	HADIS JUNIOR SECONDARY SCHOOL					
	Omitted scope in Eastern Cape Province - Cluster 3					
	Unit	Quantity	Rate	Amoun		
BILL NO. 1						
<u>PRELIMINARIES</u>						
<u>Disclaimer</u>						
While the ASAQS aims to ensure that its publications represent best practice, the ASAQS does not accept or assume any liability or responsibility for any events or consequences thereof that derive from the use of the Preliminaries Master Bill. Such Master Bill is not exhaustive and is therefore only intended to provide general guidance to those who wish to make use of it. This publication is provided "as is" without warranty of any kind, either expressed or implied including but without limitation to warranties of merchantability, fitness for a particular purpose and non-infringement						
BUILDING AGREEMENT AND PRELIMINARIES						
The <b>JBCC</b> Series 2000 Principal Building Agreement (July 2007 edition 5.0 - reprint 1) prepared by the Joint Building Contracts Committee shall be the applicable building agreement, amended as hereinafter described						
The <b>JBCC</b> Principal Building Agreement <b>Contract Data</b> EC and the JBCC Principal Building Agreement Contract Data CE form an integral part of this agreement						
The ASAQS Preliminaries (November 2007 edition) published by the Assosiation of South African Quantity Surveyors for use with the said <b>JBCC</b> Principal Building Agreement shall be deemed to be incorporated in these <b>bills of quantities</b>						
Contractors are referred to the abovementioned documents for the intent and meaning of each clause thereof						
These clauses are hereinafter referred to by clause number and heading only. Where standard clauses or alternatives are not entirely applicable to this <b>agreement</b> such modifications, corrections or supplements as will apply are given under each relevant clause heading and such modifications, corrections or supplements shall take precedence notwithstanding anything contrary contained in the abovementioned documents						
Where any item is not relevant to this specific agreement						
such item is marked N/A (signifying "not applicable")						
Carried to Collection			R			
Bill No. 1 Preliminaries						

			HAD	IS JUNIOR SEC	ONDARY SCHO
		Omitte	d scope in	Eastern Cape F	Province - Cluste
Item		Unit	Quantity		
No					
	PREAMBLES FOR TRADES				
	Contractor are to refer to The Standard Preambles to All Trades (WB 20) attached to these these Bills of Quantities and no claims arising from brevity of description of items fully described in the said Model Preambles will be entertained				
	Supplementary preambles are incorporated in these <b>Bills</b>				
	of Quantities to satisfy the requirements of this project.				
	Such supplementary preambles shall take precedence				
	over the provisions of the said Model Preambles				
	The <b>contractor's</b> prices for all items throughout these <b>bills of quantities</b> must take account of and include for all of the obligations, requirements and specifications given in the said Model Preambles and in any supplementary preambles				
	PRICING OF PRELIMINARIES				
	Should the contractor select Option A in terms of subclause 3.2.1 in the <b>Contract Data - Contractor</b> to <b>Employer</b> (CE) for the purpose of adjustment of these <b>preliminaries</b> , the amount entered into the amount column in these <b>preliminaries</b> is to be divided into one or more of the three categories provided namely Fixed (F), Value Related (V) and Time Related (T)				
	SECTION A: PRINCIPAL BUILDING AGREEMENT				
	Definitions (A1)				
1	Clause 1.0 - Definitions and interpretation				
	The measuring system used for the preparation of the				
	bills of quantities is the Standard System of Measuring				
	Building Work (sixth edition, revised 1999) published by				
	the Association of South African Quantity Surveyors [1.1]				
	F: V: T:	Item			
	Objective and preparation (A2 - A14)				
	Clause 2.0 - Offer acceptance and performance				
2	obligations				
	F: V: T:	Item			
	Carried to Collection			R	
	Bill No. 1				
	Preliminaries				

		HADIS JUNIOR SECONDARY SCHOOL					
		Omitte	d scope in	Eastern Cape P	Province - Cluster 3		
Item		Unit					
No							
3	Clause 3.0 - Documents						
	The contract drawings are as listed on the contents page of the Part C3.0: Scope of Works of the Bills of Quantities.						
	Provision is made in the summary page of these bills of						
	quantities for the inclusion of Value Added Tax (VAT).						
	The principal angula shall decide which provides at the						
	The principal agent shall decide which portion of the priced document may be used as a specification of materials and goods or methods, if any [3.9]						
	F: V: T:	Item					
4	Clause 4.0 - Design responsibility						
	F: V: T:	Item					
		item					
5	Clause 5.0 - <b>Employer's</b> agents						
	F: V: T:	Item					
6	Clause 6.0 - Contractor's site representative						
	F: V: T:	Item					
	Carried to Collection			R			
	Preliminaries						
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			HAD	OIS JUNIOR SEC	ONDARY SCHOOL
		Omitte			Province - Cluster 3
Item No		Unit	Quantity	Rate	Amount
7	Clause 7.0 - Compliance with laws and regulations Without limiting the generality of the provisions of clause 7.0, the contractor's attention is drawn to the provisions of the Construction Regulations, 2003 issued in terms of the Occupational Health and Safety Act, 1993. It is specifically stated that the employer shall prepare a documented health and safety specification for the works and that the employer shall ensure that the contractor has made provision for the cost of health and safety measures during the execution of the works. The contractor shall price opposite this item for compliance with the act and the regulations and the reasonable provisions of the aforementioned health and safety specification.				
8	Clause 8.0 - Works risk				
	F: V: T:	Item			
9	Clause 9.0 - Indemnities				
	F: V: T:	Item			
10	Clause 10.0 - General insurances				
	F: V: T:	Item			
11	Clause 11.0 - Special insurances	item			
	F: T:	Item			
12	Clause 12.0 - Effecting insurances				
	F: V: T:	Item			
13	Clause 13.0 - Assignment				
	F: V: T:	Item			
4.4		item			
14	Clause 14.0 - Security				
	Execution (A15 - A23)				
15	Clause 15.0 - Preparation for and execution of the works				
16	Clause 16.0 - Site and access				
	Clause 16.7 - Known services Clause 16.8 - Protection of trees				
	F: T:	Item			
17	Clause 17.0 - Contract instructions				
	F: T:	Item			
	Carried to Collection			R	
	Preliminaries				

