

<u>Item No</u>	<u>Unit</u>	<u>Quantity</u>	<u>Rate</u>	<u>Amount</u>
<b><u>BILL No. 1</u></b>				
<b><u>SECTION 1</u></b>				
<b><u>PRELIMINARIES</u></b>				
1				NOTES
2				i) The agreement is to be the JBCC Series 2000 Principal Building Agreement (Edition 4.1) prepared by the Joint Building Contracts Committee, March 2005
3				ii) The Tenderer is deemed to have taken cognizance of the abovementioned documents for the full intent and meaning of each clause. These clauses are referred to by clause number and heading only
4				iii) Where standard clauses or options are not applicable to this contract such modifications, corrections or supplements as are necessary, are given under each relevant clause
5				iv) Tenderers are referred to the above-mentioned 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 clause thereof (hereinafter referred to by heading and clause number only) for which such allowance must be made as may be considered necessary
6				v) Where any item is not relevant to this specific contract such item is marked N/A (signifying "not applicable")
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	<b><u>Definitions and interpretation (clause 1)</u></b>				
1	Fixed: _____ Value related: _____ Time related: _____		Item		
	<b><u>Objective (A2)</u></b>				
	<b><u>Offer, acceptance and performance (clause 2)</u></b>				
2	Fixed: _____ Value related: _____ Time related: _____		Item		
	<b><u>Preparation (A3-A14)</u></b>				
	<b><u>Documents (clause 3)</u></b>				
3	Fixed: _____ Value related: _____ Time related: _____		Item		
	<b><u>Design responsibility (clause 4)</u></b>				
4	Fixed: _____ Value related: _____ Time related: _____		Item		
	<b><u>Employer's agents (clause 5)</u></b>				
5	Fixed: _____ Value related: _____ Time related: _____		Item		
	<b><u>Contractor's site representative (clause 6)</u></b>				
6	Fixed: _____ Value related: _____ Time related: _____		Item		
	<b><u>Compliance with regulations (clause 7)</u></b>				
7	Fixed: _____ Value related: _____ Time related: _____		Item		
	<b><u>Works risk (clause 8)</u></b>				
8	Fixed: _____ Value related: _____ Time related: _____		Item		
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	<b><u>Indemnities (clause 9)</u></b>				
1	Fixed: _____ Value related: _____ Time related: _____		Item		
	<b><u>General insurances (clause 10)</u></b>				
2	All insurances are to be taken by the Contractor				
3	Fixed: _____ Value related: _____ Time related: _____		Item		
	<b><u>Special insurances (clause 11)</u></b>				
4	Fixed: _____ Value related: _____ Time related: _____		Item		
	<b><u>Effecting insurance (clause 12)</u></b>				
5	Fixed: _____ Value related: _____ Time related: _____		Item		
	<b><u>Assignment (clause 13)</u></b>				
6	Fixed: _____ Value related: _____ Time related: _____		Item		
	<b><u>Security (clause 14)</u></b>				
7	Fixed: _____ Value related: _____ Time related: _____		Item		
	<b><u>Execution (A15-A23)</u></b>				
	<b><u>Preparation for and execution of the works (clause 15)</u></b>				
8	Fixed: _____ Value related: _____ Time related: _____		Item		
	<b><u>Site and Access (clause 16)</u></b>				
9	Fixed: _____ Value related: _____ Time related: _____		Item		
	<b>Carried to Collection</b>			R	
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	<b><u>Contract instructions (clause 17)</u></b>				
1	Fixed: _____ Value related: _____ Time related: _____		Item		
	<b><u>Setting out of the works (clause 18)</u></b>				
2	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				
3	The contractor shall perform tolerance control checks regularly throughout the contract period and report on this at regular interval to the Principal Agent in the approved format. Should the contractor fail to comply with this requirement to the satisfaction of the the Principal Agent, progressively as the structure is being constructed, the Employer will commission a Registered Land Surveyor to do so on the Contractor's behalf and at the Contractor's Expense.				
4	Fixed: _____ Value related: _____ Time related: _____		Item		
	<b><u>Temporary Works and Plant (clause 19)</u></b>				
5	Fixed: _____ Value related: _____ Time related: _____		Item		
	<b><u>Selected sub-contractors (clause 21)</u></b>				
6	Notwithstanding the content of this clause, the contractor's attention is drawn to the fact that all the work provided for by means of the inclusion of provisional amounts elsewhere in these bills of quantities, is to be executed and installed in the works during the construction period by selected sub-contractors				
7	The selected sub-contractors shall be chosen, as far as possible, by the principal agent together with the contractor				
8	Fixed: _____ Value related: _____ Time related: _____		Item		
	<b>Carried to Collection</b>			R	
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	<b><u>Employer's direct contractors (clause 22)</u></b>				
1	The Contractor shall allow the direct contractors and employers agents access to the work, allocate reasonable space in the building for storage of their materials, tools and equipment, all to the satisfaction of the Principal Agent. The contractor shall also allow the direct contractors, etc. free of charge, use of their ablution facilities and water and power supply to the and shall in no way hinder or prevent the execution of their works. Attendance may be priced against the relevant specified items in the bills of quantities.				
2	Fixed: _____ Value related: _____ Time related: _____		Item		
	<b><u>Contractor's domestic sub-contractors (Clause 23)</u></b>				
3	Fixed: _____ Value related: _____ Time related: _____		Item		
	<b><u>Completion (A24-A30)</u></b>				
	<b><u>Practical completion (clause 24)</u></b>				
4	Fixed: _____ Value related: _____ Time related: _____		Item		
	<b><u>Works completion (clause 25)</u></b>				
5	Fixed: _____ Value related: _____ Time related: _____		Item		
	<b><u>Final completion (clause 26)</u></b>				
6	Fixed: _____ Value related: _____ Time related: _____		Item		
	<b><u>Latent defects liability period (clause 27)</u></b>				
7	Fixed: _____ Value related: _____ Time related: _____		Item		
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	<b><u>Sectional completion (clause 28)</u></b>				
1	Fixed: _____ Value related: _____ Time related: _____		Item		
	<b><u>Revision of date of practical completion (clause 29)</u></b>				
	<b><u>Clause 29.1.1 shall be deemed to be omitted and replaced by the following:</u></b>				
2	Inclement weather shall be defined as weather in excess of the average rainfall (volume and period) for each calendar month over the past ten (10) years as recorded by the nearest commonly recognised weather bureau in the region of the project				
3	It shall be deemed that the contractor has adequately allowed in his programme and tendered rates for expenses which might result from delays due to average or below rainfall as described above				
4	Fixed: _____ Value related: _____ Time related: _____		Item		
	<b><u>Penalty for non-completion (42.2.7)</u></b>				
5	Fixed: _____ Value related: _____ Time related: _____		Item		
	<b><u>Payment (A31 - A35)</u></b>				
6	Interim payment to the contractor (clause 31)				
7	Notwithstanding this or any other clause, materials and goods stored off site shall not be included in the amount authorized for payment				
	<b><u>Clause 31.6.5 shall be deemed to be deleted</u></b>				
	<b><u>Clause 31.9:</u></b>				
	<b><u>The wording "seven (7)" be replaced with "thirty (30)"</u></b>				
8	Fixed: _____ Value related: _____ Time related: _____		Item		
	<b>Carried to Collection</b>			R	
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<u>Item No</u>		<u>Unit</u>	<u>Quantity</u>	<u>Rate</u>	<u>Amount</u>
	<b><u>Adjustment to the contract value (clause 32)</u></b>				
1	Fixed: _____ Value related: _____ Time related: _____		Item		
	<b><u>Recovery of expense and loss (clause 33)</u></b>				
2	Fixed: _____ Value related: _____ Time related: _____		Item		
	<b><u>Final account and final payment (clause 34)</u></b>				
3	Fixed: _____ Value related: _____ Time related: _____		Item		
	<b><u>Payment to other parties (clause 35)</u></b>				
4	Fixed: _____ Value related: _____ Time related: _____		Item		
	<b><u>Termination (A36-A39)</u></b>				
	<b><u>Termination by employer - contractor's default (clause 36)</u></b>				
5	Fixed: _____ Value related: _____ Time related: _____		Item		
	<b><u>Termination by employer - loss and damage (clause 37)</u></b>				
6	Fixed: _____ Value related: _____ Time related: _____		Item		
	<b><u>Termination by contractor - employer's default (clause 38)</u></b>				
7	Fixed: _____ Value related: _____ Time related: _____		Item		
	<b><u>Termination - cessation of the works (clause 39)</u></b>				
8	Fixed: _____ Value related: _____ Time related: _____		Item		
	<b><u>Dispute (A40)</u></b>				
	<b>Carried to Collection</b>			R	
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	<b><u>Settlement of Disputes (clause 40)</u></b>				
1	Fixed: _____ Value related: _____ Time related: _____		Item		
	<b><u>Contract Agreement (A41)</u></b>				
	<b><u>The schedule: Post-tender information (clause 41)</u></b>				
2	Fixed: _____ Value related: _____ Time related: _____		Item		
	<b><u>Contract Agreement (A41)</u></b>				
	<b><u>The schedule: Post-tender information (clause 41)</u></b>				
3	Fixed: _____ Value related: _____ Time related: _____		Item		
	<b><u>CONTRACT DATA - EMPLOYER TO CONTRACTOR</u></b>				
4	Given hereunder are all variables referred to in the Principal Building Agreement and which are set out in "Contract Data EC", prepared and published by the Joint Building Contracts Committee: Edition 4.1 Code 2101- EC March 2005.				
	<b><u>42.1 CONTRACTING AND OTHER PARTIES</u></b>				
	<b><u>42.1.1 Employer:</u></b>				
5	Development Bank of Southern Africa 1258 Lever Road, Headway Hill, Midrand,  Gauteng, 1685, South Africa.				
	<b><u>42.1.2 Principal Agent:</u></b>				
6	Indigo Kulani Group 32 Fricker Road Illovo, Sandton, 2196 Tel: 011 440 2672				
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<b><u>42.1.3 Agent (1): ARCHITECTURE</u></b>				
1	Indigo Kulani Group 32 Fricker Road Illovo, Sandton, 2196 Tel: 011 440 2672			
<b><u>42.1.4 Agent (2): QUANTITY SURVEYING</u></b>				
2	Indigo Kulani Group 32 Fricker Road Illovo, Sandton, 2196 Tel: 011 440 2672			
<b><u>42.1.5 Agent (3): CIVIL AND STRUCTURAL ENGINEERING</u></b>				
3	Indigo Kulani Group 32 Fricker Road Illovo, Sandton, 2196 Tel: 011 440 2672			
<b><u>42.2 CONTRACT DETAILS</u></b>				
<b><u>42.2.1 Works Description:</u></b>				
4	The Works entails:			
5	(a) Refurbishment of existing Classrooms and Toilets			
<b><u>42.2.2 Site Description:</u></b>				
6	Nhlabosini Reserve, Shatane, KwaMbonambi, 3915			
7	( Co-ordinates :-28.48299 S, 32.01683 E)			
<b><u>42.2.3 Works or installations by direct contractors:</u></b>				
8	No			
<b><u>42.2.4 Specific options that are applicable to a State organ only:</u></b>				
9	(1) Interest rate legislation:			
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1	N/A				
2	(2) Lateral support insurance to be effected by the contractor:				
3	N/A				
4	(3) Payment will be made for materials and goods:				
5	Yes				
6	(4) Dispute resolution by litigation:				
7	N/A				
8	(5) Extended defects liability period applicable to the following				
9	elements:				
10	N/A				
	<b><u>42.2.5 Possession of the site is to be given on:</u></b>				
11	Date to be determined				
	<b><u>42.2.6 Period for the commencement of the works after</u></b>				
12	the contractor takes possession of the site:				
13	Within five (5) days				
	<b><u>42.2.7 The date for practical completion and the penalty per calendar day</u></b>				
14	for the works as a whole:				
15	Date:				
16	TBC				
17	Penalty:				
18	TBC				
	<b>Carried to Collection</b>				R
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<u>Item No</u>	<u>Unit</u>	<u>Quantity</u>	<u>Rate</u>	<u>Amount</u>
<b><u>42.4 DOCUMENTS</u></b>				
<b><u>42.4.1 Waivers of contractor's lien or right of continuing possession is required:</u></b>				
1	Yes			
<b><u>42.4.2 Construction document copies to be supplied to the contractor free of charge:</u></b>				
2	Three (3) copies of each			
<b><u>42.4.3 Bills of quantities drawn up in accordance with:</u></b>				
3	Standard System of Measuring Building Work (7th edition 2015)			
<b><u>42.4.4 On acceptance of the tender the bills of quantities is to be submitted:</u></b>				
4	Within fourteen (14) calendar days			
<b><u>42.4.5 JBCC Engineering General Conditions are to be included in the documents:</u></b>				
5	Yes			
<b><u>42.4.6 The contract value is to be adjusted using CPAP:</u></b>				
6	No			
7	Base month of indexes: N/A			
<b><u>42.4.7 Details of changes made to the provision of JBCC standard documentation:</u></b>				
8	"Refer to Contract Data"			
<b><u>42.5 CONTRACT DETAILS</u></b>				
9	All post-tender information for this section will be determined once tender is awarded			
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	<b><u>42.6 DOCUMENTS</u></b>				
1	All post-tender information for this section will be determined once tender is awarded				
	<b><u>42.7 DISPUTE RESOLUTION</u></b>				
2	All post-tender information for this section will be determined once tender is awarded				
	<b><u>42.8 SIGNATURES OF THE CONTRACTING PARTIES</u></b>				
3	All post-tender information for this section will be determined once tender is awarded				
	<b><u>SECTION B: PRELIMINARIES</u></b>				
	<b><u>Definition and interpretation (B1)</u></b>				
	<b><u>Definition and interpretation (B1.1 - B1.6.5)</u></b>				
4	Fixed: _____ Value related: _____ Time related: _____		Item		
	<b><u>Documents (B2)</u></b>				
	<b><u>Checking of documents (B2.1)</u></b>				
5	These bills of quantities:				
6	-1 Contain pages and annexes as indexed, and;				
7	-2 Are in multiple procurement format, i.e. all trades are fully measured with minor budgetary allowances trades are fully measured with minor budgetary allowances				
8	Items in these bills of quantities are to be read and priced in conjunction with and the descriptions regarded as amplified by the Model Preambles for Trades, 2008 edition, as recommended and published by the Association of South African Quantity Surveyors and no claim arising from brevity of description of items fully described in the said Model Preambles for Trades will be entertained				
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1	Fixed: _____ Value related: _____ Time related: _____		Item		
	<b><u>Provisional bills of quantities (B2.2)</u></b>				
2	Fixed: _____ Value related: _____ Time related: _____		Item		
	<b><u>Availability of construction documentation (B2.3)</u></b>				
3	The minor budgetary allowances included in this document will be separately procured, based on multiple procurement of selected sub-contractors during the construction period				
4	Fixed: _____ Value related: _____ Time related: _____		Item		
	<b><u>Interests of agents (B2.4)</u></b>				
5	Fixed: _____ Value related: _____ Time related: _____		Item		
	<b><u>Priced documents (B2.5)</u></b>				
6	Fixed: _____ Value related: _____ Time related: _____		Item		
	<b><u>Tender submission (B2.6)</u></b>				
7	Notwithstanding anything contained in this clause tenders shall be valid for a period of ninety (90) days from the closing date of tenders				
8	Fixed: _____ Value related: _____ Time related: _____		Item		
	<b><u>The site (B3)</u></b>				
	<b><u>Defined works area (B3.1)</u></b>				
9	Fixed: _____ Value related: _____ Time related: _____		Item		
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	<b><u>Geotechnical investigation (B3.2)</u></b>				
1	Fixed: _____ Value related: _____ Time related: _____		Item		
	<b><u>Inspection of the site (B3.3)</u></b>				
	<b><u>No claims for extras arising from the contractor having failed to comply with this clause will be entertained</u></b>				
2	Fixed: _____ Value related: _____ Time related: _____		Item		
	<b><u>Existing premises occupied (B3.4)</u></b>				
3	Fixed: _____ Value related: _____ Time related: _____		Item		
	<b><u>Protection of trees, etc (B3.9)</u></b>				
4	Fixed: _____ Value related: _____ Time related: _____		Item		
	<b><u>Inspection of adjoining properties, etc (B3.11)</u></b>				
5	Fixed: _____ Value related: _____ Time related: _____		Item		
	<b><u>Management of contract (B4)</u></b>				
	<b><u>Management of the works (B4.1)</u></b>				
6	Fixed: _____ Value related: _____ Time related: _____		Item		
	<b><u>Programming for the works (B4.2)</u></b>				
	<b><u>Clause B4.2 is hereby amended by the addition of the following:</u></b>				
	<b><u>Programme</u></b>				
7	The contractor and the principal agent shall agree to a Contract Programme for the control of the Works.				
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1	The contractor shall submit a draft of the Contract Programme and method statement to the principal agent for approval together with the tender.				
2	The contractor shall ensure that the contract programme:				
3	1. Shall be prepared and drawn up to comply in all respects with the requirements of this Agreement.				
4	2. Shall be drawn up using logic developed during the tender period and complies with the planning requirements of the Client.				
5	3. Shall be in accordance with the dates given herein for possession and practical completion; and				
6	4. Shall be in sufficient and approved detail to ensure effective control of the work, including all items necessary to enable calculations to be made for the distribution of finance during the cash-flow analysis.				
7	5. Shall be accompanied by a full written method statement				
8	The principal agent shall examine and comment on the contract programme and method statement within two weeks of its submission.				
9	Following on these comments the contractor shall amend the contract programme and method statement as may be necessary and submit the final contract programme and method statement to the principal agent for approval within a further two weeks thereafter.				
10	The contract programme shall be processed by computer and be presented to the principal agent in the form of logic charts and bar charts in such a way as to determine the critical path and the float on non-critical activities. All supporting printouts must be available to the principal agent on demand.				
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1	The acceptance by the principal agent of the contract programme, or any revision thereof, does not necessarily sanction the accuracy of validity of the network logic, the correctness of individual activities in terms of description or duration, the comprehensiveness of networks or the discrepancies between drawings and any other documents presented by the contractor, and in no way relieves the responsibility of the contractor to comply with the requirements of the Agreement.				
2	No policy decisions other than the planning requirements, procedures and policies provided, will be enforced on the contractor regarding construction of the project and the contractor shall be responsible at all times for ensuring the accuracy, validity and reasonableness of programming information.				
3	Documentation will not be available in complete detail at the date of award of the contract. Non-availability of information will not be deemed an excuse for nonpresentation of programmes. In the event of inadequate information, the contractor shall estimate the predicted time applications on available information and qualify the submission accordingly.				
4	Development of the contract programme and method statement				
5	Within two weeks of award of the contract, the contractor shall submit an updated contract programme and written method statement which shall include the latest information in sufficient detail to permit comprehensive monitoring.				
6	Progress of the works will be monitored by the principal agent. The contractor shall liaise with the principal agent in order to provide whatever information is required to facilitate such monitoring.				
7	Revisions to the contract programme				
8	Revisions to the contract programme may be introduced periodically by the contractor subject to compliance with the contract completion and handover dates.				
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1	Providing the required consultation between the relevant parties has highlighted the implications of the required changes, the programming strategy on the project may be changed and the changes noted and specified on logic charts delivered to the principal agent. The changes to the programme will be recorded as firm and binding once the principal agent has sanctioned the said changes.				
2	A revision to the programme will not invalidate the contractual completion dates and applications for extensions of time will be processed by the principal agent in accordance with the conditions of contract.				
3	Should the contractor fail to submit a request for revision to the construction programme, progress monitoring shall be based on the latest revised programme sanctioned by the principal agent.				
4	The contractor shall make all his necessary revisions on the approved network sheets clearly marking, inter-alia, the logic changes and duration changes. These will then be processed by the necessary parties and then approved in the normal manner.				
5	Progress Monitoring				
6	The contractor shall provide regular progress reports showing actual and expected progress against the latest contract programme. Progress reports shall be submitted at each site progress meeting and shall outline the progress against key target dates and deviation which has occurred against the most recently updated control programme due to the progress reflected in the as-built construction programme.				
7	The status of each activity must also be reported as follows:				
8	Target - If the activity is not complete, the latest predicted completion date shall be supplied.				
9	Start - If the activity has commenced, the actual date shall be supplied.				
10	Finish - If the activity is complete, the actual completion date shall be supplied.				
<b>Carried to Collection</b>					R
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<u>Item No</u>		<u>Unit</u>	<u>Quantity</u>	<u>Rate</u>	<u>Amount</u>
1	Problems which may occur during execution of the contract must be specifically identified in progress reports under a separate section of the contractor's report.				
2	Should problems occur during the execution of the contract or the scope of work be increased or decreased, the contractor may be requested to increase the extent or the detail of the programme.				
3	The principal agent may recommend action to be taken by the contractor, including the revision of resource levels, but this information will not be binding on the contractor unless the recommendations are enforced in terms of the conditions of contract by the principal agent and will in no way relieve the contractor of the responsibility to comply with the requirements of the Agreement.				
4	Extension of time				
5	Any extension of time which is granted by the principal agent will be annotated to affect selected activities in the programme and the associated activities will be incorporated by revisions to the programme by the contractor. Should the additional activities or the extension of time on existing activities fall on a noncritical area of the programme, extension will be limited to the activities affected by the said additional activities				
6	or extensions and the contract dates shall not be affected. If, however, the additional activities fall on the critical path, the principal agent shall take this into account when granting any extension of time in terms of the conditions of contract.				
7	The contractor agrees that the contract completion date (i.e. the date for practical completion) has been stipulated in the contract for the benefit of the employer, so that, without derogating from the generality of the afore going principle it is provide that:				
8	1. The contractor shall not be entitled to deliver the site and the works to the employer prior to the contract completion date; and				
<b>Carried to Collection</b>					R
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## Refurbishment of VIP Ablutions, Classrooms & External Works

