

Item No	Quantity	Rate	Amount
<u>BILL NO. 1</u>			
<u>PRELIMINARIESNOTES</u>			
<u>(Work Group No. 190 Unless Otherwise Stated)</u>			
i)		The agreement 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 preliminaries 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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SECTION A: PRINCIPAL BUILDING AGREEMENT

Definitions (A1)

1 Definitions and interpretation (clause 1)

Item

Objective and Preparation (A2 to A14)

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

Execution (A15-A23)

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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ASBESTOS REPLACEMENT & RENOVATIONS BONAMUVA PRIMARY SCHOOL

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	<u>Dispute (A40)</u>			
40	Dispute Settlement (clause 40)	Item		
	<u>Substitute Provisions (A41)</u>			
41	State clauses (Clause 41)	Item		
	<u>THE SCHEDULE</u>			
	Information necessary for completion of those clauses contained in the schedule which are necessary for tender purposes is given hereunder			
42	Pre-tender information (clause 42)	Item		
	<u>42.1 CONTRACTING AND OTHER PARTIES</u>			
	42.1.1 Employer: Development Bank of Southern Africa..... Postal address: P O Box 1234. Halfway House. Code 1685..... Tel (011) 313 3026..... Fax (011) 206 3026..... E-mail vusik3@dbsa.org..... Physical Address: 1248 Lever Rd. Headway Hill, Midrand 1685.....			
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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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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
BONAMUVA PRIMARY SCHOOL**

42.1.6

Agents service: Architect (4)

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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 Bonamuva 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

12 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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<u>SECTION B: PRELIMINARIES</u>				
<u>Definitions and interpretation (B1)</u>				
43	Definition and interpretation (B1.1 - B1.4.6)	Item		
<u>Documents (B2)</u>				
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		
<u>The site (B3)</u>				
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		
<u>Management of contract (B4)</u>				
61	Management of the works (B4.1)	Item		
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**ASBESTOS REPLACEMENT & RENOVATIONS
BONAMUVA PRIMARY SCHOOL**

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		
	<u>Samples, Shop Drawings and Manufacturer's Instructions (B5)</u>			
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		
	<u>Temporary works and plant (B6)</u>			
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		
	<u>Temporary services (B7)</u>			
76	Location (B7.1)	Item		
77	Water (B7.2)	Item		
	Option [A] / [B] shall apply			
78	Electricity (B7.3)	Item		
	Option [A] / [B] shall apply			
79	Telecommunication facilities (B7.4)	Item		
80	Ablution facilities (B7.5)	Item		
	Option [A] / [B] shall apply			
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	<u>Prime cost amounts (B8)</u>			
81	Responsibility for prime cost amounts (B8.1)	Item		
	<u>Attendance on N/S Subcontractors (B9)</u>			
82	General attendance (B9.1)	Item		
83	Special attendance (B9.2)	Item		
84	Commissioning - Fuel, water and power (B9.3)	Item		
	<u>Financial aspects (B10)</u>			
	Statutory taxes, duties and levies (B10.1)	Item		
85	Payment of preliminaries (B10.2) Option [A] / [B] shall apply	Item		
86	Adjustment of preliminaries (B10.3)	Item		
87	Payment certificate cash flow (B10.4)	Item		
	<u>General (B11)</u>			
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)	Item
	Schedule of variables (B12)	
100	Pre-tender information (B12.1)	Item
	12.1.1 Provisional bills of quantities (B2.2) The quantities are provisional: <div style="text-align: right;">Yes/No</div>	
	12.1.2 Availability of construction documentation (B2.3) Construction documentation is not complete <div style="text-align: right;">Yes/No</div>	
	12.1.3 Interest of agents (B2.4) <div>.....</div> <div>.....</div> <div>.....</div>	
	12.1.4 Defined works area (B3.1) <div>.....</div> <div>.....</div> <div>.....</div>	
	12.1.5 Geotechnical investigation (B3.2) <div>.....</div> <div>.....</div> <div>.....</div>	
	12.1.6 Existing premises occupied (B3.4) <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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12.1.21	Special attendance (B9.2)				
	Subcontractor (1) details:				
				
				
				
12.1.22	Protection of the works (B11.1)				
				
				
				
12.1.23	Disturbance (B11.5)				
				
				
				
12.1.24	Environmental Disturbance (B11.6)				
				
				
				
<u>Post tender information (B12.2)</u>					
12.2.1	Payment of preliminaries				
	Alternative selected:				
12.2.2	Adjustment of preliminaries				
	Alternative selected:				
12.2.3	Additional agreed preliminaries items				
-				
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SECTION C: SPECIFIC PRELIMINARIES

Any special items to meet the parrrticular 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
BONAMUVA PRIMARY SCHOOL

Section No. 1

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PRELIMINARIES

**ASBESTOS REPLACEMENT & RENOVATIONS
BONAMUVA PRIMARY SCHOOL**

Item No		Quantity	Rate	Amount
	<u>BILL No. 1</u>			
	<u>ALTERATIONS (PROVISIONAL)</u>			
	<u>(Work Group No. 102 Unless Otherwise Stated)</u>			
	<u>PREAMBLES</u>			
	For Preambles refer to the ASAQs "Model Preambles to All Trades", 2008 Edition			
	<u>TEMPORARY BARRIERS, SCREENS, ETC</u>			
	<u>Temporary barriers, screens, etc including removal</u>			
1	Drywall barrier/hoarding 1800mm high formed of timber framing rails and uprigts covered on one side with 0,45mm corrugated iron sheeting including corners, ends, etc	m	350	
	<u>REMOVAL OF EXISTING WORK</u>			
	<u>Breaking up and removing mass concrete</u>			
2	Steps	m3	8	
3	100mm Thick surface bed	m2	38	
	<u>Breaking down and removing brickwork etc</u>			
4	One brick wall in beam-filling up to window head level	m2	313	
5	One brick wall in gables	m2	136	
	<u>Taking out and removing doors, windows, etc from brickwork</u>			
6	Timber single door	No	18	
7	Single steel gate including frame	No	18	
8	Glazed steel window not exceeding 2,5m2	No	21	
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**ASBESTOS REPLACEMENT & RENOVATIONS
BONAMUVA PRIMARY SCHOOL**