			HAD	IS JUNIOR S	CONDAF	RY SCHOOL
		Omitte	d scope in	Eastern Cape	Province	e - Cluster 3
Item		Unit	Quantity	Ra	te	Amount
No						
18	Clause 18.0 -Setting out of the works					
	The contractor shall notify the principal agent if any encroachment of adjoining foundations, buildings, structures, pavements, boundaries, etc. exist in order that the necessary arrangements may be made for the rectification of any such encroachments [18.1]					
	F: V: T:	Item				
19	Clause 19.0 - Temporary works and plant					
	Clause 19.1.1 - Enclosure of the works Clause 19.1.2 - Office accommodation Clause 19.2 - Advertising rights and notice boards					
	F: V: T:	Item				
20	Clause 20.0 - Nominated subcontractors					
	F: T:	Item				
21	Clause 21.0 - Selected subcontractors					
	F: V: T:	Item				
22	Clause 22.0 - Employer's direct contractors					
	F: T:	Item				
23	Clause 23.0 - Contractor's domestic subcontractors					
	F: V: T:	Item				
	Carried to Collection				R	
	Bill No. 1					
	Preliminaries					

			HAD	IS JUNIOR SEC	ONDARY SCHOOL
		Omitte		Eastern Cape F	Province - Cluster 3
Item No		Unit	Quantity	Rate	Amount
140	Completion (A24 - A30)				
24	Clause 24.0 - Practical completion				
	F: V: T:	Item			
25	Clause 25.0 - Works completion				
	F: V: T:	Item			
26	Clause 26.0 - Final completion				
	F: V: T:	Item			
27	Clause 27.0 - Latent defects liability period				
	F: V: T:	Item			
28	Clause 28.0 - Sectional completion				
	<u>N/A</u>				
	F: T:	Item			
29	Clause 29.0 - Revision of date for practical completion				
	The removal and replacement of materials and/or workmanship which do not conform to the specification or the <b>contract drawings</b> shall not constitute grounds for the extension of the <b>construction period</b> nor for the adjustment of the <b>contract value</b> (Clause 29.3)				
	F: V: T:	Item			
30	Clause 30.0 - <b>Penalty</b> for late or non-completion				
	F: V: T:	Item			
	Carried to Collection Bill No. 1			R	
	Preliminaries				
	Payment (A31 - A35)				

			HAD	IS JUNIOR	SEC	ONDAR	SCHOOL
		Omitte	d scope in	Eastern Ca	pe F	Province	- Cluster 3
Item		Unit	Quantity		Rate		Amount
No							
31	Clause 31.0 - Interim payment						
	The inclusion of materials and goods stored off site in						
	the amount authorised for payment in terms of clause						
	31.4 shall be at the sole discretion of the <b>principal agent</b> and such inclusion shall only be considered upon the						
	provision, by the <b>contractor</b> , of an approved guarantee						
	issued by a registered commercial bank. Clause 31.6.5 is						
	therefore not applicable.						
	Materials and goods stored off site shall not be included						
	in the amount authorised for payment [31.6.5]?						
	F: V: T:	Item					
32	Clause 32.0 - Adjustment to the <b>contract value</b>						
	All fluctuations in costs, with the exception of fluctuations						
	in the rate of Value Added Tax, shall be for the account of the <b>contractor</b> .						
	Where prices are submitted by the contractor or n/s subcontractor during the progress of the works in						
	respect of contract instructions or in regard to a claim						
	under the terms of the agreement and notwithstanding						
	the fact that such prices may be used in an interim payment certificate there is to be no presumption of						
	acceptance. Should the principal agent wish to accept						
	any such prices prior to the issue of the certificate of final completion. it shall be in writing.						
	The <b>contractor</b> shall not receive any mark-up for						
	overheads and profit on any omission of tenant						
	installation work or tenant installation work by others. Claims for loss of profit shall not be entertained.						
	F: T:	Item					
33	Clause 33.0 - Recovery of expense and loss						
	F: V: T:	Item					
34	Clause 34.0 - Final account and final payment						
35	Clause 35.0 - Payment to other parties						
	F: V: T:	Item					
	Carried to Collection				R		
	Bill No. 1						
	Preliminaries						
	Termination (A36 - A39)						
I		ı l		I		1	l

Clause 36.0 - Termination by employer - contractor's default   Item			HADIS JUNIOR SECONDARY SCHOOL					
Clause 36.0 - Termination by employer - contractor's default  F	14.							
Clause 36.0 - Termination by employer - contractor's default  F			Unit	Quantity	Rate	e	Amount	
Clause 37.0 - Termination by employer - loss and damage  F:								
damage  F		F: V: T:	Item					
Clause 38.0 - Termination by contractor - employer's default  F:	37							
default  F:		F: V: T:	Item					
Clause 39.0 - Termination - cessation of the works  F:	38							
F:		F: V: T:	Item					
Dispute (A40) Clause 40.0 - Settlement of disputes  F:	39	Clause 39.0 - Termination - cessation of the works						
Clause 40.0 - Settlement of disputes  F:		F: V: T:	Item					
F:		Dispute (A40)						
Contract variables (A41 - A42)  Clause 41.0 - Post tender provisions  The contractor is to complete before submission of his tender the JBCC Principal Building Agreement Contract Data CE  F:	40	Clause 40.0 - Settlement of disputes						
Clause 41.0 - Post tender provisions  The contractor is to complete before submission of his tender the JBCC Principal Building Agreement Contract  Data CE  F:		F: V: T:	Item					
The contractor is to complete before submission of his tender the JBCC Principal Building Agreement Contract Data CE  F:		Contract variables (A41 - A42)						
tender the JBCC Principal Building Agreement Contract Data CE  F:	41	Clause 41.0 - Post tender provisions						
Clause 42.0 - Contractual agreement The required information of the parties and the amount of the contract sum shall be inserted in the agreement for signature of the agreement by the parties  F:		tender the JBCC Principal Building Agreement Contract						
The required information of the parties and the amount of the contract sum shall be inserted in the agreement for signature of the agreement by the parties  F:		F: V: T:	Item					
Carried to Collection Bill No. 1 Preliminaries  SECTION B: PRELIMINARIES	42	Clause 42.0 - Contractual agreement						
Carried to Collection Bill No. 1 Preliminaries SECTION B: PRELIMINARIES		of the contract sum shall be inserted in the agreement						
Bill No. 1 Preliminaries  SECTION B: PRELIMINARIES		F: V: T:	Item					
Bill No. 1 Preliminaries  SECTION B: PRELIMINARIES								
Bill No. 1 Preliminaries  SECTION B: PRELIMINARIES								
		Bill No. 1			F	R		
Definitions and interpretation (B1)		SECTION B: PRELIMINARIES						
		Definitions and interpretation (B1)						

