SANITATION APPROPRIATE FOR EDUCATION (SAFE) PROGRAMME BATCH 5

COMPLETION OF EXTERNAL WORKS AT UPPER GWADU PRIMARY SCHOOL

PROVISIONAL BILLS OF QUANTITIES

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SECTION NO. 1

PRELIMINARIES

Amount

SECTION NO. 1

PRELIMINARIES

BILL NO. 1

PRELIMINARIES

1. The Principal Building Agreement shall be the JBCC Series Edition 4.1, March 2005 as recommended by the Joint Building Contract Committee and as amended by this Tender Enquiry.

2. The Preliminaries shall be JBCC Series 2000, May 2005 for use with the Principal Building Agreement as recommended by the Joint Building Contracts Committee and as amended by this Tender Enquiry shall be deemed to be incorporated herein.

3. Tenderers are referred to the abovementioned documents for the full intent and meaning of each clause thereof. These clauses are hereinafter referred to by clause number and heading only.

4. Where standard clauses or alternatives are not entirely applicable to this contract, such modifications, corrections or additions as are necessary, are given as far as possible under each relevant clause heading. Additional Preliminary clauses are contained in Section C hereof.

5. No claim whatsoever shall be entertained in respect of errors or omissions in pricing due to brevity of descriptions of items which are fully described when read in conjunction with the relevant clauses of the said Principal Building Agreement, Preliminaries and Preambles.

6. The Tenderers shall allow opposite each of the clauses whatever costs and charges he may consider necessary for the carrying out, complying with and due observance of the provisions, conditions and requirements set out herein. Only priced items will be considered in respect of any adjustment of this Section. Any items left unpriced will be understood to be provided free of charge and no claim for any extras arising out of the Tenderer's omission to price any item will be entertained.

7. Where modifications or amendments as described are made, such modifications and/or amendments shall supercede any conflicting provisions in the relevant clauses of the Standard Preliminaries or the Principal Building Agreement and the Tenderer shall make due allowance for whatever costs and charges he may consider necessary for the carrying out and observance of the provisions of the clauses as modified and/or amended.

8. Where any item is not relevant to this specific contract, such item is marked N/A.

9. 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 by insertion of "F","V","T" as the case may be against the price in the "rate" column immediately preceding the "amount" column, 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 proportionate to time.

Carried to Collection **R**

			Amount
	SECTION A: PRINCIPAL BUILDING AGREEMENT		
	DEFINITIONS		
	Definitions and interpretation (Clause 1).		
1	F: …… V: …… T: ……...	Item	
	OBJECTIVE AND PREPARATION		
	Offer, acceptance and performance (Clause 2).		
2	F: …… V: …… T: ……...	Item	
	Documents (Clause 3).		
	Clause 3.1 is deleted and substituted with: 'This tender is for a Government Contract. No Payment Guarantee will be provided.'		
	Clause 3.3 is deleted and substituted with:		
	The principal agent shall complete the schedule and arrange for formal signing of the agreement once the priced bill of quantities/lump sum document, security, insurances and waiver of lien, where acceptable, have been provided and effected'.		
3	F: …… V: …… T: ……...	Item	
	Design responsibility (Clause 4).		
4	F: …… V: …… T: ……...	Item	
	Employer's agents (Clause 5).		
5	F: …… V: …… T: ……...	Item	
	Site representative (Clause 6).		
6	F: …… V: …… T: ……...	Item	
	Compliance with regulations (Clause 7).		
7	F: …… V: …… T: ……...	Item	
	Works risk (Clause 8)		
8	F: …… V: …… T: ……...	Item	
	Indemnities (Clause 9).		
	Clause 9.1.1 is deleted and substituted with:		
	Claims from other parties consequent upon death of bodily injury or illness of any person or physical loss or damage to any property, other than the works, arising out or due to the execution of the works or occupation of the site by the contractor or his sub contractors'.		
9	F: …… V: …… T: ……...	Item	
	Works insurances (Clause 10).		
10	F: …… V: …… T: ……...	Item	
		Carried to Collection	**R**

			Amount
	Liability insurances (Clause 11).		
11	F: …… V: …… T: …...	Item	
	Effecting insurances (Clause 12).		
12	F: …… V: …… T: …...	Item	
	State Provisions (Clause 13).		
13	F: …… V: …… T: …...	Item	
	Security (Clause 14).		
14	F: …… V: …… T: …...	Item	
	EXECUTION		
	Preparation for and execution of the works (Clause 15).		
15	F: …… V: …… T: …...	Item	
	Access to the works (Clause 16).		
16	F: …… V: …… T: …...	Item	
	Contract instructions (Clause 17).		
17	F: …… V: …… T: …...	Item	
	Setting out of the works (Clause 18.3).		
	The contractor shall notify the principal agent if any encroachments of adjoining foundations, buildings, structures, pavements, boundaries, etc., exist in order that the necessary arrangements may be made for the rectification of any such encroachments.Should incorrect information be given to the contractor in terms of 18.1 and 18.2, which causes the incorrect setting out of the works, the contractor shall not be liable for such incorrect setting out.		
18	F: …… V: …… T: …...	Item	
	Assignment (Clause 19).		
19	F: …… V: …… T: …...	Item	
	Nominated subcontractors (Clause 20).		
20	F: …… V: …… T: …...	Item	
	Selected subcontractors (Clause 21).		
21	F: …… V: …… T: …...	Item	
	Employer's Direct contractors (Clause 22).		
22	F: …… V: …… T: …...	Item	
	Contractor's Domestic subcontractors (Clause 23).		
23	F: …… V: …… T: …...	Item	
		Carried to Collection	**R**