<u>Item No</u>	<u>Unit</u>	<u>Quantity</u>	<u>Rate</u>	<u>Amount</u>
1				
2				
3				
4				
5				
<b>Progress meetings (B4.3)</b>				
6				
<b>Technical meetings (B4.4)</b>				
7				
<b>Labour and plant records (B4.5)</b>				
8				
<b>Carried to Collection</b>				R
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<u>Item No</u>		<u>Unit</u>	<u>Quantity</u>	<u>Rate</u>	<u>Amount</u>
	<b><u>Samples and shop drawings (B5)</u></b>				
	<b><u>Samples of materials (B5.1)</u></b>				
1	Fixed: _____ Value related: _____ Time related: _____		Item		
	<b><u>Workmanship samples (B5.2)</u></b>				
2	Fixed: _____ Value related: _____ Time related: _____		Item		
	<b><u>Temporary works and plant (B6)</u></b>				
	<b><u>Enclosure of the works (B6.1)</u></b>				
3	Fixed: _____ Value related: _____ Time related: _____		Item		
	<b><u>Advertising (B6.2)</u></b>				
4	Fixed: _____ Value related: _____ Time related: _____		Item		
	<b><u>Plant, equipment, sheds and offices (B6.3)</u></b>				
5	Fixed: _____ Value related: _____ Time related: _____		Item		
	<b><u>Main notice board (B6.4)</u></b>				
6	Fixed: _____ Value related: _____ Time related: _____		Item		
	<b><u>Temporary services (B7)</u></b>				
	<b><u>Location (B7.1)</u></b>				
7	Fixed: _____ Value related: _____ Time related: _____		Item		
	<b>Carried to Collection</b>			R	
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<u>Item No</u>		<u>Unit</u>	<u>Quantity</u>	<u>Rate</u>	<u>Amount</u>
	<b><u>Water (B7.2)</u></b>				
1	Fixed: _____ Value related: _____ Time related: _____		Item		
	<b><u>Electricity (B7.3)</u></b>				
2	Fixed: _____ Value related: _____ Time related: _____		Item		
	<b><u>Telecommunication equipment (B7.4)</u></b>				
3	Fixed: _____ Value related: _____ Time related: _____		Item		
	<b><u>Ablution facilities (B7.5)</u></b>				
4	Fixed: _____ Value related: _____ Time related: _____		Item		
	<b><u>Prime cost amounts (B8)</u></b>				
	<b><u>Responsibility for prime cost amounts (B8.1)</u></b>				
5	Fixed: _____ Value related: _____ Time related: _____		Item		
	<b><u>Attendance on nominated and selected subcontractors (B9)</u></b>				
	<b><u>General attendance (B9.1)</u></b>				
6	Fixed: _____ Value related: _____ Time related: _____		Item		
	<b><u>Special attendance (B9.2)</u></b>				
7	Fixed: _____ Value related: _____ Time related: _____		Item		
	<b>Carried to Collection</b>			R	
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<u>Item No</u>	<u>Unit</u>	<u>Quantity</u>	<u>Rate</u>	<u>Amount</u>
<b><u>Commissioning - Fuel, water and power (B9.3)</u></b>				
1	Fixed: _____ Value related: _____ Time related: _____	Item		
<b><u>Financial aspects (B10)</u></b>				
<b><u>Statutory taxes, duties and levies (B10.1)</u></b>				
<b><u>Provision is made in the summary of these bills of quantities for the inclusion of Value Added Tax (VAT)</u></b>				
2	Fixed: _____ Value related: _____ Time related: _____	Item		
<b><u>Payment of preliminaries (B10.2)</u></b>				
3	Fixed: _____ Value related: _____ Time related: _____	Item		
<b><u>Adjustment of preliminaries (B10.3)</u></b>				
4	Fixed: _____ Value related: _____ Time related: _____	Item		
<b><u>Payment certificate cash flow (B10.4)</u></b>				
5	Fixed: _____ Value related: _____ Time related: _____	Item		
<b><u>General (B11)</u></b>				
<b><u>Protection of works (B11.1)</u></b>				
6	Fixed: _____ Value related: _____ Time related: _____	Item		
<b><u>Protection/isolation of existing/sectionally occupied work (B11.2)</u></b>				
7	Fixed: _____ Value related: _____ Time related: _____	Item		
<b>Carried to Collection</b>				R
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<u>Item No</u>		<u>Unit</u>	<u>Quantity</u>	<u>Rate</u>	<u>Amount</u>
	<b><u>Site security (B11.3)</u></b>				
1	Fixed: _____ Value related: _____ Time related: _____		Item		
	<b><u>Notice before covering work (B11.4)</u></b>				
2	Fixed: _____ Value related: _____ Time related: _____		Item		
	<b><u>Disturbance (B11.5)</u></b>				
3	Fixed: _____ Value related: _____ Time related: _____		Item		
	<b><u>Enviromental disturbance (B11.6)</u></b>				
4	Fixed: _____ Value related: _____ Time related: _____		Item		
	<b><u>Works cleaning and clearing (B11.7)</u></b>				
5	Fixed: _____ Value related: _____ Time related: _____		Item		
	<b><u>Overhand work (B11.8)</u></b>				
6	Fixed: _____ Value related: _____ Time related: _____		Item		
	<b><u>Instruction manuals and guarantees (B11.9)</u></b>				
7	Fixed: _____ Value related: _____ Time related: _____		Item		
	<b><u>As built information (B11.10)</u></b>				
8	Fixed: _____ Value related: _____ Time related: _____		Item		
	<b><u>Tenant installations (B11.11)</u></b>				
9	Fixed: _____ Value related: _____ Time related: _____		Item		
	<b>Carried to Collection</b>			R	
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<u>Item No</u>		<u>Unit</u>	<u>Quantity</u>	<u>Rate</u>	<u>Amount</u>
	<b><u>Schedule of variables (B12)</u></b>				
	<b><u>Pre-tender information (B12.1)</u></b>				
1	Fixed: _____ Value related: _____ Time related: _____		Item		
	<b><u>12.1.1 Provisional bills of quantities (B12.1.1)</u></b>				
2	The quantities are provisional:				
3	Yes				
	<b><u>12.1.2 Availability of construction documentation (B12.1.2)</u></b>				
4	Construction documentation is complete:				
5	Yes				
	<b><u>12.1.3 Interest of agents (B12.1.3)</u></b>				
6	No				
	<b><u>12.1.4 Defined works area (B12.1.4)</u></b>				
7	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 The area of the works to be occupied by the				
	<b><u>12.1.5 Geotechnical investigation (B12.1.5)</u></b>				
8	N/A				
	<b><u>12.1.6 Existing premises occupied (B12.1.6)</u></b>				
9	N/A				
	<b><u>12.1.7 Previous work - Dimensional accuracy (B12.1.7)</u></b>				
10	No				
	<b>Carried to Collection</b>			R	
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<u>Item No</u>	<u>Unit</u>	<u>Quantity</u>	<u>Rate</u>	<u>Amount</u>
<b><u>12.1.8 Previous work - Defects (B12.1.8)</u></b>				
1	No			
<b><u>12.1.9 Services - known (B12.1.9)</u></b>				
2	Existing services and points of connection			
3	will be pointed out on site by the principal			
4	agent			
<b><u>12.1.10 Protection of trees (B12.1.10)</u></b>				
5	N/A			
<b><u>12.1.11 Inspection of adjoining properties (B12.1.11)</u></b>				
6	Yes			
<b><u>12.1.12 Enclosure of the works (B12.1.12)</u></b>				
7	(See notes to tenders)			
<b><u>12.1.13 Offices (B12.1.13)</u></b>				
8	The contractor shall provide, maintain and			
9	remove on completion of the works an office			
10	for the exclusive use for meetings to be held			
11	on site.			
<b><u>12.1.14 Main notice board (B12.1.14)</u></b>				
12	The contractor shall provide, erect where directed, maintain and remove on completion of the works a notice board size 3 x 3m high. The exact extent of the details, colour scheme and wording will be provided by the principal agent on the day of the site handover. The board shall be securely fixed to and including a suitable supporting structure of timber or tubular posts and braces			
<b>Carried to Collection</b>				R
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<u>Item No</u>		<u>Unit</u>	<u>Quantity</u>	<u>Rate</u>	<u>Amount</u>
	<b><u>Post-tender information (B12.2)</u></b>				
1	All post-tender information for this section will be determined once tender is awarded				
2	Fixed: _____ Value related: _____ Time related: _____		Item		
	<b><u>SECTION C: SPECIFIC PRELIMINARIES</u></b>				
	<b><u>Clause C1 Contract Drawings</u></b>				
3	The drawings issued with the tender documents do not comprise the complete set but serve as a guide only for tendering purposes and for indicating the scope of the work to enable the tenderer to acquaint him/herself with the nature and extent of the works and the manner in which they are to be executed				
4	Should any part of the drawings not be clearly understood by the tenderer he/she shall, before submitting his tender, obtain clarification in writing from the principal agent				
5	Fixed: _____ Value related: _____ Time related: _____		Item		
	<b><u>Clause C2 General Preambles</u></b>				
6	The document "Specification of Materials and Methods to be used (PW371)" is obtainable on the Department's website ( <a href="http://www.publicworks.gov.za/">http://www.publicworks.gov.za/</a> under "Consultants Guidelines") and shall be read in conjunction with the bills of quantities and be referred to for the full descriptions of work to be done and materials to be used				
7	Fixed: _____ Value related: _____ Time related: _____		Item		
	<b><u>Clause C3 Trade Names</u></b>				
8	Wherever a trade name for any product has been described in the bills of quantities, the tenderer's attention is drawn to the fact that any other product of equal quality may be used subject to the written approval of the principal agent being obtained prior to the closing date for submission of tenders.				
	<b>Carried to Collection</b>			R	
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1	If prior written approval for an alternative product is not obtained, the product described shall be deemed to have been tendered for.				
2	Fixed: _____ Value related: _____ Time related: _____		Item		
	<b><u>Clause C4 Proprietary branded products</u></b>				
3	The contractor shall take delivery of, handle, store, use, apply and/or fix all proprietary branded products in strict accordance with the manufacturers' instructions after consultation with the manufacturer's authorized representative				
4	Fixed: _____ Value related: _____ Time related: _____		Item		
	<b><u>Clause C5 Overtime</u></b>				
5	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				
6	Fixed: _____ Value related: _____ Time related: _____		Item		
	<b><u>Clause C7 Site instructions</u></b>				
7	All site instructions issued on site shall be recorded in writing within seven (7) calendar days in site instruction book (A4 size and triplicate carbon format), which is to be provided and maintained by the contractor. The said site instruction book shall be kept on site at all times for the exclusive use of recording site instructions only				
8	Site instructions may be issued by the principal agent only. Other consultants, where necessary, may issue site instructions in consultation with the principal agent. Copies of the site instructions are to be submitted to the principal agent and quantity surveyor within seven (7) calendar days of such recording in the site instruction book				
	<b>Carried to Collection</b>			R	
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1	Fixed: _____ Value related: _____ Time related: _____		Item		
	<b><u>Clause C8 Labour record</u></b>				
2	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				
3	Fixed: _____ Value related: _____ Time related: _____		Item		
	<b><u>Clause C9 Plant record</u></b>				
4	At the end of each calendar 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				
5	Fixed: _____ Value related: _____ Time related: _____		Item		
	<b><u>Clause C10 Non-cession of monies</u></b>				
6	The contractor shall not cede nor assign his rights or claims to any monies due or to become due to him under this contract				
7	Fixed: _____ Value related: _____ Time related: _____		Item		
	<b><u>Clause C11 Occupational Health and Safety Act</u></b>				
8	The contractor shall comply with all the requirements set out in the Construction Regulations, 2014 issued under the Occupational Health and Safety Act, 1993 (Act No 85 of 1993).				
9	It is required of the contractor to thoroughly study the Health and Safety Specification that must be read together with and is deemed to be incorporated under this Section of the bills of quantities / lump sum document.				
	<b>Carried to Collection</b>			R	
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<u>Item No</u>		<u>Unit</u>	<u>Quantity</u>	<u>Rate</u>	<u>Amount</u>
1	The contractor must take note that compliance with the Occupational Health and Safety Act, Construction Regulations and Health and Safety Specification is compulsory. In the event of partial or total non compliance, the principal agent, notwithstanding the provisions of clause A31.0 of Section A or any other clause to the contrary, reserves the right to delay issuing any progress payment certificate until the contractor provides satisfactory proof of compliance. The contractor shall not be entitled to any compensation of whatsoever nature, including interest, due to such delay of payment.				
2	Provision for pricing of the Occupational Health and Safety Act, Construction Regulations and Health and Safety Specification is made under the items following this clause and no additional claims in this regard shall be entertained.				
3	Note to Quantity Surveyor				
4	Failure, by the Tenderer, to price the items indicated below individually or per item will result in the Tender being deemed non-responsive. The legal requirements contemplated in the Construction Regulations (CR) 5(1)(g):				
5	“A Client must ensure that potential principal contractors submitting tenders, have made adequate provision for the cost of health and safety measures”				
6	and CR 5(1)(h):				
7	“A client must ensure that principal contractor to be appointed has the necessary competencies and resources to carry out the construction work safely”				
8	shall apply and will be used to motivate the disqualification of the Tender.				
9	The Contractor’s attention is further drawn to Section 41 of the Occupational Health and Safety Act No. 85 Of 1993: This Act not affected by agreements				
<b>Carried to Collection</b>					R
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<u>Item No</u>		<u>Unit</u>	<u>Quantity</u>	<u>Rate</u>	<u>Amount</u>
1	Subject to the provisions of sections 10 (4) and 37 (2), a provision of this Act or a condition specified in any notice or direction issued there under or subject to which exemption was granted to any person under section 40, shall not be affected by any condition of any agreement, whether such agreement was entered into before or after the commencement of this Act or before or after the imposition of any such condition, as the case may be.				
2	Note to Principal Contractor				
3	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.				
4	Note to Principal Contractor				
5	After pricing of the health and safety bill of quantities, the Contractor must sign the Certificate of Acquaintance as evidence that he has agreed to the contents, 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. Failure, by the Tenderer, to sign the Certificate of Acquaintance may result in the Tender being deemed non-responsive		Item		
	<b><u>C11.1 - Notification of Commencement Of Work</u></b>				
6	Notify the provincial director in writing of the commencement of construction work with and including submission of a letter of receipt and acknowledgement of the aforementioned notice by the director of his/her representative				
7	Fixed: _____ Value related: _____ Time related: _____		Item		
	<b><u>C11.2 - Contribution to Workman's Compensation or FEM</u></b>				
8	Allow for the necessary Workman's Compensation Fund or FEM contributions for the duration of the project with and including renewals				
	<b>Carried to Collection</b>			R	
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<u>Item No</u>		<u>Unit</u>	<u>Quantity</u>	<u>Rate</u>	<u>Amount</u>
1	Fixed: _____ Value related: _____ Time related: _____		Item		
	<b><u>COVID-19 RELATED ITEMS</u></b>				
	<b><u>C11.3 - Preparation and Approval of OHS Plan And File</u></b>				
2	Allow for the preparation and approval of project-specific Health and Safety Plan and File [CR 7(1)(a)]				
3	Fixed: _____ Value related: _____ Time related: _____		Item		
	<b><u>C11.4 - Implementation and Maintenance of OHS Plan And File</u></b>				
4	Allow for the implementation and maintenance of project-specific Health and Safety Plan and File. [CR 7]				
5	Fixed: _____ Value related: _____ Time related: _____		Item		
	<b><u>C11.5 - Appointment of Health and Safety Officer</u></b>				
6	Allow for the appointment, on a full-time basis, of a competent Health and Safety Officer who is registered with SACPCMP to assist in the control of all health and safety related aspects on site as per [CR 8(5)]				
7	Fixed: _____ Value related: _____ Time related: _____		Item		
	<b><u>C11.6 - Appointment of Competent and Responsible Persons</u></b>				
8	Provide for appointment of responsible and competent person/s to manage and supervise the works and administer and enforce health and safety on site as per [CR 8(1),(2), &(7)]				
9	Fixed: _____ Value related: _____ Time related: _____		Item		
	<b>Carried to Collection</b>			R	
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<u>Item No</u>		<u>Unit</u>	<u>Quantity</u>	<u>Rate</u>	<u>Amount</u>
	<b><u>C11.7 - Telecommunications Facilities</u></b>				
1	Allow for provision of laptop, printer and telecommunication facilities for the appointed Construction Health and Safety Officer				
2	Fixed: _____ Value related: _____ Time related: _____		Item		
	<b><u>C11.8 - Basic Emergency and Response Equipment</u></b>				
3	Allow for provision of basic emergency preparedness and response equipment and at least Level 2 First Aider/s				
4	Fixed: _____ Value related: _____ Time related: _____		Item		
	<b><u>C11.9 - Personal Protective Equipment and Clothing</u></b>				
5	The Contractor must provide, supply and maintain for each worker SANS approved personal protective equipment and clothing as per the site-specific risk assessments				
	<b><u>C11.9.1 - Hard Hats</u></b>				
6	Hard Hats (High Density polyethylene and 6-point lining)				
7	Fixed: _____ Value related: _____ Time related: _____		Item		
	<b><u>C11.9.2 - Work Suits</u></b>				
8	Overall / work suit (100% Cotton)				
9	Fixed: _____ Value related: _____ Time related: _____		Item		
	<b><u>C11.9.3 - Safety Shoes</u></b>				
10	Safety boots / shoes (Steel-Toe)				
11	Fixed: _____ Value related: _____ Time related: _____		Item		
	<b>Carried to Collection</b>			R	
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<u>Item No</u>		<u>Unit</u>	<u>Quantity</u>	<u>Rate</u>	<u>Amount</u>
	<b><u>C11.9.4 - Safety Gloves</u></b>				
1	Surgical Gloves				
2	Fixed: _____ Value related: _____ Time related: _____		Item		
	<b><u>C11.9.5 - Hand sanitizers (70% alcohol content) and Hand soaps</u></b>				
3	Hand sanitizers and Hand soap				
4	Fixed: _____ Value related: _____ Time related: _____		Item		
	<b><u>C11.9.6 - Dust Masks/ covid-19 face musks</u></b>				
5	Dust mask (at least FF2 type)				
6	Fixed: _____ Value related: _____ Time related: _____		Item		
	<b><u>C11.9.7 - Respirators</u></b>				
7	Respirators				
8	Fixed: _____ Value related: _____ Time related: _____		Item		
	<b><u>C11.9.8 - Safety Goggles</u></b>				
9	Safety goggles				
10	Fixed: _____ Value related: _____ Time related: _____		Item		
	<b><u>C11.9.9 - Fall and Rescue Equipment</u></b>				
11	Personal fall arrest and rescue equipment with and including life lines and associated equipment				
12	Fixed: _____ Value related: _____ Time related: _____		Item		
	<b>Carried to Collection</b>			R	
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<u>Item No</u>		<u>Unit</u>	<u>Quantity</u>	<u>Rate</u>	<u>Amount</u>
	<b><u>C11.9.10 - Visibility Attire</u></b>				
1	High visibility reflective vests and / or bibs				
2	Fixed: _____ Value related: _____ Time related: _____		Item		
	<b><u>C11.9.11 - Temporary Support</u></b>				
3	Temporary handrails, toe boards, edge protection, etc., other than for access scaffolding				
4	Fixed: _____ Value related: _____ Time related: _____		Item		
	<b><u>C11.9.12 - Temporary Warning Signs</u></b>				
5	Temporary warning signs and symbols				
6	Fixed: _____ Value related: _____ Time related: _____		Item		
	<b><u>C11.9.13 - Safety Netting</u></b>				
7	SANS Approved safety netting (orange colour with minimum of 1,2 meters high)				
8	Fixed: _____ Value related: _____ Time related: _____		Item		
	<b><u>C11.9.15 - Pre-Employment Medical Examinations</u></b>				
9	Allow for pre-employment medical examinations				
10	Fixed: _____ Value related: _____ Time related: _____		Item		
	<b><u>C11.9.15.1 - Non - contact thermometers</u></b>				
11	Non - contact thermometers				
12	Fixed: _____ Value related: _____ Time related: _____		Item		
	<b>Carried to Collection</b>			R	
	<i>SECTION NO. 1: PRELIMINARIES</i>				
	<i>Bill No. 1: Preliminaries</i>				
	<b>DBSA-KZN</b>				