<u>Taking down and removing roofs, floors, panelling, ceilings, partitions, etc</u>					
<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>					
9	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	1,618		
10	Gypsum plasterboard ceilings including cornices, timber bandering, etc	m2	819		
11	Rainwater gutters including brackets, etc.	m	80		
<u>Taking out and removing sundry joinery work, setting aside for re-use and later refixing in new position</u>					
12	Timber cornices from brickwork	m	517		
<u>Taking out and removing ironmongery</u>					
13	Pinning board 2400 x 1200mm high	No	15		
14	Chalkboard 4800 x 1140mm high	No	15		
<u>Taking out/off and removing sundry metalwork</u>					
15	Corroded metal columns including digging up concrete embedded base	No	25		
<u>Hacking up/off and removing granolithic, screeds, plaster, etc from concrete or brickwork and preparing surfaces for new screeds, plaster, etc</u>					
16	30mm Granolithic from floors	m2	223		
17	25mm Screed from floors	m2	814		
18	Internal plaster from walls in patches	m2	182		
<u>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</u>					
19	350 x 350mm Tiles to floors	m2	6		
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ASBESTOS REPLACEMENT & RENOVATIONS BONAMUVA PRIMARY SCHOOL

20	Tile skirting 100mm high	m	51
	<u>Taking out and removing glass and mirrors</u>		
21	Glass from steel windows including cleaning out rebates and preparing for new glass	m ²	55
	<u>Sundries</u>		
22	Cutting toothings and bonding new brickwork to existing	m ²	136
23	Cut out crack up to 200mm wide to both sides of crack, fill crack with approved acrylic filler and re-plaster area flush with adjacent areas	m	120
	<u>Face bricks pointed with recessed horizontal and vertical joints</u>		
24	Extra over brickwork for face brickwork in patches	m ²	155
25	Cutting toothings and bonding new face brickwork to existing	m	91
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Section No. 2

Bill No. 1

ALTERATIONS

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Item No	Quantity	Rate	Amount
<u>BILL No. 2</u>			
<u>MASONRY (PROVISIONAL)</u>			
<u>(Work Group No. 116 Unless Otherwise Stated)</u>			
<u>PREAMBLES</u>			
For Preambles refer to the ASAQs "Model Preambles to All Trades", 2008 Edition			
<u>BRICKWORK</u>			
<u>Sizes in descriptions</u>			
Where sizes in descriptions are given in brick units, "one brick" shall represent the length and "half brick" the width of a brick			
<u>Face bricks</u>			
Bricks shall be ordered timeously to obtain uniformity in size and colour			
<u>Pointing</u>			
Descriptions of recessed pointing to fair face brickwork and face brickwork shall be deemed to include square recessed, hollow recessed, weathered pointing, etc			
<u>SUPERSTRUCTURE</u>			
<u>Brickwork of NFP bricks in cement mortar</u>			
1	110mm Brick walls	m2 10	
2	One brick walls in beamfilling	m2 313	
3	One brick walls in fire walls and gables	m2 273	
<u>BRICKWORK SUNDRIES</u>			
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**ASBESTOS REPLACEMENT & RENOVATIONS
BONAMUVA PRIMARY SCHOOL**

	<u>Motor Filler</u>				
4	Mortar bed on top of raking gable walls to form close joint with underside of roof sheeting	m	76		
	<u>Brickwork reinforcement</u>				
5	75mm Wide reinforcement built in horizontally	m	29		
6	150mm Wide reinforcement built in horizontally	m	1,320		
	<u>Turning pieces</u>				
7	220mm Wide turning piece to lintels etc	m	145		
	<u>Air bricks etc</u>				
8	Set of two 220 x 170mm terra cotta vermin proof air bricks	Sets	140		
	<u>Prestressed concrete fabricated lintols</u>				
9	110 x 75mm Lintols in lengths not exceeding 3m.	m	174		
	<u>Galvanised hoop iron cramps, ties, etc</u>				
10	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	252		
	<u>FACE BRICKWORK</u>				
	<u>"Satin" or other approved FBX face bricks pointed with recessed horizontal and vertical joints to match existing</u>				
11	Extra over brickwork for face brickwork internally in patches	m2	105		
12	Extra over brickwork for face brickwork externally	m2	425		
13	Half brickwall faced both sides in beamfilling.	m2	89		
	<u>"Satin" or other approved FBX face bricks pointed with recessed horizontal and vertical joints to match existing</u>				
14	Extra over brickwork for brick-on-edge roller course lintol pointed on face and 110mm soffit	m	145		
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ASBESTOS REPLACEMENT & RENOVATIONS
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Bill No. 2

MASONRY

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ASBESTOS REPLACEMENT & RENOVATIONS BONAMUYA PRIMARY SCHOOL

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ASBESTOS REPLACEMENT & RENOVATIONS BONAMUVA PRIMARY SCHOOL

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ASBESTOS REPLACEMENT & RENOVATIONS
BONAMUVA PRIMARY SCHOOL

Section No. 2

Bill No. 3

ROOF COVERINGS

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CLASSROOM BLOCKS
Bill No. 3
ROOF COVERINGS