			Amount
	COMPLETION		
	Practical completion (Clause 24).		
24	F: …… V: …… T: ……...	Item	
	Works completion (Clause 25).		
25	F: …… V: …… T: ……...	Item	
	Final completion (Clause 26).		
	Latent defects liability period (Clause 27).		
	Clause 27.0 is amended by the addition of the following clauses:		
	"27.3 Any water leakage into the building, whether in the roof, external wall or other element of the building susceptible to water leakage shall, unless proven to be a design defect, or as a result of obvious storm damage, be classified as a latent defect in terms of clause 1.0 Definitions and Interpretations".		
	"27.4 The Contractor shall attend to defects during the Defects Liability Period on a progressive basis, to the satisfaction of the Principal Agent and will not be permitted to wait until the end of the Defect Liability Period or until the amount of defects accummulates in order to attend to a comprehensive list of defects"		
26	F: …… V: …… T: ……...	Item	
	Sectional completion (Clause 28).		
27	F: …… V: …… T: ……...	Item	
	Revision of date for practical completion (Clause 29).		
28	F: …… V: …… T: ……...	Item	
	Penalty for non-completion (Clause 30).		
29	F: …… V: …… T: ……...	Item	
	PAYMENT		
	Interim payment to the contractor (Clause 31).		
	The inclusion of materials and goods stored off site in the amount authorised for payment in terms of clause 31.3 shall be at the sole discretion of the principal agent and such inclusion shall only be considered upon the provision, by the contractor, of an approved guarantee issued by a registered commercial bank.		
	Where prices are submitted by the contractor or nominated/selected sub contractor during the progress of the works in respect of contract instructions or in regard to a claim under the terms of the contract and notwithstanding the fact that such prices may be used in an interim payment certificate, there is to be no presumption of acceptance. Should the principal agent wish to accept any such prices prior to the issue of the final certificate, it will be in writing.		
	Adjustment to the contract value (Clause 32).		
		Carried to Collection	**R**

			Amount
30	F: …… V: …… T: ……...	Item	
	Recovery of expense and loss (Clause 33).		
31	F: …… V: …… T: ……...	Item	
	Final account and final payment (Clause 34).		
32	F: …… V: …… T: ……...	Item	
	Payment to other parties (Clause 35).		
33	F: …… V: …… T: ……...	Item	
	CANCELLATION		
	Cancellation by Employer - Contractor's default (Clause 36).		
34	F: …… V: …… T: ……...	Item	
	Cancellation by Employer - Loss and damage (Clause 37).		
35	F: …… V: …… T: ……...	Item	
	Cancellation by Contractor - Employer's default (Clause 38).		
36	F: …… V: …… T: ……...	Item	
	Cancellation - Cessation of the works (Clause 39).		
37	F: …… V: …… T: ……...	Item	
	DISPUTE		
	Dispute Settlement (Clause 40)		
38	F: …… V: …… T: ……...	Item	
	SUBSTITUTE PROVISIONS		
	State Clauses (Clause 41)		
39	F: …… V: …… T: ……...	Item	
	CONTRACT VARIABLES		
	The Schedule: Pre-Tender information (Clause 42).		
40	F: …… V: …… T: ……...	Item	
	CONTRACTING AND OTHER PARTIES (Clause 42.1)		
	Employer: The Mvula Trust		
	Postal Address: 67 Devereux Avenue, Vincent, East London		
	Telephone: 043 726 2255		
	Facsimile: 043 726 5967		
	Physical address: 67 Devereux Avenue, Vincent, East London		
	Principal Agent: The Mvula Trust		
	Postal Address: 67 Devereux Avenue, Vincent, East London		
	Carried to Collection	**R**	

Amount

Telephone: 043 726 2255

Facsimile: 043 726 5967

Physical address: 67 Devereux Avenue, Vincent, East London

CONTRACT DETAILS (Clause 42.2)

Clause 42.2.1

Works Description: Construction of new ablution facilities.

Clause 42.2.2

Site Description: The site is the existing school.

Clause 42.2.3

Work or Installations by Others: NIL

Clause 42.2.4

This Agreement is for a State Contract :- Yes

Payment will be made for materials and goods:- Yes

Dispute resolution :- Mediation (in terms of clause 40) followed by litigation.