**Refurbishment of VIP Ablutions, Classrooms & External Works**  
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<u>Item No</u>		<u>Unit</u>	<u>Quantity</u>	<u>Rate</u>	<u>Amount</u>
	<b><u>C11.10 - Health and Safety Awareness</u></b>				
1	Allow for all compulsory health and safety awareness programmes (e.g. inductions, toolbox talks, safety promotions, OHS related training, etc.)				
2	Fixed: _____ Value related: _____ Time related: _____		Item		
	<b><u>C11.11- Health and Safety Training</u></b>				
3	Allow for all health and safety training (e.g. H&S representative, working at heights, fall protection planner, first aider level 2, scaffolding inspector, erector, supervisor, temporary works erector, construction plant operators etc.)				
4	Fixed: _____ Value related: _____ Time related: _____		Item		
	<b><u>C11.12 - Handling and Storage of Materials</u></b>				
5	Provide for adequate handling and storage of materials so as to minimize contamination of ground, air or water				
6	Fixed: _____ Value related: _____ Time related: _____		Item		
	<b><u>C11.13 - Collection and Disposal of Waste Material</u></b>				
7	Provide for the adequate and safe collection and disposal of general and hazardous waste material from site by an approved method				
8	Fixed: _____ Value related: _____ Time related: _____		Item		
	<b><u>C11.14 - Worker Facilities</u></b>				
9	Provide adequate and appropriate facilities and eating area for workers				
10	Fixed: _____ Value related: _____ Time related: _____		Item		
	<b>Carried to Collection</b>			R	
	<i>SECTION NO. 1: PRELIMINARIES</i>				
	<i>Bill No. 1: Preliminaries</i>				
	<b>DBSA-KZN</b>				