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**ASBESTOS REPLACEMENT & RENOVATIONS
BONAMUVA PRIMARY SCHOOL**

Item No		Quantity	Rate	Amount
	<u>BILL No. 4</u>			
	<u>CARPENTRY AND JOINERY (PROVISIONAL)</u>			
	<u>(Work Group No. 126 Unless Otherwise Stated)</u>			
	<u>PREAMBLES</u>			
	For Preambles refer to the ASAQs "Model Preambles to All Trades", 2008 Edition			
	<u>Prefabricated plate nailed timber roof truss construction</u>			
	The following is applicable in respect of roof trusses:			
	<u>ROOFS ETC</u>			
	<u>Roof trusses</u>			
1	Double pitched truss, with 600mm over-hang on both sides, with tie beam spanning 3,50m and 1500mm high.	No	12	
2	Double pitched truss, with 600mm over-hang on one side and 1800mm on the other sides, with tie beam spanning 8,0m and 1700mm high.	No	114	
	<u>Sawn softwood</u>			
3	38 x 114mm Wall plates	m	273	
4	38 x 114mm Longitudinal bracing	m	254	
5	38 x 114mm Cross bracing	m	254	
6	50 x 76mm Purlins	m	1,912	
7	50 x 76mm Tilted purlins	m	273	
	<u>Wrought laminated timber</u>			
8	75 x 228mm Beams, etc bolted	m	137	
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	CARPENTRY & JOINERY			

ASBESTOS REPLACEMENT & RENOVATIONS BONAMUVA PRIMARY SCHOOL

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<u>Wrought Meranti doors hung to steel frames</u>				
18	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	18	
Carried to Collection				
Section No. 2 CLASSROOM BLOCKS Bill No. 4 CARPENTRY & JOINERY				
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ASBESTOS REPLACEMENT & RENOVATIONS
BONAMUVA PRIMARY SCHOOL

Section No. 2

Bill No. 4

CARPENTRY & JOINERY

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CLASSROOM BLOCKS

Bill No. 4

CARPENTRY & JOINERY

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Item No		Quantity	Rate	Amount
	<u>BILL No. 5</u>			
	<u>CEILINGS, PARTITIONS AND ACCESS FLOORING (PROVISIONAL)</u>			
	<u>(Work Group No. 129 Unless Otherwise Stated)</u>			
	<u>PREAMBLES</u>			
	For Preambles refer to the ASAQs "Model Preambles to All Trades", 2008 Edition			
	<u>NAILED UP CEILINGS</u>			
	<u>6mm Thick gypsum or other approved ceiling boards with PVC "H" profile jointing strips.</u>			
1	Ceilings including 38 x 38mm sawn softwood branderling at 400mm centres in both directions.	m2	819	
	<u>Approved coved cornices:</u>			
2	75mm Coved cornices mitred at corners, with splayed heading joints and bed in 'Rhino-bed' gypsum plaster and spiked to branders.	m	517	
	<u>Trapdoors</u>			
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	17	
	<u>INSULATIONS</u>			
	<u>"Aerolite" insulation</u>			
4	50mm Insulation closely fitted and laid on top of branderling between roof timbers etc	m2	819	
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	Section No. 2			
	CLASSROOM BLOCKS			
	Bill No. 5			
	CEILINGS, PARTITIONS & ACCESS FLOORING			

ASBESTOS REPLACEMENT & RENOVATIONS BONAMUVA PRIMARY SCHOOL

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ASBESTOS REPLACEMENT & RENOVATIONS BONAMUVA PRIMARY SCHOOL

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**ASBESTOS REPLACEMENT & RENOVATIONS
BONAMUVA PRIMARY SCHOOL**

	<u>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</u>				
4	60 x 30mm Plate with letters/numeral, "CLASSROOM 01"	No	1		
5	60 x 30mm Plate with letters/numeral, "CLASSROOM 02"	No	1		
6	60 x 30mm Plate with letters/numeral, "CLASSROOM 03"	No	1		
7	60 x 30mm Plate with letters/numeral, "CLASSROOM 04"	No	1		
8	60 x 30mm Plate with letters/numeral, "CLASSROOM 05"	No	1		
9	60 x 30mm Plate with letters/numeral, "CLASSROOM 06"	No	1		
10	60 x 30mm Plate with letters/numeral, "CLASSROOM 07"	No	1		
11	60 x 30mm Plate with letters/numeral, "CLASSROOM 08"	No	1		
12	60 x 30mm Plate with letters/numeral, "CLASSROOM 09"	No	1		
13	60 x 30mm Plate with letters/numeral, "CLASSROOM 10"	No	1		
14	60 x 30mm Plate with letters/numeral, "CLASSROOM 11"	No	1		
15	60 x 30mm Plate with letters/numeral, "CLASSROOM 12"	No	1		
16	60 x 30mm Plate with letters/numeral, "CLASSROOM 13"	No	1		
17	60 x 30mm Plate with letters/numeral, "CLASSROOM 14"	No	1		
18	60 x 30mm Plate with letters/numeral, "CLASSROOM 15"	No	1		
Carried to Collection				R	
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**ASBESTOS REPLACEMENT & RENOVATIONS
BONAMUVA PRIMARY SCHOOL**

SUNDRIES

Approved PVC

19	38mm Diameter rubber door stop plugged	No	18		
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**PINNING BOARDS, WRITING BOARDS,
PROJECTION SCREENS, ETC**

Approved baked enamel chalkboard

20	Standard vitreous enamelled green chalkboard (SABS Specification CKS 38-1980) 2400 x 1140mm high with chalk rail plugged	No	15		
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Aluminium framed pinning board

21	Bulletin board carpet-aluminium-frame 1200 x 900mm high	No	2		
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22	Bulletin board carpet-aluminium-frame 2400 x 1200mm high	No	30		
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CLASSROOM BLOCKS
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IRONMONGERY