Arbitration rules as recommended by the Association of Arbitrators (SA) :- N/A

Clause 42.2.5

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

To be advised.

Clause 42.2.6

Period for the commencement of the works after the contractor takes possession of the site :- 5 Working days.

Completion in Sections are required : NO

Clause 42.2.7

Intended date of practical completion and the penalty per calendar day for the works as a whole :-

To be advised.

Penalty amount will be 5,75c/R100 of Contract Sum.

Clause 42.2.8

Intended dates of practical completion and the penalties per calendar day for the works in sections :

N/A

Clause 42.2.9

The law applicable to this agreement shall be that of - Republic of South Africa.

INSURANCES (Clause 42.3)

Clause 42.3.1

Carried to Collection **R**

Section No. 1

Bill No. 1

Preliminaries

			Amount
	Contract works insurance to be effected by Contractor for the sum of: Contract Sum		
	With a deductible of : Not exceeding 5% of each and every claim.		
	Clause 42.3.2		
	Supplementary insurance is required : Yes		
	SASRIA insurance required to be effected by the Contractor for the amount of: Contract Sum plus 20% (with a deductible to be determined by the Insurance company issuing the policy).		
	Clause 42.3.3		
	Public liability insurance to be effected by Contractor		
	For the amount of: R 5million		
	With a deductible of: Not exceeding 5% of each and every claim.		
	DOCUMENTS (Clause 42.4)		
	Clause 42.4.1		
	Waiver of the contractor's lien is required :- YES		
	Clause 42.4.2		
	Number of construction document copies to be supplied to the Contractor free of charge :- 1		
	Clause 42.4.3		
	Bills of Quantities drawn up in accordance with :-		
	Standard System of Measuring Building Work - Seventh Edition including all amendments		
	Clause 42.4.4		
	Number of days for submission of priced documents : 5 working days from the Letter of Appointment.		
	Clause 42.4.5		
	JBCC Engineering General Conditions are to be included in the documents :- No		
	Clause 42.4.6		
	The contract value is to be adjusted using CPAP:- NO		
	SECTION B: PRELIMINARIES		
	DEFINITIONS AND INTERPRETATION (B1)		
	Definitions and Interpretation (B1)		
41	F: …… V: …… T: ……...	Item	
	DOCUMENTS (B2)		
	Checking of documents (B2.1)		
		Carried to Collection	**R**

Section No. 1
Bill No. 1
Preliminaries

			Amount
	Notwithstanding the issue of the tender drawings, it will remain the responsibility of the Tenderer to study all available drawings at the offices of the Principal Agent during normal working hours in order to acquaint himself with all the cost implications of the design, programming, phasing, etc.		
42	F: …… V: …… T: ……...	Item	
	Provisional Bills of Quantities (B2.2) YES		
	Prime Cost Amounts, Budgetary Allowances, Provisional Amounts, etc., contained herein may be omitted or reduced at the Principal Agent's sole discretion and the Contractor shall not be entitled to claim for any loss by way of reduction or omission of any discount, or percentage relating to Prime Cost Amounts, Budgetary Allowances, Provisional Amounts, Provisional Quantities, etc., or loss of profit related thereto.		
43	F: …… V: …… T: ……...	Item	
	Availability of construction documentation (B2.3)		
44	F: …… V: …… T: ……...	Item	
	Interests of Agents (B2.4)		
45	F: …… V: …… T: ……...	Item	
	Priced documents (B2.5)		
46	F: …… V: …… T: ……...	Item	
	Tender submission (B2.6)		
	Notwithstanding anything contained in this clause, Tenders shall be valid for a period of 20 (Twenty) weeks from the closing date of tenders.		
47	F: …… V: …… T: ……...	Item	
	THE SITE (B3)		
	Defined works area (B3.1)		
	The area of the works to be occupied by the contractor, any restriction on the area and the limit of access or exit will be pointed out to the contractor by the principal agent on handing over of the site.		
	Workmen employed on the site are to be restricted to the immediate area of the site and access thereto.		
	The Tenderer shall make all necessary provision in all rates to take into account these requirements as no claims for extras arising from these matters will be subsequently entertained or admitted.		
48	F: …… V: …… T: ……...	Item	
	Geotechnical investigation (B3.2)		
	A desktop geotechnical report is available upon request.		
49	F: …… V: …… T: ……...	Item	
	Inspection of the Site (B3.3)		
	Carried to Collection	**R**	