<u>Item No</u>		<u>Unit</u>	<u>Quantity</u>	<u>Rate</u>	<u>Amount</u>
	<b><u>C11.15 - Maintenance of Records, Inspections, Etc.</u></b>				
1	Provide for a responsible person to prepare and update method statements, conduct regular inspections, maintain records and report to the Principal Agent				
2	Fixed: _____ Value related: _____ Time related: _____		Item		
	<b><u>Clause C12 Security Clauses</u></b>				
3	Viewing of site in security areas, commencement of work in security areas, entrance permits to security areas, security check on personnel, prohibition on taking photographs are not applicable				
4	Fixed: _____ Value related: _____ Time related: _____		Item		
	<b><u>Clause C13 HIV/AIDS Awareness</u></b>				
5	It is required of the contractor to thoroughly study the HIV/AIDS Specification (PW1544) of the Department of Public Works that must be read together with and is deemed to be incorporated under this Section of the Bills of Quantities. Provision for pricing of HIV/AIDS awareness is made under items C10.1 to C10.5 hereafter and it is explicitly pointed out that all requirements of the aforementioned specification are deemed to be priced hereunder, as the said items represent the only method of measurement and no additional items or extras to the contract in this regard shall be entertained				
6	The contractor must take note that compliance with the HIV/AIDS Specification is compulsory. In the event of partial or total non-compliance, the principal agent, notwithstanding the provisions of Clause A 31 of “Section 1: Preliminaries (Section A)” or any other clause to the contrary, reserves the right to delay issuing any progress payment certificate until the contractor provides satisfactory proof of compliance. The contractor shall not be entitled to any compensation of whatsoever nature, including interest, due to such delay of payment				
	<b>Carried to Collection</b>			R	
	<i>SECTION NO. 1: PRELIMINARIES</i> <i>Bill No. 1: Preliminaries</i> <b>DBSA-KZN</b>				

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<u>Item No</u>		<u>Unit</u>	<u>Quantity</u>	<u>Rate</u>	<u>Amount</u>
	<b><u>C13.1 - Awareness Campaign</u></b>				
1	Selection, appointment, briefing and making available of an Awareness Campaign including provision of all relevant services, all in accordance with the HIV/AIDS Specification				
2	Fixed: _____ Value related: _____ Time related: _____		Item		
	<b><u>C13.2 - Awareness Workshops</u></b>				
3	Selection and appointment of a competent Service Provider approved by the principal agent, provision of a Service Provider Workshop Plan and a suitable venue, conducting of awareness workshops by means of traditional and/or modern multi-media techniques, including follow-up courses, making available all tuition material and performing assessment procedures, all in accordance with the HIV/AIDS Specification				
4	Fixed: _____ Value related: _____ Time related: _____		Item		
	<b><u>C13.3 - Posters, Booklets, Videos, Etc.</u></b>				
5	Provision, displaying, maintaining and replacing when necessary of four plastic laminated posters, booklets and educational videos, etc., for the duration of the construction period, all in accordance with the HIV/AIDS Specification				
6	Fixed: _____ Value related: _____ Time related: _____		Item		
	<b><u>C13.4 - Monitoring</u></b>				
7	Monitoring HIV/AIDS awareness of workers, providing the principal agent with access to information including making available all reports, thoroughly completed and reflecting the correct information, for the duration of the construction period and close out, all in accordance with the HIV/AIDS Specification				
8	Fixed: _____ Value related: _____ Time related: _____		Item		
	<b>Carried to Collection</b>			R	
	<i>SECTION NO. 1: PRELIMINARIES</i> <i>Bill No. 1: Preliminaries</i> <b>DBSA-KZN</b>				



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<u>Item No</u>		<u>Unit</u>	<u>Quantity</u>	<u>Rate</u>	<u>Amount</u>
	<b><u>Clause C14 Reporting by Contractor</u></b>				
1	The contractor is required to complete the attached Contractor's Monthly Report which is to be submitted together with the Contractor's payment claim. Payment of the contractor's is conditional on this information being adequate, accurate and timeously submitted				
2	Fixed: _____ Value related: _____ Time related: _____		Item		
	<b><u>Clause C15 Structural Safety</u></b>				
3	The contractor shall take due care and reasonable measures to ensure that all alterations works are structurally practicable and safe. The contractor shall provide for and price under the relevant demolition item for all necessary temporary propping and support as maybe required				
4	Fixed: _____ Value related: _____ Time related: _____		Item		
	<b><u>Clause C16 Condemned Work</u></b>				
5	The contractor shall remove from site all materials not conforming with the relevant specification and condemned by the Principal Agent whether incorporated in the works or not. The contractor shall replace such material and re-execute the affected works in accordance with the contract and without expense to the Employer				
6	The contractor shall also bear the expense of making good any other work damaged or destroyed by such removal or replacement				
7	Fixed: _____ Value related: _____ Time related: _____		Item		
	<b>Carried to Collection</b>			R	
	SECTION NO. 1: PRELIMINARIES Bill No. 1: Preliminaries DBSA-KZN				

<u>Item No</u>		<u>Unit</u>	<u>Quantity</u>	<u>Rate</u>	<u>Amount</u>
	<b><u>Clause C17 Co-operation of Contractor for Cost Management</u></b>				
1	It is specifically agreed that the contractor accepts the obligation of assisting the Principal Agent in implementing proper project cost management. The contractor will be advised by the Principal Agent of all cost management procedures which will be implemented to ensure that the final building costs do not exceed the budget. The Principal Agent undertakes to make available to the contractor all budgetary allowances and cost assessments / reports to enable the proper procedure to be implemented and the contractor shall attend all cost plan review and cost management meetings. The contractor undertakes to extend these procedures, as necessary, to all subcontractors				
2	Fixed: _____ Value related: _____ Time related: _____		Item		
	<b><u>Clause C18 Disposal of Solid Waste / Environmentally Sensitive Materials</u></b>				
3	All disposal of solid waste shall be done at an approved disposal site to be located by the contractor. All handling of environmentally sensitive materials such as asbestos, etc. is to be carried out by a registered waste disposal specialist and all laws and by-laws of the appropriate state body are to be complied and adhered. Written confirmation of appropriate disposal is to be issued to the Principal Agent by the registered waste disposal specialist				
4	Fixed: _____ Value related: _____ Time related: _____		Item		
	<b><u>Clause C19 Interference with Traffic Flow and Nearby Properties</u></b>				
5	All operations necessary for the execution of the works and for the construction of any temporary works shall not have unnecessary or improper interference with access of public permanent roads and footpaths. The contractor shall indemnify the Employer in respect of all claims, demands, proceedings, damages, costs, charges, and expenses whatsoever arising out of or in respect of or in relation to any such matters				
	<b>Carried to Collection</b>			R	
	<i>SECTION NO. 1: PRELIMINARIES</i> <i>Bill No. 1: Preliminaries</i> <b>DBSA-KZN</b>				

**Refurbishment of VIP Ablutions, Classrooms & External Works**  
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<u>Item No</u>		<u>Unit</u>	<u>Quantity</u>	<u>Rate</u>	<u>Amount</u>
1	The contractor shall at all times accommodate such provisions as may be necessary in the opinion of the Principal Agent to ensure that disruptions to the occupants of the nearby buildings or the public is kept to an absolute minimum				
2	The contractor shall make all necessary provisions in his rates for his requirements and no additional entitlement on the part of the contract in compliance with these requirements shall be entertained				
3	The contractor must reinstate the existing street, pavings, kerbs, etc., to their original state or condition on completion of the works to the satisfaction of the Principal Agent				
4	Fixed: _____ Value related: _____ Time related: _____		Item		
	<b><u>Clause C20 Local Building Materials</u></b>				
5	Preference shall be given to the supply and use of materials produced and/or manufactured in the Gauteng Province, provided that:				
6	a) Such materials comply in all respects with the specific requirements of PW371;				
7	b) The availability of such materials shall not adversely affect the desired progress of the specific works;				
8	c) The use of such materials shall not constitute grounds for any claim for increased costs in respect thereof				
9	Fixed: _____ Value related: _____ Time related: _____		Item		
	<b><u>Clause C21 Local Labour and Local Labour Rates</u></b>				
10	It is a condition of this tender that only persons normally resident in the locality of the works (local labour) may be employed on the contract as the unskilled or general labour force. In the event that adequate and appropriate labour is not available within the locality, other labour may be considered subject to satisfactory proof being provided that all reasonable endeavour has been made to employ labour from the locality				
	<b>Carried to Collection</b>			R	
	<i>SECTION NO. 1: PRELIMINARIES</i> <i>Bill No. 1: Preliminaries</i> <b>DBSA-KZN</b>				

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<u>Item No</u>		<u>Unit</u>	<u>Quantity</u>	<u>Rate</u>	<u>Amount</u>
1	The contractor, together with the Social Facilitator and the Community Liaison Officer (CLO), shall set-up a labour desk through which all local labour requirements shall be outlined and employment facilitated thereof				
2	Tenderers are informed that the rate for unskilled labourers will be a minimum of R 166.08 (One Hundred and Sixty Six Rand and Eight Cents) per day				
3	Fixed: _____ Value related: _____ Time related: _____		Item		
	<b><u>Clause C22 Certificates of Compliance</u></b>				
4	The contractor will be expected to submit Certificates of Compliance (CoC's) for all elements of work as listed on the CoC register appended to this tender document. It is assumed that the contractor will include in his pricing the costs associated with producing the CoC's for each identified element. The CoC's are to be issued and signed by certified persons and in the case of items like glazing, etc. the CoC is to be issued by the manufacturer				
5	The contractor must take note that compliance with this requirement of the works is compulsory. In the event of partial or total non-compliance, the principal agent, notwithstanding the provisions of clause A31.0 of Section A or any other clause to the contrary, reserves the right to delay issuing any progress payment certificate until the contractor provides satisfactory proof of compliance. The contractor shall not be entitled to any compensation of whatever nature, including interest, due to such delay of payment. The principal agent may instruct the contractor to submit CoC's as part of the contractor's monthly report. The submission of the CoC's will be tracked according to the CoC register, an updated copy of which must be kept on site at all times				
6	Fixed: _____ Value related: _____ Time related: _____		Item		
	<b>Carried to Collection</b>			R	
	<i>SECTION NO. 1: PRELIMINARIES</i> <i>Bill No. 1: Preliminaries</i> <b>DBSA-KZN</b>				