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Bill No. 7

IRONMONGERY

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Bill No. 7
IRONMONGERY

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**ASBESTOS REPLACEMENT & RENOVATIONS
BONAMUVA PRIMARY SCHOOL**

Item No		Quantity	Rate	Amount
	<u>BILL No. 8</u>			
	<u>METALWORK (PROVISIONAL)</u>			
	<u>(Work Group No. 136 Unless Otherwise Stated)</u>			
	<u>PREAMBLES</u>			
	For Preambles refer to the ASAQs "Model Preambles to All Trades", 2008 Edition			
	<u>SUPPLEMENTARY PREAMBLES</u>			
	<u>Descriptions</u>			
	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			
	<u>STEEL COLUMNS AND BEAMS</u>			
	<u>Hot Dipped Galvanised Mild Steel Columns</u>			
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	25	
	<u>HOT DIPPED GALVANISED MILD STEEL</u>			
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	18	
	Carried to Collection			R
	Section No. 2 CLASSROOM BLOCKS Bill No. 8 METALWORK			

**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

18

**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

18

HOT-DIPPED GALVANIZED STEEL WINDOWS

All windows shall be fitted with standard brass fittings as recommended by the manufacturer.

Burglar bars shall be standard pattern 3 x 20mm flat section bars corresponding horizontally and vertically with glazing bars

Burglar bars to be fitted to full window area

**School type galvanised internally glazed steel windows
with brass stays.**

- 5 Composite window type, 4BH/4BH, 899 x 854mm high overall

No

21

- 6 Composite window type, 6HCH/9, 899 x 1251mm high overall

No

21

**Residential C type galvanised internally glazed steel
windows with brass stays.**

- 7 Windows type C2F, 1022 x 949mm high (W02)

No

21

- 8 Windows type NC2, 1022 x 949mm high (W10)

No

21

Carried to Collection

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Section No. 2
CLASSROOM BLOCKS
Bill No. 8
METALWORK

ASBESTOS REPLACEMENT & RENOVATIONS
 BONAMUVA 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 BONAMUVA PRIMARY SCHOOL

Item No		Quantity	Rate	Amount
	<u>BILL No. 9</u>			
	<u>PLASTERING (PROVISIONAL)</u>			
	<u>(Work Group No. 142 Unless Otherwise Stated)</u>			
	<u>PREAMBLES</u>			
	For Preambles refer to the ASAQS "Model Preambles to All Trades", 2008 Edition			
	<u>GRANOLITHIC</u>			
	<u>Untinted granolithic on concrete</u>			
1	40mm Thick on floors and landings	m2	223	
	<u>SCREED</u>			
	<u>1:4 Cement mortar screed</u>			
2	30mm Thick screed laid on concrete to receive vinyl tiles	m2	808	
	<u>INTERNAL PLASTER</u>			
	<u>1:5 Cement plaster on brickwork</u>			
3	On walls in patches	m2	182	
4	On walls	m2	313	
5	On narrow widths	m2	3	
	<u>Sundries</u>			
6	V - joint between plaster and facebrick dado.	m	517	
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	Section No. 2			
	CLASSROOM BLOCKS			
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	PLASTERING			

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ASBESTOS REPLACEMENT & RENOVATIONS BONAMUVA PRIMARY SCHOOL

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Item No	Quantity	Rate	Amount
<u>BILL No. 12</u>			
<u>PAINTWORK (PROVISIONAL)</u>			
<u>(Work Group No. 152 Unless Otherwise Stated)</u>			
<u>PREAMBLES</u>			
For Preambles refer to the ASAQs "Model Preambles to All Trades", 2008 Edition			
<u>PREPARATORY WORK TO EXISTING WORK</u>			
<u>Previously painted plastered surfaces</u>			
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			
<u>Previously painted metal surfaces</u>			
Surfaces shall be thoroughly rubbed and cleaned down. Blistered or peeling paint shall be completely removed down to bare metal			
<u>Previously painted wood surfaces</u>			
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			
<u>PAINTWORK ETC TO NEW WORK</u>			
<u>ON FLOATED PLASTER</u>			
<u>One coat acrylic PVA primer, one universal undercoat and one final coat and two final coats of approved high quality paint</u>			
1	On internal walls	m2	494
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**ASBESTOS REPLACEMENT & RENOVATIONS
BONAMUVA PRIMARY SCHOOL**

ON PLASTER BOARD

Treat nail heads and joints with one coat zinc chromate primer and prepare and apply two coats interior quality semi gloss PVA paint

2	On ceilings and cornices	m2	819		
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ON FIBRE-CEMENT

One coat 'Wall and All Pure Acrylic' thinned 20% and one coat Wall and All Pure Acrylic' or other approved paint

3	On fascias and barge boards	m2	175		
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ON WOOD

One coat sanding sealer, knot prime and stop and two coats exterior quality approved woodcare varnish:

4	On doors	m2	68		
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5	On laminated beam	m2	83		
---	-------------------	----	----	--	--

One coat sanding sealer, knot prime and stop and two coats interior quality or other approved woodcare varnish:

6	Skirting and quadrant bead not exceeding 150mm girth.	m	517		
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PAINTWORK ETC TO PREVIOUSLY PAINTED WORK

ON FLOATED PLASTER

One coat acrylic PVA primer, one universal undercoat and one final coat and two coats approved high quality paint

7	On internal walls	m2	678		
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SUNDRIES

Paint Certificate

8	Allow for securing paint manufacturer's certificate supplied by the manufacturer	No	4		
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CLASSROOM BLOCKS
Bill No. 12
PAINTWORK

ASBESTOS REPLACEMENT & RENOVATIONS
BONAMUVA PRIMARY SCHOOL

Section No. 2

Bill No. 12

PAINTWORK

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CLASSROOM BLOCKS
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PAINTWORK