			Amount
50	F: …… V: …… T: ……...	Item	
	Existing premises occupied (B3.4)		
51	F: …… V: …… T: ……...	Item	
	Previous work - dimensional accuracy (B3.5)		
52	F: …… V: …… T: ……...	Item	
	Previous work - defects (B3.6)		
53	F: …… V: …… T: ……...	Item	
	Services - known (B3.7)		
54	F: …… V: …… T: ……...	Item	
	Services - unknown (B3.8)		
55	F: …… V: …… T: ……...	Item	
	Protection of trees (B3.9)		
56	F: …… V: …… T: ……...	Item	
	Articles of value (B3.10)		
57	F: …… V: …… T: ……...	Item	
	Inspection of adjoining properties (B3.11)		
58	F: …… V: …… T: ……...	Item	
	MANAGEMENT OF CONTRACT (B4)		
	Management of the Works (B4.1)		
59	F: …… V: …… T: ……...	Item	
	Programme for the Works (B4.2)		
60	F: …… V: …… T: ……...	Item	
	Progress meetings (B4.3)		
61	F: …… V: …… T: ……...	Item	
	Technical meetings (B4.4)		
62	F: …… V: …… T: ……...	Item	
	SAMPLES AND SHOP DRAWINGS (B5)		
	Samples of materials (B5.1)		
63	F: …… V: …… T: ……...	Item	
	Workmanship samples (B5.2)		
64	F: …… V: …… T: ……...	Item	
	Shop drawings (B5.3)		
	Carried to Collection	**R**	

			Amount
65	F: …… V: …… T: ……...	Item	
	TEMPORARY WORKS AND PLANT (B6)		
	Deposits and fees (B6.1)		
66	F: …… V: …… T: ……...	Item	
	Enclosure of the works (B6.2)		
	The contractor shall erect, maintain and remove at completion, hoardings, safety screens, barriers, access gates, covered gangways and the like as necessary for the enclosure of the works and elements thereof all for the protection of the public and others.		
67	F: …… V: …… T: ……...	Item	
	Advertising (B6.3)		
68	F: …… V: …… T: ……...	Item	
	Plant and equipment (B6.4)		
69	F: …… V: …… T: ……...	Item	
	Main notice board (B6.5)		
	One notice board shall be provided by the Contractor		
70	F: …… V: …… T: ……...	Item	
	Subcontractors notice board (B6.6) (N/A)		
71	F: …… V: …… T: ……...	Item	
	TEMPORARY SERVICES (B7)		
	Location (B7.1)		
72	F: …… V: …… T: ……...	Item	
	Water (B7.2)		
	The contractor shall provide water for the works in accordance with:		
	Alternative A (i.e. to be provided for by the Contractor).		
73	F: …… V: …… T: ……...	Item	
	Electricity (B7.3)		
	The contractor shall provide electricity for the works in accordance with:		
	Alternative A (i.e. to be provided for by the Contractor).		
74	F: …… V: …… T: ……...	Item	
	Telecommunication equipment (B7.4)		
	The contractor shall provide telephones on site for the works in accordance with:		
	Alternative A (i.e. to be provided for by the Contractor).		
	Carried to Collection	**R**	

			Amount
75	F: …… V: …… T: ……...	Item	
	Ablution facilities (B7.5)		
	The contractor shall provide toilet facilties on site for the works in accordance with:		
	Alternative A (i.e. to be provided for by the Contractor).		
76	F: …… V: …… T: ……...	Item	
	PRIME COST AMOUNTS (B8)		
	Responsibility for prime cost amounts (B8.1)		
77	F: …… V: …… T: ……...	Item	
	ATTENDANCE ON N/S SUBCONTRACTORS (B9)		
	General Attendance (B9.1)		
78	F: …… V: …… T: ……...	Item	
	Special Attendance (B9.2)		
79	F: …… V: …… T: ……...	Item	
	Commissioning - fuel, water and power (B9.3)		
80	F: …… V: …… T: ……...	Item	
	FINANCIAL ASPECTS (B10)		
	Statutory taxes, duties and levies (B10.1)		
	Provision is made in the Final Summary of these Bills of Quantities for the inclusion of Value Added Tax (VAT).		
81	F: …… V: …… T: ……...	Item	
	Payment of Preliminaries (B10.2)		
82	F: …… V: …… T: ……...	Item	
	Adjustment of Preliminaries (B10.3)		
83	F: …… V: …… T: ……...	Item	
	Payment certificate cash flow (B10.4)		
84	F: …… V: …… T: ……...	Item	
	Contractor information supply (B10.5)		
85	F: …… V: …… T: ……...	Item	
	GENERAL (B11)		
	Protection of the Works (B11.1)		
86	F: …… V: …… T: ……...	Item	
	Protection/isolation of existing/sectionally occupied works (B11.2)		
	Carried to Collection	**R**	