<u>Item No</u>		<u>Unit</u>	<u>Quantity</u>	<u>Rate</u>	<u>Amount</u>
	<b><u>Clause C23 Employment of Community Liaison Officer (CLO)</u></b>				
1	The contractor shall employ a CLO for the project for the full duration of the contract. The duties of the CLO, remuneration and conditions of employment shall be in accordance with the "Agreement of Temporary Employment as CLO", to be agreed with the Employer				
2	A provisional amount is made in these Bills of Quantities under the Provisional Sums for the employment of the CLO and the tenderer is not to include any provisions for the payment of the CLO's salary when pricing this item				
3	Fixed: _____ Value related: _____ Time related: _____		Item		
	<b><u>Clause C24 Subcontracting, EME / QSE / SMME Development and Mentoring</u></b>				
4	The contractor shall be required to sub-contract work to local SMMEs / contractors which are EMEs / QSEs and have a CIDB grading that ranges from 1GB / 1CE to Grade 4GB / 4CE for the project				
5	The percentage value of the works to be sub-contracted to local SMMEs is to be of 20% of the total contract value excluding Preliminaries, Contingencies and Escalation (where applicable). The subcontracting agreement is to be entered into in accordance with the provisions of the Preferential Procurement Policy Framework Act, 2000: Preferential Procurement Regulations, 2017 as published by the National Treasury in Government Gazette No. 40553 of 20 January 2017, read in conjunction with the Specification for Social and Economic Deliverables in Construction Works Contracts version 2 of December 2008 published by the Construction Industry Development Board				
6	The list of local SMMEs from which tenderers are to choose potential sub-contractors has been included in the tender document. The SMMEs on the list have already been vetted by the DID and are compliant with regards to Centralised Supplier Database (CSD) and CIDB registration				
	<b>Carried to Collection</b>				R
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<u>Item No</u>		<u>Unit</u>	<u>Quantity</u>	<u>Rate</u>	<u>Amount</u>
1	However, it is the tenderer's responsibility to verify each potential sub-contractor under consideration to check that they have the requisite capacity i.e. financial and technical capability, track record and construction management systems to perform the scope of works that maybe allocated to them				
2	Tenderers will be required to go through a competitive tendering process for the identified sub-contract works. The priced tender documents are to be submitted together with the main tender document				
3	The scope and extent of the sub-contract works is to be agreed with the Employer prior to commencement with the works				
4	The contractor is required to make allowance for management and supervision of the SMMEs for the duration of the contract				
5	Fixed: _____ Value related: _____ Time related: _____		Item		
<b><u>C26 Labour Intensive Methods and Requirements</u></b>					
6	The contractor shall comply with all the requirements set out in the Code of Good Practice for Employment and Conditions of Employment Act, 1997 (Act No.75 of 1997) and promulgated in Government Gazettes Notice no. P64 of 25 January 2002				
7	It is required of the contractor to thoroughly study the Labour-Intensive Specification that must be read together with and is deemed to be incorporated under this Section of the bills of quantities				
8	The contractor must take note that compliance with the Labour-Intensive Act, is compulsory. In the event of partial or total non-compliance, the principal agent, notwithstanding the provisions of clause A31.0 of Section A or any other clause to the contrary, reserves the right to delay issuing any progress payment certificate until the contractor provides satisfactory proof of compliance. The contractor shall not be entitled to any compensation of whatever nature, including interest, due to such delay of payment				
<b>Carried to Collection</b>				R	
<b>SECTION NO. 1: PRELIMINARIES</b> <b>Bill No. 1: Preliminaries</b> <b>DBSA-KZN</b>					

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<u>Item No</u>		<u>Unit</u>	<u>Quantity</u>	<u>Rate</u>	<u>Amount</u>
1	Provision for pricing of the Labour-Intensive Specification is made under this clause and it is explicitly pointed out that all requirements of the aforementioned are deemed to be priced hereunder and no additional claims in this regard shall be entertained				
2	Fixed: _____ Value related: _____ Time related: _____		Item		
<b>Carried to Collection</b>					R
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*Section No. 1*

*Bill No. 1*

*Bill No. 1: Preliminaries*

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**Refurbishment of VIP Ablutions, Classrooms & External Works**  
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## Refurbishment of VIP Ablutions, Classrooms & External Works

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<u>Item No</u>		<u>Quantity</u>	<u>Unit</u>	<u>Rate</u>	<u>Amount</u>
	<p><b><u>BILL NO. 1: DEMOLITIONS</u></b></p> <p>NOTE: The contractor is advised to study the Model Preambles for Trades before pricing this bill</p> <p><b><u>Building Locations</u></b></p> <p>1. Boys 2. Girls 3. Staff 4. Classrooms, Kitchen &amp; Guard house 5. External Works 6. Provisional Sums F. Provisional Quantities G. Preliminaries</p> <p><b><u>View site</u></b></p> <p>Before submitting his tender the tenderer shall visit the site and satisfy himself as to the nature and extent of the work to be done and the value of the materials contained in the buildings or portions of the buildings to be demolished. No claim for any variations of the contract sum in respect of the nature and extent of the work or of inferior or damaged materials will be entertained</p> <p><b><u>Explosives</u></b></p> <p>No explosives whatsoever may be used for demolition purposes unless otherwise stated</p> <p><b><u>General</u></b></p> <p>Water supply pipes and other piping in ground 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</p> <p>Unless otherwise described all materials are to become the property of the contractor and are to be removed from the site</p> <p><b><u>Breaking up and removing</u></b></p>				
1	<p>100mm Thick reinforced concrete surface beds, paving, etc</p> <p>1 : 0          2 : 0          3 : 0          4 : 0</p> <p>5 : 71          6 : 0          F : 0          G : 0</p>	71	m2		
	<p style="text-align: right;"><b>Carried Forward to Summary of Section 2</b></p> <p><i>SECTION NO. 2: BUILDING WORKS</i> <i>Bill No. 1: Demolition</i> <b>DBSA-KZN</b></p>				R

<u>Item No</u>	<u>Quantity</u>	<u>Unit</u>	<u>Rate</u>	<u>Amount</u>
<b><u>BILL No. 2: ALTERATIONS</u></b>				
NOTE: The contractor is advised to study the Model Preambles for Trades before pricing this bill				
<b><u>Building Locations</u></b>				
1. Boys				
2. Girls				
3. Staff				
4. Classrooms, Kitchen & Guard house				
5. External Works				
6. Provisional Sums				
F. Provisional Quantities				
G. Preliminaries				
<b><u>View site</u></b>				
Before submitting his tender the tenderer shall visit the site and satisfy himself as to the nature and extent of the work to be done and the value of the materials salvageable from the alterations. No claim for any variations of the contract sum in respect of the nature and extent of the work or of inferior or damaged materials will be entertained				
<b><u>Explosives</u></b>				
No explosives whatsoever may be used for alteration purposes unless otherwise stated				
<b><u>General</u></b>				
The contractor shall carry out the whole of the works with as little mess and noise as possible and with a minimum of disturbance to tenants in the building and to adjoining premises and their tenants. He shall provide proper protection 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				
Doors, fanlights, windows, fittings, frames, linings, etc which are to remain the property of the employer shall be carefully taken out, temporarily stored, and handed over to the employer				
<b>Carried to Collection</b>			R	
<i>SECTION NO. 2: BUILDING WORKS</i>				
<i>Bill No. 2: Alterations</i>				
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<u>Item No</u>		<u>Quantity</u>	<u>Unit</u>	<u>Rate</u>	<u>Amount</u>
	<b><u>Take down and removing</u></b>				
1	Existing barge board and replace with new. (New elsewhere measured) 1 : 23      2 : 21      3 : 21      4 : 340 5 : 0      6 : 0      F : 0      G : 0	405	m		
2	Existing vent pipe and replace with new. (New elsewhere measured) 1 : 24      2 : 24      3 : 12      4 : 0 5 : 0      6 : 0      F : 0      G : 0	60	m		
	<b><u>Taking out and remove</u></b>				
3	Broken glazing in steel window not exceeding 2,5m <sup>2</sup> and replace with new. 1 : 8      2 : 8      3 : 4      4 : 0 5 : 0      6 : 79      F : 0      G : 0	99	No		
	<b><u>Taking out doors, windows, etc, including thresholds, sills, etc, and fixing new in similar position</u></b>				
4	Timber single door and frame 900 x 2100m high overall, including setting up and building in frame in new brickwork, rehanging door (New frame and door elsewhere measured). (Provisional) 1 : 8      2 : 8      3 : 5      4 : 0 5 : 0      6 : 0      F : 0      G : 0	21	No		
	<b><u>Taking out and removing ironmongery</u></b>				
5	Mortice lockset from timber door 1 : 0      2 : 0      3 : 0      4 : 0 5 : 0      6 : 0      F : 40      G : 0	40	No		
	<b><u>Taking down and removing roofs, floors, panelling, ceilings, partitions, etc</u></b>				
6	Asbestos roof sheeting and timber purlins by registered and approved contractor in compliance with Section 20 of the Environment Conservation Act 1989 (Act 73 of 1989) and dispose as directed 1 : 0      2 : 0      3 : 0      4 : 1191 5 : 0      6 : 0      F : 0      G : 0	1 191	m2		
	<b>Carried to Collection</b>				
	SECTION NO. 2: BUILDING WORKS Bill No. 2: Alterations DBSA-KZN			R	

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<u>Item No</u>		<u>Quantity</u>	<u>Unit</u>	<u>Rate</u>	<u>Amount</u>
1	Gypsum plasterboard ceilings, including timber bandering, cornices, etc 1 : 27      2 : 24      3 : 20      4 : 891 5 : 0      6 : 0      F : 0      G : 0	963	m2		
2	Vinyl floor covering 1 : 0      2 : 0      3 : 0      4 : 1054 5 : 0      6 : 0      F : 0      G : 0	1 054	m2		
	<b><u>Taking out and removing sanitary fittings, tanks, geysers, etc, including disconnecting from pipes, traps, etc and making good floor and wall finishes</u></b>				
3	Stainless steel slab urinal 1200 x 515mm high, including breaking up and removing 150mm wide concrete urinal step 1 : 0      2 : 0      3 : 1      4 : 0 5 : 0      6 : 0      F : 0      G : 0	1	No		
	<b><u>Taking out/off and removing glass and mirrors</u></b>				
4	Glass from steel windows, including cleaning out rebates and preparing for new glass 1 : 3      2 : 3      3 : 1      4 : 0 5 : 0      6 : 0      F : 0      G : 0	7	m2		
	<b><u>MAKING GOOD OF FINISHES ETC</u></b>				
	<b><u>Making good surface finishes</u></b>				
5	Plasterworks to receive new paint. (Paintwork elsewhere measured) 1 : 162      2 : 154      3 : 113      4 : 554 5 : 0      6 : 0      F : 0      G : 0	983	m2		
6	Concrete walkway 1 : 0      2 : 0      3 : 0      4 : 0 5 : 71      6 : 0      F : 0      G : 0	71	m2		
	<b><u>Make good cement screed</u></b>				
7	25mm Thick cement screed in patching 1 : 0      2 : 0      3 : 0      4 : 1054 5 : 0      6 : 0      F : 0      G : 0	1 054	m2		
	<b>Carried to Collection</b>				R
	<b>SECTION NO. 2: BUILDING WORKS</b>				
	<b>Bill No. 2: Alterations</b>				
	<b>DBSA-KZN</b>				

Refurbishment of VIP Ablutions, Classrooms & External Works  
Gijimana Secondary School-KZN

<u>Item No</u>		<u>Quantity</u>	<u>Unit</u>	<u>Rate</u>	<u>Amount</u>
	<b><u>Make good internal and external cement plaster</u></b>				
1	Walls in patching 1 : 0      2 : 0      3 : 0      4 : 377 5 : 0      6 : 0      F : 0      G : 0	377	m2		
2	Walls in patching with Sika 1 waterproofing additive including fixing galvanised birdmesh to brick walls 1 : 0      2 : 0      3 : 0      4 : 188 5 : 0      6 : 0      F : 0      G : 0	188	m2		
	<b><u>Overhaul existing timber doors and timber frames and service, including taking off, easing and rehangng, cramping up, re-welding as required and making good cramps, dowels, etc. and easing, oiling, adjusting and repairing ironmongery as necessary, replacing any glass damaged in removal or subsequently and stopping up all nail and screw holes with plastic wood. (New handles, stays, hinges, glazing elsewhere)</u></b>				
3	Timber frame and single swing door size 813 x 2032mm 1 : 0      2 : 0      3 : 0      4 : 0 5 : 0      6 : 0      F : 40      G : 0	40	No		
	<b><u>Inspect existing window sash, service, adjust and oil hinges, stays and handles as necessary (New handles, stays and hinges where required elsewhere measured)</u></b>				
4	Side hung steel sash 1 : 0      2 : 0      3 : 0      4 : 0 5 : 0      6 : 99      F : 0      G : 0	99	No		
5	Top hung steel sash 1 : 0      2 : 0      3 : 0      4 : 0 5 : 0      6 : 99      F : 0      G : 0	99	No		
	<b><u>Remove broken hinges, stays, handles and weld or screw on new to existing windows including screws, washers, grind welds smooth and touch up with cold galvanising, etc</u></b>				
6	Handle backplate 1 : 0      2 : 0      3 : 0      4 : 0 5 : 0      6 : 99      F : 0      G : 0	99	No		
	<b>Carried to Collection</b>				
	<i>SECTION NO. 2: BUILDING WORKS</i> <i>Bill No. 2: Alterations</i> <b>DBSA-KZN</b>				R