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ASBESTOS REPLACEMENT & RENOVATIONS BONAMUVA PRIMARY SCHOOL

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12	PAINTWORK	50	
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**ASBESTOS REPLACEMENT & RENOVATIONS
BONAMUVA PRIMARY SCHOOL**

Item No		Quantity	Rate	Amount
	<u>BILL No. 1</u>			
	<u>ALTERATIONS (PROVISIONAL)</u>			
	<u>(Work Group No. 102 Unless Otherwise Stated)</u>			
	<u>PREAMBLES</u>			
	For Preambles refer to the ASAQs "Model Preambles to All Trades", 2008 Edition			
	<u>TEMPORARY BARRIERS, SCREENS, ETC</u>			
	<u>Temporary barriers, screens, etc including removal</u>			
1	Drywall barrier/hoarding 1800mm high formed of timber framing rails and uprigts covered on one side with 0,45mm corrugated iron sheeting including corners, ends, etc	m	150	
	<u>REMOVAL OF EXISTING WORK</u>			
	<u>Breaking up and removing mass concrete</u>			
2	Steps	m3	2	
3	100mm Thick surface bed	m2	2	
	<u>Breaking down and removing brickwork etc</u>			
4	One brick wall in beam-filling up to window head level	m2	43	
5	One brick wall in firewalls	m2	2	
6	One brick wall in gables	m2	4	
	<u>Taking out and removing doors, windows, etc from brickwork</u>			
7	Timber single door	No	2	
8	Single steel gate including frame	No	2	
	Carried to Collection			R
	Section No. 3 ABLUTION BLOCK Bill No. 1 ALTERATIONS			

ASBESTOS REPLACEMENT & RENOVATIONS BONAMUYA PRIMARY SCHOOL

9	Glazed steel window not exceeding 2,5m2	No	3	
	<u>Taking down and removing roofs, floors, panelling, ceilings, partitions, etc</u>			
10	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	97	
11	Gypsum plasterboard ceilings including cornices, timber bandering, etc	m2	40	
12	Rainwater gutters including brackets, etc.	m	36	
	<u>Hacking up/off and removing granolithic, screeds, plaster, etc from concrete or brickwork and preparing surfaces for new screeds, plaster, etc</u>			
13	30mm Granolithic from floors	m2	47	
14	Internal plaster from walls in patches	m2	46	
	<u>Taking out and removing glass and mirrors</u>			
15	Glass from steel windows including cleaning out rebates and preparing for new glass	m2	5	
	<u>Sundries</u>			
16	Cutting toothings and bonding new brickwork to existing	m2	9	
17	Cut out crack up to 200mm wide to both sides of crack, fill crack with approved acrylic filler and re-plaster area flush with adjacent areas	m	15	
Carried to Collection				R
Section No. 3 ABLUTION BLOCK Bill No. 1 ALTERATIONS				

ASBESTOS REPLACEMENT & RENOVATIONS
BONAMUVA PRIMARY SCHOOL

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Bill No. 1

ALTERATIONS

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ALTERATIONS

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Item No	Quantity	Rate	Amount
<u>BILL No. 2</u>			
<u>MASONRY (PROVISIONAL)</u>			
<u>(Work Group No. 116 Unless Otherwise Stated)</u>			
<u>PREAMBLES</u>			
For Preambles refer to the ASAQS "Model Preambles to All Trades", 2008 Edition			
<u>SUPPLEMENTARY PREAMBLES</u>			
<u>BRICKWORK</u>			
<u>Sizes in descriptions</u>			
Where sizes in descriptions are given in brick units, "one brick" shall represent the length and "half brick" the width of a brick			
<u>Face bricks</u>			
Bricks shall be ordered timeously to obtain uniformity in size and colour			
<u>Pointing</u>			
Descriptions of recessed pointing to fair face brickwork and face brickwork shall be deemed to include square recessed, hollow recessed, weathered pointing, etc			
<u>SUPERSTRUCTURE</u>			
<u>Brickwork of NFP bricks in cement mortar</u>			
1	One brick walls in beamfilling	m2	43
2	One brick walls in firewalls	m2	2
3	One brick walls in fire walls and gables	m2	4
<u>BRICKWORK SUNDRIES</u>			
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Section No. 3 ABLUTION BLOCK Bill No. 2 MASONRY			

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BONAMUVA PRIMARY SCHOOL

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Bill No. 2

MASONRY

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ABLUTION BLOCK
Bill No. 2
MASONRY

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Item No	Quantity	Rate	Amount
<u>BILL No. 3</u>			
<u>ROOF COVERINGS ETC (PROVISIONAL)</u>			
<u>(Work Group No. 124 Unless Otherwise Stated)</u>			
<u>PREAMBLES</u>			
For Preambles refer to the ASAQS "Model Preambles to All Trades", 2008 Edition			
<u>CORRUGATED METAL SHEETING AND ACCESSORIES</u>			
<u>User note:</u>			
Supplementary preambles in connection with fixing of sheeting and accessories and laps are to be inserted when the Model Preambles for Trades (or other preambles not covering the fixing of sheeting and accessories and laps) are used			
<u>0.8mm approved interlocking roof sheeting with Z275 spelter to both sides screw fixed to timber purlins or rails.</u>			
1	Roof covering with pitch not exceeding 25 degrees measured sloping from section	m2	97
2	Ridge capping	m	19
<u>Sundries</u>			
3	Moulded narrow and broad rib polyethelene filler blocks	m	39
4	"Sondor" corrugated pattern eaves polycloser	m	39
5	"Sondor" corrugate pattern ridge closers	m	39
<u>ROOF AND WALL INSULATION</u>			
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ASBESTOS REPLACEMENT & RENOVATIONS BONAMUVA PRIMARY SCHOOL