			Amount
87	F: …… V: …… T: ……...	Item	
	Site security (B11.3)		
88	F: …… V: …… T: ……...	Item	
	Notice before covering work (B11.4)		
89	F: …… V: …… T: ……...	Item	
	Disturbance (B11.5)		
90	F: …… V: …… T: ……...	Item	
	Works cleaning and clearing (B11.6)		
91	F: …… V: …… T: ……...	Item	
	Vermin (B11.7)		
92	F: …… V: …… T: ……...	Item	
	Overhand work (B11.8)		
93	F: …… V: …… T: ……...	Item	
	SECTION C: SPECIFIC PRELIMINARIES		
	Section C: Specific Preliminaries:		
	C1. Proprietary branded products		
	The contractor shall take delivery of, handle, store, use, apply and/or fix all proprietary branded products in strict accordance with the manufacturer's instructions after consultation with the manufacturer's authorised representative.		
94	F: …… V: …… T: ……...	Item	
	C2. Trade Names, etc.		
	All materials, fittings, finishings, etc., specified hereinafter under a trade name, catalogue number or reference, must be exactly as described. The Architect's approval in writing must be obtained for the use of any alternative to the specification before the submission of tenders otherwise the specified materials, fittings, finishings, etc., will be assumed to have been allowed for in the tender.		
	The Contractor must take delivery of, handle, store, use, apply and/or fix all proprietary branded products in strict accordance with the manufacturer's instructions after consultation with the manufacturer's authorised representative.		
95	F: …… V: …… T: ……...	Item	
	C3. Contractors responsibility		
	Carried to Collection	**R**	

			Amount
	The Employer, the Principal Agent and the other professional consultants shall not be responsible for any act or omission on the part of the Contractor which may result in any patent or latent defects, in materials or workmanship, breach or neglect of any local regulations. The Contractor shall at all times be responsible for any such neglect, deviation or wrong act, whether the same is discovered before or after the final certificate, or any other Certificate, has been approved.		
96	F: …….. V: …….. T: ……...	Item	
	C4. Overtime Should overtime be required to be worked for any reason whatsoever, the costs of such overtime are to be borne by the contractor unless the principal agent has specifically authorised in writing, prior to the execution thereof, that costs for such overtime are to be borne by the employer.		
97	F: …….. V: …….. T: ……...	Item	
	C5. As built drawings The position of construction breaks and the extent of individual concrete pours are to be recorded by the contractor on the structural engineer's drawings and are to be submitted to the principal agent and the structural engineer for their records. Three full sets of as-built drawings shall be submitted to the Principal Agent no later than fourteen days after practical completion.		
98	F: …….. V: …….. T: ……...	Item	
	C6. Construction Instructions Contract instructions issued on site are to be recorded in triplicate in a site instruction book which is to be maintained on site by the Contractor. The Contractor shall supply and have available at the site of the works at all times, the following site books: a) Construction Instruction Book: Receiving and recording instructions in a suitable A4 size triplicate book kept on site. Instructions issued shall be recorded by the Architect or other Employer's Agents to whom the Architect has delegated authority to in the book. Only instructions issued in such book shall be recognised. b) Daily Record Book: The Contractor shall record in triplicate in a suitable A4 size triplicate book kept at the site, a daily record of work done, all site visits by the Principal Agent and other professional personnel and all events affecting the Works, such as progress, issue of plans, breakdown of machinery, etc. The labour, plant and material on site shall be recorded as well as work performed. Entries must be made by the Contractor and must be signed and forwarded to the Principal Agent for his counter-signature on a daily basis. Copies of these records shall be for the Architect, Quantity Surveyor and Contractor.		
99	F: …….. V: …….. T: ……...	Item	
		Carried to Collection	**R**

			Amount
	C7. Labour record At the end of each week the contractor shall provide the principal agent with a written record, in schedule form, reflecting the number and description of tradesmen and labourers employed by him and all subcontractors on the works each day.		
100	F: …….. V: …….. T: ……...	Item	
	C8. Plant record At the end of each week the contractor shall provide the principal agent with a written record, in schedule form, reflecting the number, type and capacity of all plant, excluding hand tools, currently used on the works.		
101	F: …….. V: …….. T: ……...	Item	
	C9. Encroachment During the course of the building operations, the Contractor shall be held entirely responsible for any encroachment onto any adjoining properties, buildings, etc., or servitudes and the cost of any remedial measures as required by the Principal Agent shall be borne by the Contractor.		
102	F: …….. V: …….. T: ……...	Item	
	C10. Method Statement The Tenderer shall produce, when required to do so by the Principal Agent, a Method Statement outlining the methods of construction and labour and plant resources that he proposes to use in the execution of the Works. Any approval given or observation made by the Principal Agent shall not relieve the Contractor of his sole responsibility to adopt the methods of construction and to provide the labour and plant resources necessary for the due and proper timeous execution of the Works.		
103	F: …….. V: …….. T: ……...	Item	
	C11. Unauthorised Persons/Workmen on Premises The Contractor shall at all times strictly exclude all unauthorised persons from the Works and the site and shall set up notice boards to that effect. No workmen or labourers (except security guards) are to be allowed under any circumstances to sleep or deposit any kit on the premises. The Contractor must provide any necessary independent shelter or shed required for any labour or watchmen on site, to the approval of the Employer.		
104	F: …….. V: …….. T: ……...	Item	
	C12. Mode of Procedure Notwithstanding anything to the contrary contained herein the Principal Agent at all times reserves the right to direct the order in which the various parts of the Contract are to be executed. The Contractor shall give priority to any individual section or portion of the Works that, in the opinion of the Principal Agent, requires to be expedited.		
	Carried to Collection	**R**	