## Refurbishment of VIP Ablutions, Classrooms & External Works

<u>Item No</u>		<u>Quantity</u>	<u>Unit</u>	<u>Rate</u>	<u>Amount</u>
1	Peg stay pin bracket	99	No		
	1 : 0      2 : 0      3 : 0      4 : 0				
	5 : 0      6 : 99      F : 0      G : 0				
2	Peg stay rest bracket	99	No		
	1 : 0      2 : 0      3 : 0      4 : 0				
	5 : 0      6 : 99      F : 0      G : 0				
3	Peg stay fixing bracket	99	No		
	1 : 0      2 : 0      3 : 0      4 : 0				
	5 : 0      6 : 99      F : 0      G : 0				
4	Slide stay	99	No		
	1 : 0      2 : 0      3 : 0      4 : 0				
	5 : 0      6 : 99      F : 0      G : 0				
Carried to Collection					R
SECTION NO. 2: BUILDING WORKS					
Bill No. 2: Alterations					
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**Refurbishment of VIP Ablutions, Classrooms & External Works**  
**Gijimana Secondary School-KZN**

*Section No. 2*

*Bill No. 2*

*Bill No. 2: Alterations*

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*SECTION NO. 2: BUILDING WORKS*

*Bill No. 2: Alterations*

**DBSA-KZN**

<u>Item No</u>	<u>Unit</u>	<u>Quantity</u>	<u>Rate</u>	<u>Amount</u>
<b><u>BILL No. 3: CONCRETE, FORMWORK AND REINFORCEMENT</u></b>				
NOTE: The contractor is advised to study the Model Preambles for Trades before pricing this bill				
<b><u>Building Locations</u></b>				
1. Boys				
2. Girls				
3. Staff				
4. Classrooms, Kitchen & Guard house				
5. External Works				
6. Provisional Sums				
F. Provisional Quantities				
G. Preliminaries				
<b><u>SUPPLEMENTARY PREAMBLES</u></b>				
Concrete batching				
Unless otherwise agreed in writing by the Engineer all cement and aggregate shall be batched by weight using an acceptable concrete batching' plant. Details of the proposed type of batching plant must be submitted with the tender				
Cost of tests				
The costs of making, storing and testing of concrete test cubes as required under clause 7 "Tests" of SABS 1200 G shall include the cost of providing cube moulds necessary for the purpose, for testing costs and for submitting reports on the tests to the architect. The testing shall be undertaken by an independent firm or institution nominated by the contractor to the approval of the architect. (Test cubes are measured separately)				
Formwork				
Descriptions of formwork shall be deemed to include use and waste only (except where described as "left in" or "permanent"), for fitting together in the required forms, wedging, plumbing and fixing to true angles and surfaces as necessary to ensure easy release during stripping and for reconditioning as necessary before re-use. The vertical strutting shall be carried down to such construction as is sufficiently strong to afford the required support without damage and shall remain in position until the newly constructed work is able to support itself.				
<b>Carried to Collection</b>			R	
<i>SECTION NO. 2: BUILDING WORKS</i>				
<i>Bill No. 3: Concrete, Formwork and Reinforcement</i>				
<b>DBSA-KZN</b>				

<u>Item No</u>		<u>Unit</u>	<u>Quantity</u>	<u>Rate</u>	<u>Amount</u>
	<b><u>REINFORCED CONCRETE CAST AGAINST SURFACES</u></b>				
	<b><u>25MPa/19mm Concrete</u></b>				
1	Aprons and V-drains cast in panels on waterproofing 1 : 3      2 : 3      3 : 2      4 : 37 5 : 0      6 : 0      F : 0      G : 0	m3	45		
2	Walkways cast in panels on waterproofing 1 : 0      2 : 0      3 : 0      4 : 7 5 : 0      6 : 0      F : 0      G : 0	m3	7		
	<b><u>TEST CUBES</u></b>				
3	Making and testing 150 x 150 x 150mm concrete strength test cube 1 : 0      2 : 0      3 : 2      4 : 0 5 : 0      6 : 0      F : 0      G : 0	No	2		
	<b><u>Finishing top surfaces of concrete to an evenly ribbed non-slip surface</u></b>				
4	Surface beds, slabs, etc 1 : 25      2 : 23      3 : 45      4 : 411 5 : 0      6 : 0      F : 0      G : 0	m2	505		
	<b><u>ROUGH FORMWORK (DEGREE OF ACCURACY III)</u></b>				
	<b><u>Rough formwork to soffits</u></b>				
5	Edges, risers, ends and reveals not exceeding 300mm high or wide 1 : 25      2 : 23      3 : 21      4 : 411 5 : 0      6 : 0      F : 0      G : 0	m	480		
	<b><u>REINFORCEMENT</u></b>				
	<b><u>Fabric reinforcement</u></b>				
6	Type193 fabric reinforcement in concrete surface beds, slabs, etc 1 : 25      2 : 23      3 : 55      4 : 411 5 : 0      6 : 0      F : 0      G : 0	m2	514		
	<b>Carried to Collection</b>				R
	<i>SECTION NO. 2: BUILDING WORKS</i> <i>Bill No. 3: Concrete, Formwork and Reinforcement</i> <b>DBSA-KZN</b>				

**Refurbishment of VIP Ablutions, Classrooms & External Works**  
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*Bill No. 3*

*Bill No. 3: Concrete, Formwork and Reinforcement*

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**SECTION NO. 2: BUILDING WORKS**

**Bill No. 3: Concrete, Formwork and Reinforcement**

**DBSA-KZN**

<u>Item No</u>	<u>Unit</u>	<u>Quantity</u>	<u>Rate</u>	<u>Amount</u>
<b><u>BILL No. 4: MASONRY</u></b>				
NOTE: The contractor is advised to study the Model Preambles for Trades before pricing this bill				
NOTE: The contractor is advised to study the Architect's drawings before pricing this bill. In the case of any discrepancies between the bill and the drawings the contractor must notify the Principal Agent.				
<b><u>Trade Names</u></b>				
Items, materials or methods to be used specified by trade names or catalogue numbers are only an indication of the quality required. Items, materials or methods of similar quality may be used with prior written approval from the Representative / Agent				
<b><u>Building Locations</u></b>				
1. Boys				
2. Girls				
3. Staff				
4. Classrooms, Kitchen & Guard house				
5. External Works				
6. Provisional Sums				
F. Provisional Quantities				
G. Preliminaries				
<b><u>SUPPLEMENTARY PREAMBLES</u></b>				
<b><u>BRICKWORK</u></b>				
<b><u>Sizes in descriptions</u></b>				
Where sizes in descriptions are given in brick units, "one brick" shall represent the length and "half brick" the width of a brick				
<b><u>Hollow walls, etc</u></b>				
Descriptions of hollow walls shall be deemed to include leaving every fifth perpend of the bottom course of the external skin open as a weep hole				
<b>Carried to Collection</b>				R
<i>SECTION NO. 2: BUILDING WORKS</i>				
<i>Bill No. 4: Masonry</i>				
<b>DBSA-KZN</b>				

<u>Item No</u>		<u>Unit</u>	<u>Quantity</u>	<u>Rate</u>	<u>Amount</u>
	<p><b><u>Wall ties</u></b></p> <p>Wall ties shall be "Joluka Posi-ties Type PTT 4 Ref: 8312" or similar approved. Ties for hollow walls shall be of sufficient length to allow not less than 75mm of each end to be built into the brickwork. Ties are to be spaced at intervals of not more than 1m in the horizontal direction and not more than 400mm staggered in the vertical direction except at openings, vertical joints or ends of walls where they are to be placed vertically above each other</p> <p><b><u>Face bricks</u></b></p> <p>Bricks shall be ordered timeously to obtain uniformity in size and colour</p> <p><b><u>Pointing</u></b></p> <p>Descriptions of recessed pointing to fair face brickwork and face brickwork shall be deemed to include square recessed, hollow recessed, weathered pointing, etc</p> <p><b><u>SUPERSTRUCTURE</u></b></p> <p><b><u>Brickwork of NFX bricks (14 MPa nominal compressive strength and maximum water absorption 12%) in class II mortar in loadbearing walls etc</u></b></p>				
1	<p>Half brick walls</p> <p>1 : 0      2 : 0      3 : 11      4 : 0</p> <p>5 : 0      6 : 0      F : 0      G : 0</p>	m2	11		
2	<p>Half brick walls in beamfilling</p> <p>1 : 0      2 : 0      3 : 0      4 : 35</p> <p>5 : 0      6 : 0      F : 0      G : 0</p>	m2	35		
3	<p><b><u>Brickwork reinforcement</u></b></p> <p>75mm Wide reinforcement built in horizontally</p> <p>1 : 0      2 : 0      3 : 49      4 : 231</p> <p>5 : 0      6 : 0      F : 0      G : 0</p>	m	280		
	<p style="text-align: right;"><b>Carried to Collection</b></p> <p><i>SECTION NO. 2: BUILDING WORKS</i></p> <p><i>Bill No. 4: Masonry</i></p> <p><b>DBSA-KZN</b></p>			R	

**Refurbishment of VIP Ablutions, Classrooms & External Works**  
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*Section No. 2*

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*Bill No. 4: Masonry*

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**Bill No. 4: Masonry**

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<u>Item No</u>		<u>Quantity</u>	<u>Unit</u>	<u>Rate</u>	<u>Amount</u>
	<p><b><u>BILL No. 5: ROOF COVERINGS ETC</u></b></p> <p>NOTE: The contractor is advised to study the Model Preambles for Trades before pricing this bill</p> <p>NOTE: The contractor is advised to study the Architect's drawings before pricing this bill. In the case of any discrepancies between the bill and the drawings the contractor must notify the Principal Agent.</p> <p><b><u>Building Locations</u></b></p> <p>1. Boys 2. Girls 3. Staff 4. Classrooms, Kitchen &amp; Guard house 5. External Works 6. Provisional Sums F. Provisional Quantities G. Preliminaries</p> <p><b><u>Trade Names</u></b></p> <p>Items, materials or methods to be used specified by trade names or catalogue numbers are only an indication of the quality required. Items, materials or methods of similar quality may be used with prior written approval from the Representative / Agent</p> <p><b><u>PROFILED METAL SHEETING AND ACCESSORIES</u></b></p> <p><b><u>0,5mm galvanized metal IBR roof sheet, complete with all necessary accessories</u></b></p>				
1	<p>Roof covering with a 5 degree pitch</p> <p style="margin-left: 40px;">1 : 0      2 : 0      3 : 0      4 : 1191</p> <p style="margin-left: 40px;">5 : 0      6 : 0      F : 0      G : 0</p>	1 191	m2		
	<p style="text-align: right;"><b>Carried Forward to Summary of Section 2</b></p> <p><i>SECTION NO. 2: BUILDING WORKS</i></p> <p><i>Bill No. 5: Roof covering</i></p> <p><b>DBSA-KZN</b></p>			R	

<u>Item No</u>		<u>Unit</u>	<u>Quantity</u>	<u>Rate</u>	<u>Amount</u>
	<b><u>BILL No. 6: CARPENTRY AND JOINERY</u></b>				
	NOTE: The contractor is advised to study the Model Preambles for Trades before pricing this bill				
	NOTE: The contractor is advised to study the Architect's drawings before pricing this bill. In the case of any discrepancies between the bill and the drawings the contractor must notify the Principal Agent.				
	<b><u>Building Locations</u></b>				
	1. Boys				
	2. Girls				
	3. Staff				
	4. Classrooms, Kitchen & Guard house				
	5. External Works				
	6. Provisional Sums				
	F. Provisional Quantities				
	G. Preliminaries				
	<b><u>Trade Names</u></b>				
	Items, materials or methods to be used specified by trade names or catalogue numbers are only an indication of the quality required. Items, materials or methods of similar quality may be used with prior written approval from the Representative / Agent				
	<b><u>SUPPLEMENTARY PREAMBLES</u></b>				
	<b><u>Fixing</u></b>				
	Items described as "nailed" shall be deemed to be fixed with hardened steel nails or shot pins to brickwork or concrete				
	<b><u>ROOFS ETC</u></b>				
	<b><u>Sawn softwood</u></b>				
1	38 x 114mm Wall plates	m	231		
	1 : 0      2 : 0      3 : 0      4 : 231				
	5 : 0      6 : 0      F : 0      G : 0				
2	76 x 50mm Purlins	m	896		
	1 : 0      2 : 0      3 : 0      4 : 896				
	5 : 0      6 : 0      F : 0      G : 0				
	<b>Carried to Collection</b>				R
	<i>SECTION NO. 2: BUILDING WORKS</i>				
	<i>Bill No. 6: Carpentry and Joinery</i>				
	<b>DBSA-KZN</b>				