Clause 1.0 - Definitions and interpretation				HAD	IS JUNIC	R SEC	ONDAR	Y SCHOOL
Clause 1.0 - Definitions and interpretation  F:			Omitte			Cape F	Province	- Cluster 3
Clause 1.0 - Definitions and interpretation  F:			Unit	Quantity		Rate		Amount
F:	NO							
Documents (B2)  Clause 2.1 - Checking of documents  F:	43	Clause 1.0 - Definitions and interpretation						
Clause 2.1 - Checking of documents  F:		F: V: T:	Item					
F:		Documents (B2)						
Clause 2.2 - Provisional bills of quantities  These bills of quantities are in multiple procurement format ie the "wet trades" - earthworks, concrete, formwork and reinforcement, precast concrete, masonry, waterproofing and sub-surface drainage - are provisionally measured and the subsequent trades are budgetary allowances and/or Selected/nominated subcontract amounts?  F:	44	Clause 2.1 - Checking of documents						
These bills of quantities are in multiple procurement format ie the "wet trades" - earthworks, concrete, formwork and reinforcement, precast concrete, masonry, waterproofing and sub-surface drainage - are provisionally measured and the subsequent trades are budgetary allowances and/or Selected/nominated subcontract amounts?  F:		F: V: T:	Item					
format ie the "wet trades" - earthworks, concrete, formwork and reinforcement, precast concrete, masonry, waterproofing and sub-surface drainage - are provisionally measured and the subsequent trades are budgetary allowances and/or Selected/nominated subcontract amounts?  F:	45	Clause 2.2 - Provisional bills of quantities						
Clause 2.3 - Availability of construction documentation  The budgetary allowances and selected/nominated subcontract amounts allocated for subsequent trades included in this agreement will be separately procured, based on multiple procurement of selected/nominated subcontractors during the construction period.  Previous work and adjoining properties (B3)  Clause 3.1 - Previous work - dimensional accuracy  F:		format ie the "wet trades" - earthworks, concrete, formwork and reinforcement, precast concrete, masonry, waterproofing and sub-surface drainage - are provisionally measured and the subsequent trades are budgetary allowances and/or Selected/nominated						
The budgetary allowances and selected/nominated subcontract amounts allocated for subsequent trades included in this agreement will be separately procured, based on multiple procurement of selected/nominated subcontractors during the construction period.  Previous work and adjoining properties (B3)  47 Clause 3.1 - Previous work - dimensional accuracy  F:		F: V: T:	Item					
subcontract amounts allocated for subsequent trades included in this agreement will be separately procured, based on multiple procurement of selected/nominated subcontractors during the construction period.  Previous work and adjoining properties (B3)  47 Clause 3.1 - Previous work - dimensional accuracy  F:	46	Clause 2.3 - Availability of construction documentation						
Clause 3.1 - Previous work - dimensional accuracy		subcontract amounts allocated for subsequent trades included in this <b>agreement</b> will be separately procured, based on multiple procurement of selected/nominated subcontractors during the <b>construction period</b> .						
F:		Previous work and adjoining properties (B3)						
48 Clause 3.2 - Previous work - defects  F:	47	Clause 3.1 - Previous work - dimensional accuracy						
F:		F: V: T:	Item					
49 Clause 3.3 - Inspection of adjoining properties  F:	48	Clause 3.2 - Previous work - defects						
F:		F: V: T:	Item					
Carried to Collection R Bill No. 1	49	Clause 3.3 - Inspection of adjoining properties						
Bill No. 1		F: V: T:	Item					
Bill No. 1								
Bill No. 1								
						R		
1 Tommidates		-						
Samples, shop drawings and manufacturer's								
instructions (B4)		misu uctions (D4)						

			HAD	IS JUNIOR SEC	ONDARY SCHOOL
		Omitte	d scone in	Fastern Cane F	Province - Cluster 3
Item		Unit	Quantity	Rate	Amount
No					
50	Clause 4.1 - Samples of materials				
	- v -				
	F: V: T:	Item			
51	Clause 4.2 - Workmanship samples				
	F: V: T:	Item			
52	Clause 4.3 - Shop drawings				
	F: V: T:	Item			
53	Clause 4.4 - Compliance with manufacturer's instructions				
00	Olduse 4.4 Compliance with mandiacturer similar details				
	F: V: T:	Item			
		item			
	Deposits and fees (B5)				
54	Clause 5.1 - Deposits and fees				
	F: V: T:	Item			
	Tomporary corvince (R6)				
	Temporary services (B6)				
55	Clause 6.1 - Water				
	F: V: T:	Item			
56	Clause 6.2 - Electricity				
	F: V: T:	Item			
57	Clause 6.3 - Telecommunication facilities				
31	Clause 0.5 - Telecommunication facilities				
	F: V: T:	Item			
		iteiii			
58	Clause 6.4 - Ablution facilities				
	F: V: T:	Item			
	Carried to Collection			R	
	Bill No. 1 Preliminaries				
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			HAD	IS JUNIOR	SEC	ONDAR	SCHOOL
				Eastern Ca			- Cluster 3
Item No		Unit	Quantity		Rate		Amount
140							
	Prime cost amounts (B7)						
59	Clause 7.1 - Responsibility for <b>prime cost amounts</b>						
	Special attendance on n/s subcontractors (B8)						
60	Clause 8.1 - Special attendance						
	F: V: T:	Item					
	General (B9)						
61	Clause 9.1 - Protection of the works						
	F: V: T:	Item					
62	Clause 9.2 - Protection/isolation of existing/sectionally occupied works						
	F: V: T:	Item					
63	Clause 9.3 - Security of the works						
	F: V: T:	Item					
64	Clause 9.4 - Notice before covering work						
	F: V: T:	Item					
65	Clause 9.5 - Disturbance						
	F: V: T:	Item					
66	Clause 9.6 - Environmental disturbance						
	The contractor shall comply with good practice in terms of environmental management.						
	F: V: T:	Item					
67	Clause 9.7 - <b>Works</b> cleaning and clearing						
	F: V: T:	Item					
	Carried to Collection Bill No. 1				R		
	Preliminaries						