			Amount
	Should it appear, in the Principal Agent's opinion, that work in any area is not being executed in accordance with the requirements of the Contract Programme, the Contractor shall provide additional manpower and resources and shall work additional overtime and do everything else required to bring the work back to programme to the satisfaction of the Principal Agent and to the Contractor's cost.		
105	F: ……..… V: ….…… T: ……...	Item	
	C13. Location of Temporary Buildings and Temporary Services		
	The Contractor shall provide all necessary temporary works, including temporary roads, tracks, crossings, hardstanding and services, hoardings, dust screens, tunnelling, etc., required for his own and sub-contractors use during the construction and maintenance period.		
	There is no guarantee given or implied that Site conditions will be such that the Contractor will be able to erect such temporary works, roads, hardhats, offices, stores and temporary accommodation within the site boundaries and it shall be the Contractor's responsibility to adopt whatever measures he deems necessary in this regard and to obtain all necessary permission and pay all costs in connection therewith.		
106	F: ……..… V: ….…… T: ……...	Item	
	C14. Office accommodation		
	The contractor shall provide, maintain and remove on practical completion air conditioned office accommodation with suitable tables and chairs for meetings to be held on the site. Such offices shall be kept clean and fit for use at all times [12.2.18]		
107	F: ……..… V: ….…… T: ……...	Item	
	C15. Storage Facilities		
108	The Contractor shall provide a Container for storage of materials.	Item	
109	F: ……..… V: ….…… T: ……...	Item	
	C16. Removal and Making Good of Temporary Works, etc, on Completion		
	The Contractor shall remove (except where specifically stated otherwise) all temporary works, roads, services and the like used for this contract and shall make good to the entire satisfaction of the Principal Agent any damage resulting therefrom.		
110	F: ……..… V: ….…… T: ……...	Item	
111	SUB - TOTAL: FIXED ITEMS	Item	
112	SUB - TOTAL: VALUE - RELATED ITEMS	Item	
113	SUB - TOTAL: TIME - RELATED ITEMS	Item	
	PRELIMINARIES		
	Carried to Collection	**R**	

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PRELIMINARIES			
COLLECTION			
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	Carried To Section Summary	**R**	

	Unit	Quantity	Rate	Amount

SECTION NO. 1

PRELIMINARIES

BILL NO. 2

HEALTH AND SAFETY

MODEL PREAMBLES

The tenderer is referred to the "General Preambles for Trades 2017" for supplementary and comprehensive expansion of descriptions, appropriate provision for which shall be deemed to have been included in all relevant rates.

BUILDING AGREEMENT AND PRELIMINARIES

1. The Principal Building Agreement shall be the JBCC Series Edition 4.1, March 2005 as recommended by the Joint Building Contract Committee and as amended by this Tender Enquiry.

The JBCC Principal Building Agreement contract data form an integral part of this agreement

2. The Preliminaries shall be JBCC Series 2000, May 2005 for use with the Principal Building Agreement as recommended by the Joint Building Contracts Committee and as amended by this Tender Enquiry shall be deemed to be incorporated herein.

PREAMBLES FOR TRADES

The General Preambles for Trades 2017 published by the Association of South African Quantity Surveyors shall be deemed to be incorporated in these bills of quantities and no claims arising from brevity of description of items fully described in the said General Preambles will be entertained

Supplementary preambles and/or specifications are incorporated in these bills of quantities to satisfy the requirements of this project. Such supplementary preambles and/or specifications shall take precedence over the provisions of the General Preambles

The contractor's prices for all items through-out these bills of quantities shall take account of and include where applicable for all of the obligations, requirements and specifications given in the General Preambles and in any supplementary preambles and/or specifications

If any ambiguity or discrepancy in any of the documents forming part of the contract is found, then the contract data and or amendments within the special conditions of contract and herein shall prevail in cases of conflict between any of the documents

Carried to Collection **R**

		Unit	Quantity	Rate	Amount
	INSERTION OF HEALTH AND SAFETY QUANTITIES				
	Contractors are required to insert quantities next to each item in this section of the bill of quantities and should not lump the items into a single sum or amount. This fully priced schedule must be included as part of the priced bill of quantities returnable with tender submission				
	PRICING OF PRELIMINARIES				
	Contractors are required to price all individual items in this section of the bill of quantities and should not lump the items into a single sum or amount. This fully priced schedule must be included as part of the priced bill of quantities returnable with tender submission				
	SUPPLEMENTARY PREAMBLES				
	Supplementary preambles and/or specifications are incorporated in these bills of quantities to satisfy the requirements of this project. Such supplementary preambles and/or specifications shall take precedence over the provisions of the General Preambles.				
	The contractor's prices for all items throughout these bills of quantities shall take account of and include where applicable for all of the obligations, requirements and specifications given in the General Preambles and in any supplementary preambles and/or specifications.				
	Prior to pricing the principal contractor must familiarize him/herself with the Occupational Health and Safety Act No. 85 Of 1993, Construction Regulations 2014, other relevant Regulations and Standards as well as project specific Health & Safety specifications.				
	The items in this Bill do not contain quantities hence the Contractor must insert his own quantities based on his individual requirements to comply with the Health and Safety obligations and demands of the Occupational Health and Safety Act No. 85 of 1993, Construction Regulations 2014, other relevant Regulations and Standards as well as project specific Health & Safety Specifications.				
	The costs included herein must incorporate Community Liaison Officer (CLO).				
	OCCUPATIONAL HEALTH AND SAFETY				
	General:				
1	Preparation of Contractor's site specific Health and Safety Plan.	No	1		
2	Submission of the Health and Safety File.	Item			
3	Principal Contractor's initial obligations in respect of the OHS Act and Construction Regulations.	Item			
	Carried to Collection			**R**	