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<u>Item No</u>		<u>Unit</u>	<u>Quantity</u>	<u>Rate</u>	<u>Amount</u>
1	38 x 176mm Rafters in lengths exceeding 3,9m and not exceeding 6,6m 1 : 0          2 : 0          3 : 0          4 : 751 5 : 0          6 : 0          F : 0          G : 0 <b><u>Sundries</u></b>	m	751		
2	Two coats creosote on sawn timbers 1 : 0          2 : 0          3 : 0          4 : 36 5 : 0          6 : 0          F : 0          G : 0	m2	36		
3	1,6mm Diameter galvanised wire tie 900mm girth wrapped around rafter and purlin with ends tied together 1 : 0          2 : 0          3 : 0          4 : 254 5 : 0          6 : 0          F : 0          G : 0 <b><u>"Everite Flexit" pressed nutec-cement</u></b>	No	254		
4	12 x 225mm Fascias and barge boards including H-profile jointing strips 1 : 16          2 : 14          3 : 12          4 : 340 5 : 0          6 : 0          F : 0          G : 0 <b><u>SKIRTINGS</u></b> <b><u>Wrought meranti</u></b>	m	382		
5	15 x 76mm Skirting including 15mm quadrant bead plugged 1 : 0          2 : 0          3 : 0          4 : 443 5 : 0          6 : 0          F : 0          G : 0 <b><u>DOORS ETC</u></b> <b><u>Wrought Meranti doors hung to steel frames</u></b>	m	443		
6	40mm Door 813 x 2032mm high Framed, ledged and braced batten door formed of 40 x 110mm styles and top rail, 20 x 225mm bottom ledge, 20 x 150mm middle ledge and 20 x 110mm diagonal braces, filled in flush one side with 20 x 75mm tongued, grooved and V-jointed both sides vertical boarding fixed in and including grooves in styles and top rail 1 : 1          2 : 1          3 : 1          4 : 20 5 : 0          6 : 0          F : 0          G : 0	No	23		
<b>Carried to Collection</b>					R
<b>SECTION NO. 2: BUILDING WORKS</b> <b>Bill No. 6: Carpentry and Joinery</b> <b>DBSA-KZN</b>					

## Refurbishment of VIP Ablutions, Classrooms & External Works

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**Refurbishment of VIP Ablutions, Classrooms & External Works**  
**Gijimana Secondary School-KZN**

*Section No. 2*

*Bill No. 6*

*Bill No. 6: Carpentry and Joinery*

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*Bill No. 6: Carpentry and Joinery*

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<u>Item No</u>		<u>Unit</u>	<u>Quantity</u>	<u>Rate</u>	<u>Amount</u>
	<p><b><u>BILL No. 7: CEILINGS, PARTITIONS AND ACCESS FLOORING</u></b></p> <p>NOTE: The contractor is advised to study the Model Preambles for Trades before pricing this bill</p> <p>NOTE: The contractor is advised to study the Architect's drawings before pricing this bill. In the case of any discrepancies between the bill and the drawings the contractor must notify the Principal Agent.</p> <p><b><u>Building Locations</u></b></p> <p>1. Boys 2. Girls 3. Staff 4. Classrooms, Kitchen &amp; Guard house 5. External Works 6. Provisional Sums F. Provisional Quantities G. Preliminaries</p> <p><b><u>Trade Names</u></b></p> <p>Items, materials or methods to be used specified by trade names or catalogue numbers are only an indication of the quality required. Items, materials or methods of similar quality may be used with prior written approval from the Representative / Agent</p> <p><b><u>CEILING TIMBERS, BEADS, INSULATION, ETC</u></b></p> <p><b><u>NAILED UP CEILINGS</u></b></p> <p><b><u>6.4mm "Rhino" or similar approved gypsum plasterboard with gypsum skim plaster trowelled to a smooth polished surface over joints</u></b></p>				
1	<p>Ceilings, including 38 x 38mmmm sawn softwood bandering at 400mm centres</p> <p>1 : 27      2 : 24      3 : 20      4 : 1191 5 : 0      6 : 0      F : 0      G : 0</p>	m2	1 262		
	<p style="text-align: right;"><b>Carried to Collection</b></p> <p><i>SECTION NO. 2: BUILDING WORKS</i> <i>Bill No. 7: Ceilings, Partitions and Access Flooring</i> <b>DBSA-KZN</b></p>			R	

**Refurbishment of VIP Ablutions, Classrooms & External Works**  
**Gijimana Secondary School-KZN**

<u>Item No</u>		<u>Unit</u>	<u>Quantity</u>	<u>Rate</u>	<u>Amount</u>
1	Extra over ceiling and brandering for 600 x 600mm trap door with 38 x 50mm softwood frame and 38 x 114mm sawn softwood trimmers, fitted flush in opening with 19 x 50mm wrought softwood fillets all round 1 : 1      2 : 1      3 : 1      4 : 10 5 : 0      6 : 0      F : 0      G : 0 <b>"Fibreglass" insulation</b>	No	13		
2	75mm Insulation closely fitted and laid on top of brandering between roof timbers etc 1 : 16      2 : 0      3 : 10      4 : 1191 5 : 0      6 : 0      F : 0      G : 0 <b>CORNICES</b> <b>Gypsum plasterboard cornices</b>	m2	1 217		
3	75mm Coved cornices 1 : 23      2 : 21      3 : 19      4 : 443 5 : 0      6 : 0      F : 0      G : 0	m	506		
<b>Carried to Collection</b>					R
<b>SECTION NO. 2: BUILDING WORKS</b> <b>Bill No. 7: Ceilings, Partitions and Access Flooring</b> <b>DBSA-KZN</b>					

**Refurbishment of VIP Ablutions, Classrooms & External Works**  
**Gijimana Secondary School-KZN**

*Section No. 2*

*Bill No. 7*

*Bill No. 7: Ceilings, Partitions and Access Flooring*

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**SECTION NO. 2: BUILDING WORKS**

*Bill No. 7: Ceilings, Partitions and Access Flooring*

**DBSA-KZN**



<u>Item No</u>		<u>Unit</u>	<u>Quantity</u>	<u>Rate</u>	<u>Amount</u>
	<b><u>BILL NO 8: FLOOR COVERINGS, WALL LININGS, ETC</u></b>  NOTE: The contractor is advised to study the Model Preambles for Trades before pricing this bill  NOTE: The contractor is advised to study the Architect's drawings before pricing this bill. In the case of any discrepancies between the bill and the drawings the contractor must notify the Principal Agent.  <b><u>Building Locations</u></b> 1. Boys 2. Girls 3. Staff 4. Classrooms, Kitchen & Guard house 5. External Works 6. Provisional Sums F. Provisional Quantities G. Preliminaries  <b><u>Fixing</u></b>  Floor coverings, wall linings, etc shall, where applicable, be fixed with adhesive as recommended by the manufacturers of the flooring, linings, etc  <b><u>FLOOR COVERINGS</u></b> <b><u>300 x 300 x 2mm "Approved" semi flexible vinyl tiles</u></b>				
1	On existing screeded floors including self levelling screed. 1 : 0          2 : 0          3 : 0          4 : 1054 5 : 0          6 : 0          F : 0          G : 0	m2	1 054		
	<b><u>SKIRTINGS, NOSINGS, ETC</u></b> <b><u>"Aluminium" skirtings, nosings, etc</u></b>				
2	10mm vinyl edging 1 : 0          2 : 0          3 : 0          4 : 16 5 : 0          6 : 0          F : 0          G : 0	m	16		
	<p style="text-align: right;"><b>Carried to Collection</b></p> <p><i>SECTION NO. 2: BUILDING WORKS</i>  <i>Bill No. 8: Floor coverings, wall linings, etc</i>  <b>DBSA-KZN</b></p>				R

## Refurbishment of VIP Ablutions, Classrooms & External Works

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**Refurbishment of VIP Ablutions, Classrooms & External Works**  
**Gijimana Secondary School-KZN**

*Section No. 2*

*Bill No. 8*

*Bill No. 8: Floor coverings, wall linings, etc*

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**SECTION NO. 2: BUILDING WORKS**

*Bill No. 8: Floor coverings, wall linings, etc*

**DBSA-KZN**

<u>Item No</u>		<u>Unit</u>	<u>Quantity</u>	<u>Rate</u>	<u>Amount</u>
	<b><u>BILL No. 9: IRONMONGERY</u></b>				
	NOTE: The contractor is advised to study the Model Preambles for Trades before pricing this bill				
	NOTE: The contractor is advised to study the Architect's drawings before pricing this bill. In the case of any discrepancies between the bill and the drawings the contractor must notify the Principal Agent.				
	<b><u>Building Locations</u></b>				
	1. Boys				
	2. Girls				
	3. Staff				
	4. Classrooms, Kitchen & Guard house				
	5. External Works				
	6. Provisional Sums				
	F. Provisional Quantities				
	G. Preliminaries				
	<b><u>Trade Names</u></b>				
	Items, materials or methods to be used specified by trade names or catalogue numbers are only an indication of the quality required. Items, materials or methods of similar quality may be used with prior written approval from the Representative / Agent				
	<b><u>HINGES, BOLTS, ETC</u></b>				
	<b><u>"Union"</u></b>				
1	100 x 75 x 3mm Ball bearing brass hinge 1 : 25      2 : 25      3 : 13      4 : 20 5 : 0      6 : 0      F : 0      G : 0	No	83		
2	WC indicator bolt with keep fixed to metal 1 : 8      2 : 8      3 : 4      4 : 0 5 : 0      6 : 0      F : 0      G : 0	No	20		
	<b><u>LOCKS</u></b>				
	<b><u>"Union"</u></b>				
3	Blesbok 460/313 three lever lockset 1 : 1      2 : 1      3 : 1      4 : 20 5 : 0      6 : 0      F : 0      G : 0	No	23		
	<b>Carried to Collection</b>				R
	<i>SECTION NO. 2: BUILDING WORKS</i>				
	<i>Bill No. 9: Ironmongery</i>				
	<b>DBSA-KZN</b>				

## Refurbishment of VIP Ablutions, Classrooms & External Works

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Section No. 2

Bill No. 9

Bill No. 9: Ironmongery

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**SECTION NO. 2: BUILDING WORKS**  
**Bill No. 9: Ironmongery**  
**DBSA-KZN**

<u>Item No</u>		<u>Unit</u>	<u>Quantity</u>	<u>Rate</u>	<u>Amount</u>
	<b><u>BILL No. 10: METALWORK</u></b>				
	NOTE: The contractor is advised to study the Model Preambles for Trades before pricing this bill				
	NOTE: The contractor is advised to study the Architect's drawings before pricing this bill. In the case of any discrepancies between the bill and the drawings the contractor must notify the Principal Agent.				
	<b><u>Building Locations</u></b>				
	1. Boys				
	2. Girls				
	3. Staff				
	4. Classrooms, Kitchen & Guard house				
	5. External Works				
	6. Provisional Sums				
	F. Provisional Quantities				
	G. Preliminaries				
	<b><u>Trade Names</u></b>				
	Items, materials or methods to be used specified by trade names or catalogue numbers are only an indication of the quality required. Items, materials or methods of similar quality may be used with prior written approval from the Representative / Agent				
	<b><u>PRIMED PRESSED STEEL DOOR FRAMES</u></b>				
	<b><u>1,2mm Thick Double Rebated Frame For Half Brick Wall Complete With Butts, Etc And Including Setting Up, Building In, Filling Back Of Frame With Cement Mortar, Etc</u></b>				
1	Frame for door 813 x 2032mm high 1 : 8      2 : 8      3 : 4      4 : 0 5 : 0      6 : 0      F : 0      G : 0	No	20		
	<b><u>1,2mm Thick Double Rebated Frame For One Brick Wall Complete With Butts, Etc And Including Setting Up, Building In, Filling Back Of Frame With Cement Mortar, Etc</u></b>				
2	Frame for door 813 x 2032mm high 1 : 1      2 : 1      3 : 1      4 : 20 5 : 0      6 : 0      F : 0      G : 0	No	23		
	<b>Carried Forward to Summary of Section 2</b>				R
	<b>SECTION NO. 2: BUILDING WORKS</b>				
	<b>Bill No. 10: Metalwork</b>				
	<b>DBSA-KZN</b>				

<u>Item No</u>		<u>Unit</u>	<u>Quantity</u>	<u>Rate</u>	<u>Amount</u>
	<b><u>BILL No. 11: PLASTERING</u></b>				
	NOTE: The contractor is advised to study the Model Preambles for Trades before pricing this bill				
	NOTE: The contractor is advised to study the Architect's drawings before pricing this bill. In the case of any discrepancies between the bill and the drawings the contractor must notify the Principal Agent.				
	<b><u>Building Locations</u></b>				
	1. Boys				
	2. Girls				
	3. Staff				
	4. Classrooms, Kitchen & Guard house				
	5. External Works				
	6. Provisional Sums				
	F. Provisional Quantities				
	G. Preliminaries				
	<b><u>INTERNAL PLASTER</u></b>				
	<b><u>Cement plaster on brickwork</u></b>				
1	On walls	m2	11		
	1 : 0                  2 : 0                  3 : 11                  4 : 0				
	5 : 0                  6 : 0                  F : 0                  G : 0				
	<b>Carried Forward to Summary of Section 2</b>				
	<b>SECTION NO. 2: BUILDING WORKS</b>				
	<b>Bill No. 11: Plastering</b>				
	<b>DBSA-KZN</b>				
				R	



<u>Item No</u>	<u>Unit</u>	<u>Quantity</u>	<u>Rate</u>	<u>Amount</u>
<b><u>BILL No. 12: PLUMBING AND DRAINAGE</u></b>				
NOTE: The contractor is advised to study the Model Preambles for Trades before pricing this bill				
NOTE: The contractor is advised to study the Architect's drawings before pricing this bill. In the case of any discrepancies between the bill and the drawings the contractor must notify the Principal Agent.				
<b><u>Building Locations</u></b>				
1. Boys				
2. Girls				
3. Staff				
4. Classrooms, Kitchen & Guard house				
5. External Works				
6. Provisional Sums				
F. Provisional Quantities				
G. Preliminaries				
<b><u>Trade Names</u></b>				
Items, materials or methods to be used specified by trade names or catalogue numbers are only an indication of the quality required. Items, materials or methods of similar quality may be used with prior written approval from the Representative / Agent				
<b><u>SUPPLEMENTARY PREAMBLES</u></b>				
Concrete pipes				
Pipes shall be jointed with ogee joints with rubber collars or socket and spigot joints with rubber rings				
Vitrified clay pipes etc				
Pipes shall rest on solid ground and, where necessary, pockets of sufficient size shall be cut around joints to enable the jointing to be properly performed or, alternatively, pipes shall be bedded full length on and including unreinforced concrete laid in a semi-dry state immediately before pipes are laid				
<b>Carried to Collection</b>				R
SECTION NO. 2: BUILDING WORKS				
Bill No. 12: Plumbing and Drainage				
DBSA-KZN				