<u>Approved heavy industrial grade aluminium foil based insulation</u>		
6	Insulation laid taut over purlins (at approximately 997mm centres) and fixed concurrent with roof covering including galvanised steel straining wires measured sloping from section	m2 82
<u>SUNDRIES</u>		
<u>Roof Sheeting Certificate</u>		
7	Allow for securing roof sheeting quality certificate supplied by the manufacturer	No 1
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ASBESTOS REPLACEMENT & RENOVATIONS

BONAMUVA PRIMARY SCHOOL

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ROOF COVERING

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Bill No. 3
ROOF COVERING

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**ASBESTOS REPLACEMENT & RENOVATIONS
BONAMUVA PRIMARY SCHOOL**

Item No		Quantity	Rate	Amount
	<u>BILL No. 4</u>			
	<u>CARPENTRY AND JOINERY (PROVISIONAL)</u>			
	<u>(Work Group No. 126 Unless Otherwise Stated)</u>			
	<u>PREAMBLES</u>			
	For Preambles refer to the ASAQs "Model Preambles to All Trades", 2008 Edition			
	<u>ROOFS ETC</u>			
	<u>Prefabricated plate nailed timber roof truss construction</u>			
	The following is applicable in respect of roof trusses:			
	<u>Roof trusses</u>			
1	Double pitched truss, with 600mm over-hang on both sides, with tie beam spanning 2,80m and 1500mm high.	No	18	
	<u>Sawn softwood</u>			
2	38 x 114mm Wall plates	m	110	
3	38 x 114mm Longitudinal bracing	m	39	
4	38 x 114mm Cross bracing	m	39	
5	50 x 76mm Purlins	m	194	
6	50 x 76mm Tilted purlins	m	39	
	<u>Sundries</u>			
7	Wrot finish to exposed timber roof members.	m2	7	
8	Two coats "ABE Provonite" coal tar paint on roof timbers at eaves and verges	m2	7	
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	Section No. 3 ABLUTION BLOCK Bill No. 4 CARPENTRY & JOINERY			

**ASBESTOS REPLACEMENT & RENOVATIONS
BONAMUVA PRIMARY SCHOOL**

9	"Teco" or other approved galvanised two way hurricane clip	No	72		
	<u>EAVES, VERGES, ETC</u>				
	<u>Wrot softwood</u>				
10	50 x 76mm Barge trimmer	m	20		
	<u>Approved medium density fibre-cement</u>				
11	15 x 225mm Fascia boards including aluminium H-profile jointing strips	m	19		
12	80 x 200mm Socketless barge boards including aluminium H-profile jointing strips	m	10		
	<u>SUNDRIES</u>				
	<u>Roof Truss Certificate</u>				
13	Allow for securing roof truss manufacture certificate supplied by the manufacturer	No	1		
14	Allow for securing roof truss installation certificate supplied by the truss inspector	No	1		
	<u>DOORS ETC</u>				
	<u>Wrought Meranti doors hung to steel frames</u>				
15	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	2		
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Section No. 3 ABLUTION BLOCK Bill No. 4 CARPENTRY & JOINERY					

ASBESTOS REPLACEMENT & RENOVATIONS
BONAMUVA PRIMARY SCHOOL

Section No. 3

Bill No. 4

CARPENTRY & JOINERY

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**ASBESTOS REPLACEMENT & RENOVATIONS
BONAMUVA PRIMARY SCHOOL**

Item No		Quantity	Rate	Amount
	<u>BILL No. 5</u>			
	<u>CEILINGS, PARTITIONS AND ACCESS FLOORING (PROVISIONAL)</u>			
	<u>(Work Group No. 129 Unless Otherwise Stated)</u>			
	<u>PREAMBLES</u>			
	For Preambles refer to the ASAQs "Model Preambles to All Trades", 2008 Edition			
	<u>NAILED UP CEILINGS</u>			
	<u>6mm Thick gypsum or other approved ceiling boards with PVC "H" profile jointing strips.</u>			
1	Ceilings including 38 x 38mm sawn softwood brander at 400mm centres in both directions.	m2	40	
	<u>Approved coved cornices:</u>			
2	75mm Coved cornices mitred at corners, with splayed heading joints and bed in 'Rhino-bed' gypsum plaster and spiked to branders.	m	47	
	<u>Trapdoors</u>			
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	2	
	<u>INSULATIONS</u>			
	<u>"Aerolite" insulation</u>			
4	50mm Insulation closely fitted and laid on top of brander between roof timbers etc	m2	40	
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	Section No. 3			
	ABLUTION BLOCK			
	Bill No. 5			
	CEILINGS, PARTITIONS & ACCESS FLOORING			

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ASBESTOS REPLACEMENT & RENOVATIONS BONAMUVA PRIMARY SCHOOL

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Bill No. 6

IRONMONGERY

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Bill No. 6
IRONMONGERY

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Item No	Quantity	Rate	Amount
<u>BILL No. 7</u>			
<u>METALWORK (PROVISIONAL)</u>			
<u>(Work Group No. 136 Unless Otherwise Stated)</u>			
<u>PREAMBLES</u>			
For Preambles refer to the ASAQS "Model Preambles to All Trades", 2008 Edition			
<u>SUPPLEMENTARY PREAMBLES</u>			
<u>Descriptions</u>			
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			
<u>HOT DIPPED GALVANISED MILD STEEL</u>			
1	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	2
<u>HOT DIPPED GALVANISED GATES AND FRAMES, ETC</u>			
<u>Steel Gate</u>			
2	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	2
Carried to Collection			R
Section No. 3 ABLUTION BLOCK Bill No. 7 METALWORK			