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		Omitte	Omitted scope in Eastern Cape Province - Cluster				
n		Unit	Quantity	Rate	Amoun		
•							
	Clause 9.8 - Vermin						
	F: V: T:	ltom					
	F 1:	Item					
	Clause 9.9 - Overhand work						
	F: V: T:	Item					
	Carried to Collect	ion		R			
	Bill No. 1 Preliminaries						
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		HADIS JUNIOR SECONDARY S				
					Province - Cluster	
Item No		Unit	Quantity	Rate	Amour	
	Schedule of variables (B10)					
	Information necessary for elections and completion of those clauses contained in the schedule which are necessary for tender purposes is given hereunder. Where no information is given it shall mean that no specific requirements are expected or that the clause is not relevant to this specific contract					
	10.1 - Provisional <b>bills of quantities</b> The quantities are provisional - No					
	10.2 - Availability of construction documentation Construction documentation is complete - Yes					
	10.3 - Previous work - dimensional accuracy					
	10.4 - Previous work - defects					
	10.5 - Inspection of adjoining properties					
	10.6 - Water					
	Option A (by <b>contractor</b> ) - Yes Option B (by <b>employer</b> - free of charge) - No Option C (by <b>employer</b> - metered) - No					
	10.7 - Electricity [7.3]					
	Option A (by <b>contractor</b> ) - Yes Option B (by <b>employer</b> - free of charge) - No Option C (by <b>employer</b> - metered) - No					
	10.8 - Telecommunications [7.4]					
	Telephone - Yes Facsimile - No E-mail - No					
	10.9 - Ablution facilities [7.5]					
	Option A (by <b>contractor</b> ) - Yes Option B (by <b>employer</b> ) - No					
	10.10 - Protection of the works [9.1]					
	10.11 - Protection/isolation of existing/sectionally occupied works [9.2]					
	Protection/isolation is required - Yes					
	10.12 - Disturbance [9.5]					
	10.13 - Environmental disturbance [9.6]					
	Carried to Collection			R	8	
	Bill No. 1 Preliminaries					

		HADIS JUNIOR SECONDARY SCH				
		Omitte	d scope in	Eastern Cape F	Province - Cluster 3	
Item No		Unit	Quantity	Rate	Amount	
	SECTION C: SPECIFIC PRELIMINARIES					
70	Site instructions					
	Contract instructions issued on <b>site</b> are to be recorded in triplicate in a site instruction book which is to be maintained on <b>site</b> by the <b>contractor</b>					
	F: V: T:	Item				
71	Warranties for materials and workmanship					
	Where warranties for materials and/or workmanship are called for, the <b>contractor</b> shall obtain a written warranty, addressed to the <b>employer</b> , from the firm supplying the materials and/or doing the work and shall deliver same to the on the <b>final completion</b> of the contract. The warranty shall state that workmanship, materials and installation are warranteed for a specific period from the date of <b>final</b> completion and that any <b>defects</b> that may arise during the specified period shall be made good at the expense of the firm supplying the materials and/or doing the work, upon written notice to do so. The warranty will not be enforced if the work is damaged by <b>defects</b> in the construction of the building in which case the responsibility for replacement shall rest entirely with the <b>contractor</b>					
	F: V: T:	Item				
72	Co-operation of the <b>contractor</b> for cost management					
	It is specifically agreed that the contractor accepts the obligation of assisting the principal agent in implementing proper cost management. The contractor will be advised by the principal agent of all cost management procedures which will be implemented to ensure that the final building cost does not exceed the budget. The 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					
	F: V: T:	Item				
	Carried to Collection Bill No. 1			R		

		HADIS JUNIOR SECONDARY SCHO				
		Omitte	d scope in	Eastern Cape	Province - Cluster 3	
Item No		Unit	Quantity	Rate	e Amount	
NO	Preliminaries					
73	Propping of floors below					
	The <b>contractor</b> is advised that propping of floors below may be required if he wishes to use any areas of completed suspended reinforced concrete slabs for vehicle access, storage of <b>materials and goods</b> and location of plant, scaffolding, etc. The location of these areas and any necessary propping shall be approved by the principal agent and the cost thereof shall be borne by the contractor					
	F: V: T:	Item				
74	Testing of windows for water tightness					
	Each window shall be tested for water tightness with water sprayed on using adequate pressure. If in the opinion of the <b>principal agent</b> the pressure proves to be inadequate, then the pressure shall be boosted by means of compressed air or other approved means					
	F: T:	Item				
75	Testing of flat roof waterproofing for water tightness					
	Flat roof waterproof areas shall be prepared with small sand dykes around them of a size and enclosing an area approved by the <b>principal agent</b> , flooded with water and kept "ponded" for at least 36 hours as a test to ensure the water tightness of the waterproofing and before any further construction work is carried out above the waterproofing					
	F: V: T:	Item				
	SUMMARY OF CATEGORIES					
	Category : Fixed R					
	Category : Value R					
	Category : Time R					
	Carried to Collection Bill No. 1			R	:	
	Preliminaries					

			HAD	IS JUNIOR SEC	ONDARY SCHOOL
		Omitte	ed scope in	Eastern Cape F	Province - Cluster 3
Item No		Unit	Quantity	Rate	Amount
NO					
	Bill No. 1				
	Preliminaries				
	COLLECTION	Page No			AMOUNT
	Total Brought Forward From page	-1-			
		-2-			
		-3-			
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		-14-			
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		-15-			
	Carried to Final Summary			R	
	Bill No. 1				
	Preliminaries				I

		01			CONDARY SCHOOL
Item		Unit	ed scope ii Quantity	n Eastern Cape Rate	Province - Cluster 3 Amount
No	BILL NO. 2				
	HEALTH AND SAFETY				
	MODEL PREAMLES				
	The tenderer is referred to the "Model Preambles for Trades 2008" for supplementary and comprehensive expansion of descriptions, appropriate provision for which shall be deemed to have been included in all relevant rates				
	SUPPLEMENTARY PREAMBLES				
	Supplementary preambles and/or specifications are incorporated in these bills of quantities to satisfy the requirements of this project. Such supplementary preambles and/or specifications shall take precedence over the provisions of the General Preambles.  The contractor's prices for all items throughout these bills of quantities shall take account of and include where applicable for all of the obligations, requirements and specifications given in the General Preambles and in any supplementary preambles and/or specifications.  Prior to pricing the principal contractor must familiarize him/herself with the Occupational Health and Safety Act No. 85 Of 1993, Construction Regulations 2014, other relevant Regulations and Standards as well as project specific Health & Safety specifications.  The items in this Bill do not contain quantities hence the Contractor must insert his own quantities based on his individual requirements to comply with the Health and Safety obligations and demands of the Occupational Health and Safety Act No. 85 of 1993, Construction Regulations 2014, other relevant Regulations and Standards as well as project specific Health & Safety Specifications.  The costs included herein must incorporate Community				
	Liaison Officer (CLO).				
	OCCUPATIONAL HEALTH AND SAFETY				
	General:				
1	Preparation of Contractor's site specific Health and Safety Plan.	ltem	1		
2	Submission of the Health and Safety File.	Item	1		
3	Principal Contractor's initial obligations in respect of the OHS Act and Construction Regulations.	Item	1		
	Carried to Collection				
	Health and Safety				