		Unit	Quantity	Rate	Amount
4	Principal Contractor's time related obligations in respect of the OHS Act and Construction Regulations for the entire construction period.	Item			
5	Provision of full time Health and Safety Officer for the entire construction period.	No	1		
6	Induction training of personnel.	No	10		
7	Provision of first aid boxes.	No	1		
	Provision for Personal Protective Equipment and Protective Clothing:				
8	Hard hats.	No	10		
9	Reflector Vests	No	10		
10	Protective foot wear.	No	10		
11	Ear Plugs.	No	20		
12	Dust Masks.	No	20		
	Costs of Medical Certificates and Medical Surveillance:				
13	Initial (baseline) medical examinations.	No	10		
14	Exit Examinations.	No	10		
	Noise Monitoring:				
15	Establishment of noise zones.	No	1		
16	Audiograms.	No	1		
	Carried to Collection			**R**	

			Amount
BILL NO. 2 **HEALTH AND SAFETY** **COLLECTION**			
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SECTION NO. 1

PRELIMINARIES

SECTION SUMMARY

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Section No. 1
SECTION SUMMARY

SECTION NO. 2

ALTERATIONS (PROVISIONAL)

	Unit	Quantity	Rate	Amount

SECTION NO. 2

ALTERATIONS (PROVISIONAL)

BILL NO. 1

ALTERATIONS

MODEL PREAMBLES

The tenderer is referred to the "General Preambles for Trades 2017" for supplementary and comprehensive expansion of descriptions, appropriate provision for which shall be deemed to have been included in all relevant rates.

SUPLEMENTARY PREAMBLES

Responsibility for site

The Contractor is to note that upon possession of the site by himself, and extending until practical completion is achieved, he is solely responsible for the site, site security, general upkeep and cleaning of the site and all other responsibilities in maintaining a construction site in conformance with but not limited to, the Construction Regulations 2014, all local by-laws, all user client regulations, and all Client regulations and procedures. Tenderers are therefore urged to study all available material and to investigate the site fully and areas contiguous to the site, in order to determine the range and extent of responsibility. No additional monetary and/or time claims will be entertained in respect of the above

General

The Contractor shall carry out the whole of the works with as little mess and noise as possible and with a minimum amount of disturbance to adjoining classroom blocks and their students. He shall provide proper protection of the works and provide, erect and remove when directed, any temporary tarpaulins that may be necessary during the progress of the works, all to the satisfaction of the Principal Agent

Water supply pipes and other piping that may be encountered and found necessary to disconnect or cut, shall be effectually stopped off or grubbed up and removed, and any new connections that may be necessary shall be made with proper fittings, to the satisfaction of the Principal Agent

Carried to Collection **R**

		Unit	Quantity	Rate	Amount
	Making good implies that all necessary repairs are to be made to reinstate articles that may be damaged through the removal or otherwise, and the supplying of any new materials to match existing work, and is to include any necessary repairs to adjacent finishings such as floors, skirtings, plaster, painting, etc and such making good is to match adjoining work in all respects and in all trades				
	The Contractor to acknowledge that sequencing of the work will be necessary to accommodate the operational aspects of the school. The Contractor to accordingly factor the above requirement in the construction programme and pricing				
	Where removal is included in the heading, sub-heading or item description, prices shall be deemed to include for the necessary costs of removal and appropriate disposal of materials including but not limited to labour, transportation and disposal costs. No further claims in this regard will be entertained				
	REMOVAL OF EXISTING WORK				
	Removal of rocks on site, etc:				
1	Remove rocks on site and dumping them to a near by site located by the contractor.	Item			
	Removal of grass and vegitation on access driveway area, etc:				
2	Remove of grass and vegitation on access driveway area and dumping them to a near by site located by the contractor.	m²	140		
	Removal of grass and vegitation on paved areas, etc:				
3	Remove of grass and vegitation on paved areas and dumping them to a near by site located by the contractor.	m²	387		
	Approved brand of weed killer:				
4	Apply weed killer over paved area	m²	387		
	Removal of grass and vegitation on v-drains, etc:				
5	Remove of grass and vegitation on v-drains and dumping them to a near by site located by the contractor.	m²	185		
	Miscellaneous Items:				
6	Allow an amount for miscellaneous items and work.	Item			
	Carried to Collection			**R**	