<p><u>HOT-DIPPED GALVANISED PRESSED STEEL DOOR FRAMES</u></p> <p><u>1,2mm Double rebated frames supplied with and including 1,5 pair hinges per leaf suitable for one brick walls</u></p>		
3	Frame for door 813 x 2032mm high	No 2
<p><u>HOT-DIPPED GALVANIZED STEEL WINDOWS</u></p> <p>All windows shall be fitted with standard brass fittings as recommended by the manufacturer.</p> <p>Burglar bars shall be standard pattern 3 x 20mm flat section bars corresponding horizontally and vertically with glazing bars</p> <p>Burglar bars to be fitted to full window area</p> <p><u>Residential E type galvanised internally glazed steel windows with brass stays.</u></p>		
4	Windows type E1H, 533 x 654mm high (W04)	No 3
<p style="text-align: center;">Carried to Collection</p>		
<p>Section No. 3 ABLUTION BLOCK Bill No. 7 METALWORK</p>		<p>R</p>

ASBESTOS REPLACEMENT & RENOVATIONS
BONAMUVA PRIMARY SCHOOL

Section No. 3

Bill No. 7

METALWORK

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ABLUTION BLOCK
Bill No. 7
METALWORK

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ASBESTOS REPLACEMENT & RENOVATIONS BONAMUVA PRIMARY SCHOOL

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ASBESTOS REPLACEMENT & RENOVATIONS BONAMUVA PRIMARY SCHOOL

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Item No	Quantity	Rate	Amount
<u>BILL No. 11</u>			
<u>PAINTWORK (PROVISIONAL)</u>			
<u>(Work Group No. 152 Unless Otherwise Stated)</u>			
<u>PREAMBLES</u>			
For Preambles refer to the ASAQS "Model Preambles to All Trades", 2008 Edition			
<u>PREPARATORY WORK TO EXISTING WORK</u>			
<u>Previously painted plastered surfaces</u>			
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			
<u>Previously painted metal surfaces</u>			
Surfaces shall be thoroughly rubbed and cleaned down. Blistered or peeling paint shall be completely removed down to bare metal			
<u>Previously painted wood surfaces</u>			
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			
<u>PAINTWORK ETC TO NEW WORK</u>			
<u>ON FLOATED PLASTER</u>			
<u>One coat acrylic PVA primer, one universal undercoat and one final coat and two final coats of approved high quality paint</u>			
1	On internal walls	m2	89
Carried to Collection			R
Section No. 3 ABLUTION BLOCK Bill No. 11 PAINTWORK			

<u>ON PLASTER BOARD</u>		
<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>		
2	On ceilings and cornices	m2 40
<u>ON FIBRE-CEMENT</u>		
<u>One coat 'Wall and All Pure Acrylic' thinned 20% and one coat Wall and All Pure Acrylic' or other approved paint</u>		
3	On fascias and barge boards	m2 24
<u>ON WOOD</u>		
<u>One coat sanding sealer, knot prime and stop and two coats exterior quality approved woodcare varnish:</u>		
4	On doors	m2 8
<u>PAINTWORK ETC TO PREVIOUSLY PAINTED WORK</u>		
<u>ON FLOATED PLASTER</u>		
<u>One coat acrylic PVA primer, one universal undercoat and one final coat and two coats approved high quality paint</u>		
5	On internal walls	m2 180
<u>SUNDRIES</u>		
<u>Paint Certificate</u>		
6	Allow for securing paint manufacturer's certificate supplied by the manufacturer	No 1
Carried to Collection		
Section No. 3 ABLUTION BLOCK Bill No. 11 PAINTWORK		

Section No. 3

Bill No. 11

PAINTWORK

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Section No. 3
ABLUTION BLOCK
Bill No. 11
PAINTWORK

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ASBESTOS REPLACEMENT & RENOVATIONS BONAMUVA PRIMARY SCHOOL

Bill No	SECTION SUMMARY - ABLUTION BLOCK	Page No	Amount
1	ALTERATIONS	54	
2	MASONRY	57	
3	ROOF COVERING	60	
4	CARPENTRY & JOINERY	63	
5	CEILINGS, PARTITIONS & ACCESS FLOORING	64	
6	IRONMONGERY	67	
7	METALWORK	70	
8	PLASTERING	71	
9	PLUMBING & DRAINAGE	72	
10	GLAZING	73	
11	PAINTWORK	76	
Carried to Final Summary			R
Section No. 3 ABLUTION BLOCK			

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ASBESTOS REPLACEMENT & RENOVATIONS
BONAMUVA PRIMARY SCHOOL

Section No. 4

Bill No. 1

APRONS & V-DRAINS

COLLECTION

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Section No. 4

SITEWORKS

Bill No. 1

APRONS & V-DRAINS

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**ASBESTOS REPLACEMENT & RENOVATIONS
BONAMUVA PRIMARY SCHOOL**

Item No		Quantity	Rate	Amount
	<u>BILL No. 2</u>			
	<u>RAINWATER TANK</u>			
	<u>ALTERATIONS</u>			
	<u>PREAMBLES</u>			
	For Preambles refer to the ASAQs "Model Preambles to All Trades", 2008 Edition			
	<u>REMOVAL OF EXISTING WORK</u>			
	<u>(Work Group No. 102 Unless Otherwise Stated)</u>			
	<u>Breaking up and removing reinforced concrete including cutting off and removing reinforcement</u>			
1	150mm Thick slabs	m2	88	
2	250mm Thick footing	m2	42	
	<u>Breaking down and removing brickwork etc</u>			
3	One brick wall	m2	168	
	<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>			
4	5000 Litres Jo-Jo tank	No	14	
	<u>RAINWATER TANK</u>			
	<u>EARTHWORKS</u>			
	<u>(Work Group No. 104 Unless Otherwise Stated)</u>			
	<u>Excavation in earth not exceeding 2m deep</u>			
5	Trench excavation not exceeding 2m deep	m3	85	
	Carried to Collection			R
	Section No. 4			
	SITEWORKS			
	Bill No. 2			
	RAINWATER TANKS			