		HADIS JUNIOR SECONDARY SCHO				
Item		Unit	ed scope in	n Eastern Cape Rate	Province - Cluster 3 Amount	
No		Oiiit	Quantity	Nate	Amount	
4	Principal Contractor's time related obligations in respect of the OHS Act and Construction Regulations for the entire construction period.	Item	1			
5	Provision of full time Health and Safety Officer for the entire construction period.	Item	1			
6	Induction training of all personnel.	No	1			
7	Provision of first aid boxes.	No	1			
8	SANS approved weld mesh type temporary barrier fencing 1,8m high covered with a net fixed to and including 100mm diameter gum poles set securely min 300mm deep in ground at max 3m spacing including excavation, backfilling, etc	m	200			
9	Extra over mesh fence for pedestrian gate size 1.8 x 1,8m high.	No	1			
	Provision for Personal Protective Equipment and Protective Clothing:					
11	Provision of Protective Equipment and clothing	Item	1			
	C16. Covid-19 Compliance Measures					
12	The Contractor is required to price for Covid 19 compliance and the pricing thereof shall be deemed to include all the mandatory requirements.	Item	1			
	Carried to Collection Bill No. 2 Health and Safety					

	HADIS JUNIOR SECONDARY SCHOOL				
Item		Omit Unit	ted scope in Quantity	n Eastern Cape Rate	Province - Cluster 3 Amount
No		- Oille	Quantity	rtato	runount
	Bill No. 2				
	Health and Safety				
	COLLECTION	Page			AMOUNT
		No			
	Total Brought Forward From page	-17-			
		-18-			
		-10-			
	Carried to Final Summary Bill No. 2			R	
	Health and Safety				

		Omit			NDARY SCHOOL ovince - Cluster 3
Item		Unit	Quantity	Rate	Amount
No	BILL No. 3				
	SUNDRY BUILDERS WORK				
	CARPENTRY AND JOINERY				
	DOORS ETC				
	Wrought meranti doors hung to steel frames / wooden frame				
1	44mm Framed batten door 813 x 2032mm high of 44 x 150mm top rail and stiles, 22 x 150mm middle ledge and braces and 22 x 220mm bottom rail filled in with 22mm V-jointed one side boarding and covered on other side and including rebates all round	No			
	IRONMONGERY				
	LOCKS				
	Note: Locks to be suitable for and master and sub master keysystems				
	Union or similar approved				
2	50mm Padlock	No			
3	Three lever lockset	No			
	LETTERS, NAMEPLATES, PUSHPLATES, ETC				
	Assa Abloy' or other similar approved				
4	150 x 150mm engraved aluminium "male" indicator plate	No	2.00		
5	150 x 150mm engraved aluminium "female" indicator plate	No	2.00		
6	150 x 150mm engraved aluminium "Disabled" indicator plate	No	1.00		
	BATHROOM FITTINGS				
	<u>"Vaal Paragon"</u>				
7	32mm Type 9 back grab rail 800mm long plugged	No	1.00		
8	32mm Type 8 side grab rail 900mm girth plugged	No	1.00		
	Carried to Collection Bill No. 3 Sundry Builders Work				

		Omit		SECONDARY SCHOOL pe Province - Cluster 3
Item			Quantity	
No	Stainless steel bathroom fittings  Free standing She Bin; manufactured from Grade 304 1,2/1,5mm Stainless Steel, satin finished with			
9	surface treatment. The container to have an approximately 20 litre capacity.	No	9.00	
	METALWORK			
	GALVANISED STEEL GATES, SCREENS, ETC			
	Prepainted - Welded screens and gates			
10	Single gate and frame for opening 813 x 2 032mm high overall, the outer frame of 50 x 50 x 2,5mm hollow section bolted to wall with and including eight 70mm M80 expansion bolts and the gate 800 x 2 038mm high of 60 x 40 x 2,0mm hollow section frame with two 60 x 40 x 2,0mm hollow section horizontal rails with 20mm diameter vertical rods at 110mm centers with 25mm diameter x 80mm long pin hinge, complete with 5pin upright double throw security mortice deadlock in 3mm steel plate housing	No		
	PLUMBING AND DRAINAGE (PROVISIONAL)			
	MODEL PREAMBLES			
	The tenderer is referred to the "Model Preambles for Trades 2008" for supplementary and comprehensive expansion of descriptions, appropriate provision for which shall be deemed to have been included in all relevant rates			
	SANITARY FITTINGS			
	Rust and corrosion resistant, uv-resistant polyethylene pedestals, urinals, basins, etc.  Product and colour to Principal Agent's approval:			
11	VIP 450 Toilet Seat to match existing	No	7.00	
	WASTE UNIONS ETC			
	<u>Brass</u>			
12	32mm Basin waste union	No		
13	38mm Urinal waste union with chromium plated dome	No		
	Carried to Collection Bill No. 3 Sundry Builders Work			

		Omit			SECONDARY SCHOOL pe Province - Cluster 3
Item		Unit	Quantity	Rate	Amount
No	TRAPS ETC				
	uPVC				
14	38 x 50mm Deep seal trap	No			
	Chromium plated	140			
15	38 x 50mm Bottle trap	No			
.0	TAPS, VALVES, ETC				
	"Cobra watertech" or equal approved				
16	15mm Code KM 2.100 self closing pillar tap	No			
17	Flushmaster FJ6.000 urinal flush valve	No			
	SANITARY PLUMBING				
	PVC waste or vent pipes and fittings:				
18	50mm Waste pipe.	m			
	Extra for:				
19	50mm BSP adapator	No			
20	50mm Bend.	No			
21	50mm Access bend.	No			
	Carried to Collection Bill No. 3 Sundry Builders Work				

		HADISJUNIOR SECONDARY SCHOOL Omitted scope in Eastern Cape Province - Cluster 3				
Item		Unit	Quantity	Rate	Amount	
No	Bill No. 3					
	Sundry Builders Work					
	COLLECTION	Page			AMOUNT	
	COLLECTION	No			AWOONT	
	Total Brought Forward From page	-20-				
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		-22-				
	Carried to Final Summary Bill No. 3 Sundry Builders Work			R		