		Amount
BILL NO. 1 **ALTERATIONS** **COLLECTION**		
	Page No	
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SECTION NO. 2

ALTERATIONS (PROVISIONAL)

SECTION SUMMARY

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Section No. 2
SECTION SUMMARY

SECTION NO. 4

EXTERNAL WORKS (PROVISIONAL)

		Unit	Quantity	Rate	Amount
	SECTION NO. 4				
	EXTERNAL WORKS (PROVISIONAL)				
	BILL NO. 1				
	ACCESS DRIVEWAY				
	MODEL PREAMBLES				
	The tenderer is referred to the "General Preambles for Trades 2017" for supplementary and comprehensive expansion of descriptions, appropriate provision for which shall be deemed to have been included in all relevant rates.				
	Excavation not exceeding 2m deep:				
1	Reducing levels and depositing excavated material in prescribed stock piles on site.	m³	45		
	Extra over all excavations for loading, carting and dumping surplus excavated material (no allowance made for increase in bulk):				
2	Off site to a dumping site to be found by the Contractor.	m³	45		
	Filling supplied by the contractor under driveways:				
3	G7 Base course material compacted to 98% Mod AASHTO density	m³	23		
4	Over site of Selected Subgrade G5 material in accordance with SABS 1 200 DM in layers not exceeding 150mm thick and compacted to 95% Mod AASHTO density.	m³	23		
	Rip and Re - compact insitu material on site compacted to 93% Mod. AASHTO density:				
5	Under roads	m²	140		
	Prescribed density tests on filling:				
6	In-situ dry density test.	No	5		
	Approved brand of anti-termite soil poison applied by a Registered Pest Control Company and guaranteed against termite infestation for ten years:				
7	Treat filling under paving with 'Chlordane Heptachlor Aldrin' or equal approved.	m²	140		
	150-175mm diameter bollards:				
8	2100mm long tanalith treated gum pole planted 800mm deep including excavations, cartaways, concrete base etc.	No	14		
	Carried To Section Summary			**R**	

		Unit	Quantity	Rate	Amount
	SECTION NO. 4				
	EXTERNAL WORKS (PROVISIONAL)				
	BILL NO. 2				
	FENCING AND GATES				
	MODEL PREAMBLES				
	The tenderer is referred to the "General Preambles for Trades 2017" for supplementary and comprehensive expansion of descriptions, appropriate provision for which shall be deemed to have been included in all relevant rates.				
	Gates:				
1	Two leafed vehicular swing gate. Size 5500mm x 1800mm high.	No	1		
	Padlocks:				
2	Supply 50 mm "Viro" Padlocks and Keys (or equal approved)	No	1		
	Carried To Section Summary			**R**	

SECTION NO. 4

EXTERNAL WORKS (PROVISIONAL)

SECTION SUMMARY

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2	FENCING AND GATES	4-3	

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SECTION NO. 5

PROVISIONAL SUMS

					Amount
	SECTION NO. 5				
	PROVISIONAL SUMS				
	MODEL PREAMBLES				
	The tenderer is referred to the "General Preambles for Trades 2017" for supplementary and comprehensive expansion of descriptions, appropriate provision for which shall be deemed to have been included in all relevant rates.				
	SUPPLEMENTARY PREAMBLES				
	Tenderers are advised that no claim in respect of loss of profit or Preliminary charges based on the omission of these amounts will be considered and the said amounts will be omitted strictly without any financial compensation payable to the Contractor.				
	Provisional sums and Budgetary allowances contained herein may be omitted or reduced at the Employer's discretion and the Contractor shall not be entitled to claim for any loss by way of reductions or omission of any discount, or percentage relating to Provisional amounts and Budgetary sums or any loss of profit related thereto.				
	BUDGETARY ALLOWANCES				
	The following budgetary allowances are for work to be executed at rates in the bills of quantities or to be agreed by the Principal agent:				
1	Provide the sum of R6 500.00 for the employment of a Community Liaison Officer to be employed by the Main Contractor and be paid an allowance of R6 500.00 a month for the full contract duration.		Item		6 500 00
2	Add: Mark-up 10%	1	%		
			Carried to Final Summary	**R**	

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2	ALTERATIONS (PROVISIONAL)	2-5		
4	EXTERNAL WORKS (PROVISIONAL)	4-4		
5	PROVISIONAL SUMS	5-2		
	ADD: CONTINGENCIES			
	Allow the Amount of R16 000.00 (Sixteen Thousand Rands) for contingencies, to be used by the Principal Agent in terms of Clause 17 of the Principal Building Agreement.			16 000 00
	SubTotal excluding Value Added Tax			
	ADD VAT @ 15%:			
	Carried to Tender		**R**	

FINAL SUMMARY