ASBESTOS REPLACEMENT & RENOVATIONS BONAMUVA PRIMARY SCHOOL

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ASBESTOS REPLACEMENT & RENOVATIONS BONAMUVA PRIMARY SCHOOL

	<u>High tensile steel reinforcement to structural concrete work</u>		
16	Various diameter bars	t	0.24
	<u>Reinforcement</u>		
17	Type 395 fabric reinforcement in concrete surface beds, slabs, etc.	m2	115
	<u>BRICKWORK</u>		
	<u>(Work Group No. 116 Unless Otherwise Stated)</u>		
	<u>Brickwork of NFX bricks (14 MPa nominal compressive strength) in cement mortar</u>		
18	One brick wall in stretcher bond	m2	178
	<u>Brickwork reinforcement</u>		
19	150mm Wide reinforcement built in horizontally	m	698
	<u>"Corobrik Firelight Satin' or other approved face bricks laid and pointed with recessed horizontal and vertical joints"</u>		
20	Extra over ordinary brickwork for facing in stretcher bond with "Corobrik Corngold Satin FBA" or other approved clay facing brick	m2	126
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	148
	<u>Sundries</u>		
22	30 x 152mm Deep mortar fillet placed around rainwater tank.	m	160
	<u>PLUMBING</u>		
	<u>(Work Group No. 148 Unless Otherwise Stated)</u>		
	<u>TAPS, VALVES, ETC</u>		
	<u>Taps, valves, etc and joints to "Polycop" polypropylene pipes including all necessary adaptors, etc</u>		
	Carried to Collection		
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ASBESTOS REPLACEMENT & RENOVATIONS BONAMUVA PRIMARY SCHOOL

<u>"Cobra Watertech"</u>				
23	12mm KM2.203-15 brass demand bibcock	No	14	
<u>TANKS ETC</u>				
<u>"Jo-Jo" polyethelene or other approved water tank</u>				
24	5000 Litre rainwater tank complete with access lid with inlet hole placed in position on concrete slab and anchored with and including four 7mm diameter galvanised steel chain anchors fitted into garden hose protective sleeves with top end of chain secured to tank and bottom end secured to and including 10mm diameter x 650mm girth U-shaped high tensile steel securing lugs, bent to detail and cast into concrete plinth	No	14	
Carried to Collection				
Section No. 4 SITEWORKS Bill No. 2 RAINWATER TANKS				

ASBESTOS REPLACEMENT & RENOVATIONS
BONAMUVA PRIMARY SCHOOL

Section No. 4

Bill No. 2

RAINWATER TANKS

COLLECTION

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Section No. 4

SITEWORKS

Bill No. 2

RAINWATER TANKS

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SECTION SUMMARY - SITEWORKS				Amount
Bill No		Page No		
1	APRONS & V-DRAINS	81		
2	RAINWATER TANKS	86		
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Section No. 4 SITEWORKS				

**ASBESTOS REPLACEMENT & RENOVATIONS
BONAMUVA PRIMARY SCHOOL**

Item No		Quantity	Rate	Amount
	<u>BILL No. 1</u>			
	<u>PROVISIONAL SUMS</u>			
	The following budgetary allowances are for work to be executed by a specialist Sub- Contractor nominated by the Principal Agent			
	<u>ELECTRICAL INSTALLATION</u>			
1	Allow the sum of R 1 600 000.00 (One Million, Six Hundred Thousand Rand) for the Electrical Installation	Item		1,600,000.00
2	Profit on last if required	%		
3	Attendance in connection with Electrical Installations	%		
	<u>MOBILE CLASSROOMS</u>			
4	Allow the sum of R 5 500 000.00 (Five Million Five Hundred Thousand Rand) for the supply and installation and relocate mobile classrooms (relocation of radius 50km)	Item		5,500,000.00
5	Profit on last if required	%		
6	Attendance in connection with mobile classrooms	%		
	<u>CLO REMUNERATION</u>			
7	Allow the sum of R 120 000.00 (One Hundred and Twenty Thousand Rand) for the remuneration of the Community Liaison Officer	Item		120,000.00
8	Profit on last if required	%		
9	Attendance in connection with Community Liaison Officer's remuneration	%		
	<u>MINIMUM TARGETED ENTERPRISE DEVELOPMENT</u>			
	A provisional amount has been allowed for in the execution of this project as described in C3.1 Project Specifications.			
10	The provisional amount allowed is for the appointment of training coordinator, mentor, training service providers and training of the beneficiary enterprises including monitoring and monthly reporting.	PS		198 322.64
11	Allowance for profit all inclusive of associated costs to the contractor for implementation.	%		
12	Allowance for attendance all inclusive of associated costs to the contractor for implementation.	%		
	Carried to Final Summary		R	
	Section No. 5			
	PROVISIONAL SUMS			
	Bill No. 1			
	PROVISIONAL SUMS			

**ASBESTOS REPLACEMENT & RENOVATIONS
BONAMUVA PRIMARY SCHOOL**

Section No	<u>FINAL SUMMARY</u>	Page No	Amount
1	PRELIMINARIES	21	
2	CLASSROOM BLOCKS	51	
3	ABLUTION BLOCK	77	
4	SITEWORKS	87	
5	PROVISIONAL SUMS	88	
	<u>SUB-TOTAL -1</u>		R
	Add: CONTINGENCIES (10%)		R
	Add: Contract Price Adjustment Provision (CPAP) to be adjusted	Item	1,000,000.00
	<u>SUB-TOTAL - 2</u>		R
	Add: VALUE ADDED TAX (15%)		R
	Carried to Form of Tender		R