		HADIS JUNIOR SECONDARY SCH				
		Om			e Province - Cluster 3	
Item			Quantity	Rate	Amount	
No	BILL No. 4					
	EXTERNAL WORKS (PROVISIONAL)					
	MODEL PREAMBLES					
	The tenderer is referred to the "Model Preambles for Trades 2008" for supplementary and comprehensive expansion of descriptions, appropriate provision for which shall be deemed to have been included in all relevant rates					
	THE FOLLOWING IN ONE BRICK WALL (GARDEN WALL)					
	Excavation in earth not exceeding 2m deep:					
1	Trenches.	m3	64.80			
	Extra over trench and hole excavations in earth for excavation in					
2	Soft rock	m3	3.24			
3	Hard rock	m3	3.24			
	Extra over all excavations for carting away:					
	Surplus material from excavations and/or stock piles on site to a dumping site to be located by the Contractor.	m3	33.73			
	Risk of collapse of excavations:					
4	Sides of trench and hole excavations not exceeding 1,5m deep.	m2	216.00			
	Keeping excavations free of water					
5	Keeping excavations free of water	Item	1.00			
	Earth filling obtained from the excavations and/or prescribed stock piles on site compacted to 93% MOD AASHTO density:					
6	Backfilling to trenches, holes, etc.	m3	31.07			
	Compaction of surfaces					
7	Compaction of ground surface under floors, etc including scarifying for a depth of 150mm, breaking down oversize material, adding suitable material where necessary and compacting to 90% Mod AASHTO density.	m2	108.00			
	Carried to Collection Bill No. 4 External Works					

8 To be REIN EXC. 25 M Making stren Rein High concuber 42 One BRIC BRIC Compuber 42 13 One Brick Computer 42 13 One Brick	POISONING  I insecticide to be executed with SABS inpliance by a firm of specialists under a 5 year example of trenches, etc.  NFORCED CONCRETE CAST AGAINST CAVATED SURFACES  Mpa/19mm Concrete of footings.  It blocks:	Om Unit	Quantity  324.00	n Eastern Cap Rate	e Province - Cluste Amount
No SOIL   Soil   Compared   8 To be REIN EXC.   25 M   9 Strip   Test   10 Makin stren   Rein   High conc   BRIC   Brick   compared   11 One   BRIC   BRIC   Some   BRIC	Insecticide to be executed with SABS  Inpliance by a firm of specialists under a 5 year prantee  Dottoms and sides of trenches, etc.  NFORCED CONCRETE CAST AGAINST CAVATED SURFACES  Mpa/19mm Concrete  Defootings.			Kate	Amount
8 To be REIN EXC. 25 M Makin stren Rein High conc BRIC Om be 42 12 One BRIC Comp be 42 13 One Brick Co	Insecticide to be executed with SABS  Inpliance by a firm of specialists under a 5 year prantee  Dottoms and sides of trenches, etc.  NFORCED CONCRETE CAST AGAINST CAVATED SURFACES  Mpa/19mm Concrete  Defootings.	m2	324.00		
8 To be REIN EXC.  25 M 9 Strip Test 10 Makin stren Rein High concider of the Atlent Service of the Atlent Ser	npliance by a firm of specialists under a 5 year trantee  cottoms and sides of trenches, etc.  NFORCED CONCRETE CAST AGAINST CAVATED SURFACES  Mpa/19mm Concrete  o footings.	m2	324.00		
8 To be REIN EXC.  25 M 9 Strip Test 10 Makin stren Rein High conce BRIC Some be 42  12 One BRIC Brick comp be 42  13 One Brick comp be 42  13 One Brick comp	oottoms and sides of trenches, etc.  NFORCED CONCRETE CAST AGAINST CAVATED SURFACES  Mpa/19mm Concrete o footings.	m2	324.00		
9 Strip Test 10 Makin stren Rein High conce BRIC Some BRIC Brick Comp be 42 12 One BRIC Brick Comp be 42 13 One Brick Some Brick Some Brick Some Some Some Some Some Some Some Some	NFORCED CONCRETE CAST AGAINST CAVATED SURFACES  Mpa/19mm Concrete o footings.	m2	324.00		
9 Strip Test 10 Makin stren Rein 11 High conci BRIC Comp be 42 12 One BRIC Brick comp be 42 13 One Brick comp be 42	CAVATED SURFACES  Mpa/19mm Concrete  o footings.				
9 Strip Test 10 Makinstren Rein High conce BRIC Som be 42 12 One BRIC Brick com be 42 13 One Brick som be 42	o footings.				
10 Making stren Rein High concess BRIC Brick comple 42  12 One BRIC Brick comple 42  13 One Brick comple 42	·	1			
10 Makin stren Rein High conci BRIC Comple 42  12 One BRIC Brick Comple 42  13 One Brick Some 42  13 One Brick Some 42	t blocks:	m3	27.00		
stren  Rein  High conci  BRIC  Bricl com be 42  12 One BRIC  Bricl com be 42  13 One Bricl					
High conciliance of the second	sing and testing of 150x150x150mm concrete ngth test cubes (Provisional).	No	12.00		
Brick comp be 42  12 One BRIC Brick comp be 42  13 One Brick comp be 42	nforcement (Provisional)				
Brick complex 42  12 One BRICK Brick complex 42  13 One Brick Brick	n tensile steel reinforcement bars to structural crete work.	t	2.16		
12 One  BRIC  Brick  com  be 4:  13 One  Brick  Brick  Brick  Brick  Brick  Brick  Brick  Brick	CKWORK IN FOUNDATIONS.				
BRIC complete 42 one Brick	ckwork of NFX bricks (14 MPa nominal npressive strength) in Class I mortar (Cement to 42.5N all-purpose cement):				
Brick com be 42 13 One Brick	e brick walls.	m2	61.20		
toming be 42 and the second se	CKWORK IN SUPERSTRUCTURE				
Brick	ckwork of NFP bricks (14 MPa nominal npressive strength) in Class II mortar (Cement to 14.5% all-purpose cement):	_			
	e brick walls.	m2			
14 230m	ckwork reinforcement:				
1	mm Wide reinforcement built in horizontally.	m	360.00		
15 Ditto	but in foundations.	m	180.00		
Bill N		ı			