<u>Item No</u>	<u>Unit</u>	<u>Quantity</u>	<u>Rate</u>	<u>Amount</u>
uPVC pipes and fittings				
Sewer and drainage pipes and fittings shall be jointed and sealed with butyl rubber rings				
Soil, waste and vent pipes and fittings shall be solvent weld jointed				
uPVC pressure pipes and fittings				
Pipes for water supply shall be of the class stated				
Pipes of 40mm diameter and smaller shall be plain ended with solvent welded uPVC loose sockets and fittings				
Pipes of 50mm diameter and greater shall have sockets and spigots with push-in type integral rubber ring joints. Bends shall be uPVC and all other fittings shall be cast iron, all with similar push-in type joints				
Copper pipes				
Pipes shall be hard drawn and half-hard pipes of the class stated. Class 0 (thin walled hard drawn) pipes shall not be bent. Class 1 (thin walled half-hard), class 2 (half-hard) and class 3 (heavy walled half-hard) pipes shall only be bent with benders with inner and outer formers. Fittings to copper waste, vent and anti-syphon pipes, capillary solder fittings and compression fittings shall be "Cobra Watertech" type. Capillary solder fittings shall comply with ISO 2016. Only compression fittings shall be used in walls or in ground				
Lead pipes and traps				
All soldered joints shall be wiped and brass unions shall be used for jointing lead to steel				
<b>Carried to Collection</b>				R
<b>SECTION NO. 2: BUILDING WORKS</b>				
<b>Bill No. 12: Plumbing and Drainage</b>				
<b>DBSA-KZN</b>				

**SECTION NO. 2: BUILDING WORKS**  
**Bill No. 12: Plumbing and Drainage**  
**DBSA-KZN**

## Refurbishment of VIP Ablutions, Classrooms & External Works

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**SECTION NO. 2: BUILDING WORKS**  
**Bill No. 12: Plumbing and Drainage**  
**DBSA-KZN**

## Refurbishment of VIP Ablutions, Classrooms & External Works

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**Refurbishment of VIP Ablutions, Classrooms & External Works**  
**Gijimana Secondary School-KZN**

*Section No. 2*

*Bill No. 12*

*Bill No. 12: Plumbing and Drainage*

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**SECTION NO. 2: BUILDING WORKS**

***Bill No. 12: Plumbing and Drainage***

**DBSA-KZN**

<u>Item No</u>	<u>Unit</u>	<u>Quantity</u>	<u>Rate</u>	<u>Amount</u>
<b><u>BILL No. 13: PAINTWORK</u></b>				
NOTE: The contractor advised to study the Model Preambles for Trades before pricing this bill				
NOTE: The contractor is advised to study the Architect's drawings before pricing this bill. In the case of any discrepancies between the bill and the drawings the contractor must notify the Principal Agent.				
<b><u>Building Locations</u></b>				
1. Boys				
2. Girls				
3. Staff				
4. Classrooms, Kitchen & Guard house				
5. External Works				
6. Provisional Sums				
F. Provisional Quantities				
G. Preliminaries				
<b><u>Trade Names</u></b>				
Items, materials or methods to be used specified by trade names or catalogue numbers are only an indication of the quality required. Items, materials or methods of similar quality may be used with prior written approval from the Representative / Agent				
<b><u>PREPARATORY WORK TO EXISTING WORK</u></b>				
Previously painted plastered surfaces 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				
Previously painted metal surfaces				
Prepare surfaces by means of wire brushing, sand and approved cleaning agent, primed surfacing of all members of steel palisade panel with zinc chromate primer and apply one univesal undercoat in zinc chromate and two coats enamel paint, all applied to manufacture's specifications				
<b>Carried to Collection</b>				R
<i>SECTION NO. 2: BUILDING WORKS</i>				
<i>Bill No. 13: Paintwork</i>				
<b>DBSA-KZN</b>				



<u>Item No</u>		<u>Unit</u>	<u>Quantity</u>	<u>Rate</u>	<u>Amount</u>
	Previously painted wood surfaces Surfaces shall be thoroughly cleaned down. Blistered or peeling paint shall be completely removed and cracks and crevices shall be primed, filled with suitable filler and finished smooth				
	<b><u>PREPARATORY WORK TO EXISTING WORK</u></b>				
	<b><u>Previously painted plastered surfaces</u></b>				
	Surfaces shall be thoroughly washed down and allowed to dry completely before any paint is applied. Blistered or peeling paint shall be completely removed and cracks shall be opened, filled with a suitable filler and finished smooth				
	<b><u>One coat primer and two coats exterior quality PVC emulsion paint in colours which have a value of 7 or less on the Munsell system in accordance with SABS 1091</u></b>				
1	On external walls 1 : 51      2 : 50      3 : 51      4 : 818 5 : 0      6 : 0      F : 0      G : 0	m2	970		
	<b><u>One coat primer and two coats interior quality PVA emulsion paint</u></b>				
2	On internal walls 1 : 108      2 : 103      3 : 68      4 : 786 5 : 0      6 : 0      F : 0      G : 0	m2	1 065		
	<b><u>PAINTWORK TO NEW WORK</u></b>				
	<b><u>ON INTERNAL FLOATED PLASTER SURFACES</u></b>				
	<b><u>One coat primer and two coats interior quality PVA emulsion paint</u></b>				
3	On internal walls 1 : -2      2 : -2      3 : 10      4 : -33 5 : 0      6 : 0      F : 50      G : 0	m2	24		
	<b><u>ON FIBRE-CEMENT</u></b>				
	<b><u>One coat primer and two coats polyacrylic emulsion paint</u></b>				
4	On fascias and barge boards not exceeding 300 mm girth 1 : 16      2 : 14      3 : 12      4 : 340 5 : 0      6 : 0      F : 0      G : 0	m	382		
	<b>Carried to Collection</b>				R
	<i>SECTION NO. 2: BUILDING WORKS</i>				
	<i>Bill No. 13: Paintwork</i>				
	<b>DBSA-KZN</b>				

Refurbishment of VIP Ablutions, Classrooms & External Works  
Gijimana Secondary School-KZN

<u>Item No</u>		<u>Unit</u>	<u>Quantity</u>	<u>Rate</u>	<u>Amount</u>
	<b><u>ON METAL</u></b>				
	<b><u>One coat zinc chromate primer and two coats aluminium paint on steel</u></b>				
1	On door frames 1 : 9      2 : 9      3 : 5      4 : 31 5 : 0      6 : 0      F : 0      G : 0	m2	55		
2	On windows with burglar bars 1 : 0      2 : 0      3 : 0      4 : 0 5 : 0      6 : 7      F : 0      G : 0	m2	7		
3	On eaves gutters not exceeding 300 mm girth 1 : 16      2 : 14      3 : 12      4 : 242 5 : 0      6 : 0      F : 0      G : 0	m	285		
	<b><u>ON WOOD SURFACES</u></b>				
	<b><u>One coat wood primer and two coats polyurethane velvet enamel paint</u></b>				
4	On boarded ceilings 1 : 27      2 : 24      3 : 20      4 : 1191 5 : 0      6 : 0      F : 0      G : 0	m2	1 262		
5	Doors 1 : 34      2 : 34      3 : 20      4 : 102 5 : 0      6 : 0      F : 0      G : 0	m2	190		
	<b>Carried to Collection</b>				
	<i>SECTION NO. 2: BUILDING WORKS</i> <i>Bill No. 13: Paintwork</i> <b>DBSA-KZN</b>				R

Section No. 2

Bill No. 13

Bill No. 13: Paintwork

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**SECTION NO. 2: BUILDING WORKS**

**Bill No. 13: Paintwork**

**DBSA-KZN**

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**Refurbishment of VIP Ablutions, Classrooms & External Works**  
**Gijimana Secondary School-KZN**

<u>Item No</u>		<u>Quantity</u>	<u>Unit</u>	<u>Rate</u>	<u>Amount</u>
	<b><u>BILL No. 1: External works</u></b>				
	NOTE: The contractor is advised to study the Model Preambles for Trades before pricing this bill				
	NOTE: The contractor is advised to study the drawings before pricing this bill. In the case of any discrepancies between the bill and the drawings the contractor must notify the Principal Agent.				
	<b><u>Building Locations</u></b>				
	1. Boys				
	2. Girls				
	3. Staff				
	4. Classrooms, Kitchen & Guard house				
	5. External Works				
	6. Provisional Sums				
	F. Provisional Quantities				
	G. Preliminaries				
	<b><u>EXCAVATIONS ETC</u></b>				
	<b><u>SITE CLEARANCE ETC</u></b>				
1	Stripping average 100mm thick layer of top soil and stockpiling on site	480	m2		
	<b><u>Digging up topsoil</u></b>				
2	Digging up topsoil to an average depth of 150mm and preserving for use as filling	480	m2		
	<b><u>Extra over all excavations for carting away</u></b>				
3	Surplus material from excavations and/or stock piles on site to a dumping site to be located by the contractor	72	m3		
	<b><u>FILLING ETC</u></b>				
	<b><u>Compaction of surfaces</u></b>				
4	Compaction of natural or excavated ground surface over site by wetting and compacting a vibratory roller	480	m2		
	<b>Carried to Collection</b>				R
	<i>SECTION NO. 3: EXTERNAL WORKS</i>				
	<i>Bill No. 1: Roadwork, Paving, etc</i>				
	<b>DBSA-KZN</b>				

Refurbishment of VIP Ablutions, Classrooms & External Works  
Gijimana Secondary School-KZN

<u>Item No</u>		<u>Quantity</u>	<u>Unit</u>	<u>Rate</u>	<u>Amount</u>
	<b><u>TESTS</u></b>				
	<b><u>Prescribed tests to determine degree of compaction or other properties of ground or filling</u></b>				
1	"Modified AASHTO Density" test	48	No		
	<b><u>Filling of coarse river sand supplied by the contractor, consolidated</u></b>				
2	Under floors etc	72	m3		
	<b><u>WEED KILLERS, INSECTICIDES, ETC</u></b>				
	<b><u>Weedkiller (active ingredients metalaclor 102,8 g/l, terbitilasien 248,6 g/l and atrasiem 248,6 g/l) mixed in the proportion of 100 ml weedkiller to 100 l water and applied at a rate of 10 l/m<sup>2</sup></u></b>				
3	Under paving etc	480	m2		
	<b><u>Soil insecticide in accordance with SANS 5859</u></b>				
4	Under floors etc, including forming and poisoning shallow furrows against foundation walls etc, filling in furrows and ramming	480	m2		
<b>Carried to Collection</b>				R	
<b>SECTION NO. 3: EXTERNAL WORKS</b> <b>Bill No. 1: Roadwork, Paving, etc</b> <b>DBSA-KZN</b>					

Section No. 3

Bill No. 1

Bill No. 1: Roadwork, Paving, etc

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**SECTION NO. 3: EXTERNAL WORKS**  
**Bill No. 1: Roadwork, Paving, etc**  
**DBSA-KZN**

**Refurbishment of VIP Ablutions, Classrooms & External Works**  
**Gijimana Secondary School-KZN**

<u>Item No</u>		<u>Quantity</u>	<u>Rate</u>	<u>Amount</u>
	<b><u>SECTION NO. 7</u></b>			
	<b><u>BILL No. 1: PROVISIONAL SUMS &amp; BUDGETARY ALLOWANCES</u></b>			
	<b><u>BUDGETERY ALLOWANCES</u></b>			
	<b><u>PROVISIONAL SUMS</u></b>			
	<b><u>Electrical Installation</u></b>			
1	Allow the Provisional Amount of R 350 000.00 ( Three hundred and Fifty Thousand Rand) Electrical Connection	Item		350 000.00
2	Add for profit	Item		
3	Add for attendance	Item		
	<b><u>Community Liaison Officer</u></b>			
4	Allow the Provisional Amount of R100000.00 (One Hundred Thousand Rand) for the community liaison officer	Item		100 000.00
5	Add for profit	Item		
	<b><u>Desludging</u></b>			
6	Allow the Provisional Amount of R 50 000.00 (Fifty Thousand Rand) Desludging Toilets.	Item		50 000.00
7	Add for profit	Item		
	<b>MINIMUM TARGETED ENTERPRISE DEVELOPMENT</b>			
	A provisional amount has been allowed for in the execution of this project as described in C3.1 Project Specifications.			
8	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		97 630.20
9	Allowance for profit all inclusive of associated costs to the contractor for implementation.	%		
10	Allowance for attendance all inclusive of associated costs to the contractor for implementation.	%		
	<b>Carried to Final Summary</b>		R	
	<b>SECTION NO. 4: PROVISIONAL SUMS &amp; BUDGETARY ALL</b>			
	<b>Bill No. 1: Provisional Amounts</b>			
	<b>DBSA-KZN</b>			



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	SUB TOTAL OF CONSTRUCTION WORKS		R
	CONTINGENCIES (5%)		R
	SUB-TOTAL		R
	<u>ADD:</u> VALUE ADDED TAX AT 15%		R
	OVERALL-TOTAL		R
	Carried to Form of Offer and Acceptance		R
	DBSA-KZN		