			н/	ADIS JUNIOR S	SECONDARY SCHOOL	
					mitted scope in Eastern Cape Province - Cluster	
Item		Unit	Quantity	Rate	Amount	
No						
	FACE BRICK					
	"Rustgold FBS/Qunu Travertine" clay face brick or equal approved, size 222 x 106 x 73mm, bedded and					
	jointed in Class II mortar and pointed with recessed vertical and recessed horizontal joints, suitable for					
	exposure zones 1-2 (Cement to be 42.5N all- purpose cement):					
16	One brickwall faced on both sides.	m2	55.73			
	Brick-on-edge header course copings, sills, etc, of					
	"Rustgold FBS/Qunu Travertine" or equal approved face bricks pointed with recessed joints on all					
	exposed faces, 220mm wide sill set sloping and					
	slightly projecting:					
17	230mm wide header course to top of one brick wall bedded and jointed in cement mortar and pointed on	m	180.00			
17	top and both sides as described.	m	160.00			
	Cast in-situ Ref 395 mesh reinforced concrete (25MPa) open stormwater channels having V-					
	shaped waterway formed in top, finished smooth					
	on all exposed surfaces in 3:1 cement plaster					
	trowelled smooth and with angles rounded, cast in suitable lengths not exceeding 2m, including all					
	formwork, moulds, shallow excavation, filling and					
	ramming, laying to falls, bedding and pointing in					
	3:1 cement mortar. Concrete apron to be tinted,					
	colour to be specified by the Engineer.					
	700 x 80mm thick V' channel 150mm deep in centre laid					
18	in position in ground in 2000mm sections including all formwork, reinforcement, expansion joints, smooth	m	180.00			
	finishing to top of concrete surface etc.					
	Extra for 700mm angle.	No	2.00			
	Extra for forming 200mm thick 700mm wide spreader					
	with 200mm high edges fanning out to 1 960mm width					
19	at furthest end with hard burnt bricks pitching cast in as	No	2.00			
	diffusers including working off concrete to a smooth finish and draining onto natural ground with 150 -					
	200mm diameter loose stones.					
	THE FOLLOWING IN WALKWAYS					
	Demolish and remove					
20	80mm thick ramps and walkways	m2	12.00			
	Carried to Collection					
	Bill No. 4 External Works					
	LEVICILIAI MAINS		ı l		I	

			Н/	ADIS JUNIOR S	SECONDARY SCHOOL
		Om			e Province - Cluster 3
Item		Unit	Quantity	Rate	Amount
No					
	Extra over all excavations for loading, carting and				
	dumping surplus excavated material (no allowance made for increase in bulk):				
	made for moreage in bank).				
21	Off site to a dumping site to be found by the Contractor.	m3	0.96		
	Filling supplied by the contractor under floors, aprons, etc				
22	G7 Base course material compacted to 98% Mod AASHTO density	m3	3.00		
	Coarse river sand filling supplied by the contractor:				
23	Under floors etc.	m3	1.00		
	Compaction of surfaces:				
24	Compaction of ground surface under floors etc including scarifying for a depth of 150mm, breaking down oversize material, adding suitable material where necessary and compacting to 90% Mod AASHTO density.	m2	12.00		
	Prescribed density tests on filling:				
25	In-situ dry density test.				
	Reinforced 25Mpa/19mm Concrete:				
26	Ramps, Landings, etc.	m3	0.96		
	Finishing top surfaces of concrete smooth with a wood float:				
27	Surface beds, slabs, etc to falls and currents.	m2	12.00		
	Test blocks:				
28	Making and testing of 150x150x150mm concrete strength test cubes (Provisional).	No	4.00		
	Expansion joints with bitumen impregnated softboard				
	between vertical concrete or brick surfaces:				
29	12mm Joints not exceeding 300mm high.	m			
	Carried to Collection				
	Bill No. 4				
	External Works		1		

			НА	DIS JUNIOR S	SECONDARY SCHOOL
		Om		in Eastern Cap	e Province - Cluster
Item		Unit	Quantity	Rate	Amount
No	Two-part grey polysulphide sealing compound backing cord, bond breaker, primer, etc				
30	10 x 12mm In movement joints in floors or walls including raking out expansion joint filler as necessary.	m	15.00		
	Fabric reinforcement:				
31	REF. 395 fabric reinforcement in concrete surface beds, slabs, etc.	m2	12.00		
	Waterproofing under Surface beds				
32	350 Micron USB orange polyethylene dampproof membrane in accordance with SABS 952 Type C laid on sand bed (elsewhere measured).	m2	12.00		
	THE FOLLOWING IN DISABLED ACCESS RAMPS				
	Demolish and remove				
33	80mm thick ramps and walkways	m2			
	Extra over all excavations for loading, carting and dumping surplus excavated material (no allowance made for increase in bulk):				
34	Off site to a dumping site to be found by the Contractor.	m3			
	Filling supplied by the contractor under floors, aprons, etc				
35	G7 Base course material compacted to 98% Mod AASHTO density	m3			
	Reinforced 25Mpa/19mm Concrete:				
36	Ramps, Landings, etc.	m3			
	Test blocks:				
37	Making and testing of 150x150x150mm concrete strength test cubes (Provisional).	No	4.00		
	Expansion joints with bitumen impregnated softboard between vertical concrete or brick surfaces:				
38	12mm Joints not exceeding 300mm high.	m			
	Carried to Collection Bill No. 4 External Works				

					ECONDARY SCHOOL
•					e Province - Cluster 3
Item No		Unit	Quantity	Rate	Amount
NO	Fabric reinforcement:				
39	REF. 395 fabric reinforcement in concrete surface beds, slabs, etc.	m2			
	Waterproofing under Surface beds				
40	350 Micron USB orange polyethylene dampproof membrane in accordance with SABS 952 Type C laid on sand bed (elsewhere measured).	m2			
	THE FOLLOWING IN STORMWATER DRAINAGE, APRONS ETC.				
	STORMWATER APRONS				
	Excavation not exceeding 2m deep				
41	Reducing levels and depositing excavated material inprescribed stock piles on site.	m3	6		
	Extra over all excavations for loadina, carting and dumping surplus excavated material (no allowance made for increase in bulk):				
42	Off site to a dumping site to be found by the Contractor.	m3	9		
	Filling supplied by the contractor under floors, aprons, ect				
43	G7 Base course material compacted to 98% ModAASHTO density	m3	12		
44	Over site of Selected Subgrade G5 material in accordance with SABS 1 200 DM in layers not exceeding 150mm thick and compacted to 95% Mod AASHTO density.	m3			
	Coarse river sand filling supplied by the contractor:				
45	Under floors etc.	m3			
	Compaction of surfaces:				
46	Compaction of ground surface under floors etc including scarifying for a depth of 150mm, breaking down oversize material, adding suitable material where necessary and compacting to 90% Mod AASHTO density.	m2	15		
	Prescribed density tests on filling.				
47	In-situ dry density test.	No	2		
	Carried to Collection Bill No. 4 External Works				

					SECONDARY SCHOOL
		_			pe Province - Cluster 3
Item No		Unit	Quantity	Rate	Amount
NO	Deinfanced OFMun (40mm) Company				
	Reinforced 25Mpa/19mm Concrete:				
48	Surface beds cast in panels on waterproofing.	m3	4		
49	Edge thickening	m3			
	Finishing top surfaces of concrete smooth with a wood float:				
50	Surface beds, slabs, etc to falls and currents.	m2	15		
	Test blocks:				
51	Making and testing of 150x150x150mm concrete strength test cubes (Provisional).	No	4		
	Expansion joints with bitumen impregnated softboard between vertical concrete or brick surfaces:				
52	12mm Joints not exceeding 300mm high.	m			
	Two-part grey polysulphide sealing compound including backing cord, bond breaker. primer. Etc				
53	10 x 12mm In movement joints in floors or walls including raking out expansion joint filler as necessary.	m			
	Fabric reinforcement:				
54	REF. 395 fabric reinforcement in concrete surface beds, slabs, etc.	m2	15		
	Waterproofing under Surface beds				
55	350 Micron USB orange polyethylene dampproof membrane in accordance with SABS 952 Type C laid on sand bed (elsewhere measured).	m2	15		
	THE FOLLOWING IN SUB-SOIL DRAINAGE ETC.				
	Site Clearance. ETC				
56	Digging up and removing rubbish, debris, vegetation, hedges, shrubs and trees not exceeding 200mm girth, bush, etc	m2			
	Excavation in earth not exceeding 2m deep:				
57	Trenches.	m3			
	Bill No. 4 External Works				

				ADIC IIINIOD CI	ECONDARY COLLOCI
		HADIS JUNIOR SECONDARY SC Omitted scope in Eastern Cape Province - Cl			
Item		Unit	Quantity	Rate	Amount
No	Extra ever all everytions for certing every				
	Extra over all excavations for carting away:				
58	Surplus material from excavations and/or stock piles on site to a dumping site to be located by the Contractor.	m3			
	Risk of collapse of excavations:				
59	Sides of trench and hole excavations not exceeding 1,5m deep.	m2			
	Earth filling obtained from the excavations and/or prescribed stock piles on site opmpacted to 93% MOO AASHTO density:				
60	Backfilling to trenches, holes, etc.	m3			
	Earth filling 300 x 300mm section of 19mm thick stone material surrounding 110mm uPVC pipe.				
	supplied by the contractor compacted to 98% Mod  AASHTO density:				
61	19mm Stone.	m3			
	<u>Membrane</u>				
62	""Geofabric filter blanket wrapped around stone with 150mm side and 300mm end laps, including stitching.	m2			
	Keeping excavations free of water:				
63	Keeping excavations free from mud and all water including subterranean sources.	Item			
	Compaction of surfaces				
64	Compaction of ground surface under floors, etc including scarifying for a depth of 150mm, breaking down oversize material, adding suitable material where necessary and compacting to 90% Mod AASHTO density.	m2			
	SOIL DRAINAGE				
	160mm Diameter perforated uPVC pipe surrounded with 300 x 300mm section of 20mm stone wrapped in A3 geotextile material.				
65	160mm uPVC pipe.	m			
	Extra for:				
66	160mm Tee.	No			
67	160mm Bend.	No			
	Carried to Collection				
	Bill No. 4 External Works				

			H	ADIS JUNIOR S	ECONDARY SCHOOL
		Om			e Province - Cluster 3
Item		Unit	Quantity	Rate	Amount
No	THE FOLLOWING IN HEADWALLS				
68	Excavation not exceeding 2m deep.	m3	113.40		
69	Risk of collapse not exceeding 1,5m deep	m2	162.00		
70	Keeping excavations free from water	Item			
71	Carting away surplus excavated material	m3	28.35		
72	150mm layer of G7 material compacted to 95% MOD PASHTO under concrete slab.	m3	28.35		
73	150mm layer of G5 material compacted to 95% MOD AASHTO under concrete slab.	m3	28.35		
74	25Mpa/19mm Reinforced concrete in bottom slabs and footings.	m3	28.35		
75	Formwork to edges, risers, ends and reveals not exceeding 300mm wide or high.	m			
76	Weld Mesh Ref 193 in Concrete bottom slab.	m2	193.05		
77	One brick wall of 14 MPa NFX bricks.	m2	193.05		
78	230mm Wide reinforcement built in horizontally.	m	540.00		
	THE FOLLOWING IN SECURITY FENCING, ETC				
	Site clearance				
79	Allow for clearing site for the width of 1 000 mm where fencing is to be erected including removing trees, shrubs etc. not exceeding 200 mm girth, grubbing up roots and roughly levelling.	m2	130		
	Straining wires. fencing and razor wire:				
80	Four strands of 4mm Class'A galvanised straining wires secured to fencing posts with doubled 2 mm galvanised wire inserted through hole in post and turned a minimum of four turns around straining wire and attached to straining frame at one end with not less than four turns at the other end to straining bolts (elsewhere measured).	m	520		
81	3 Strands of galvanised barbed wire tied to standards, posts and eye bolts	m	390		
	Carried to Collection Bill No. 4 External Works				

					ECONDARY SCHOOL
Item		Unit	Quantity	n Eastern Cap	e Province - Cluster 3 Amount
No		Oiiit	Quantity	Nate	Amount
82	Fencing formed of 50 x 50 x 2.0mm diameter galvanised fencing 1 800mm high and fixed to each straining wire with 8 guage binding wire at 500mm centres including Y 12 pegs at 900mm c/c between posts (straining wires elsewhere measured).	m	130		
	Posts for 1 800mm high security fence:				
83	60mm Diameter galvanised steel intermediate fencing post 3,000mm long fitted with a pressed steel mushroom cap one end and 150 x 150 x 5 mm baseplate at bottom and embedded in and including 350 x 350 x 600 mm mass concrete (15 MPa) base.	No	32		
84	100mm Ditto as corner post, fitted with two 50mm diameter galvanised steel stay set raking and with top end flattened and bolted through post, with post and stay both embedded in mass concrete (15 MPa) bases as last.	No	7		
85	150mm Ditto as gate post 3,000mm long, fitted with two 50mm diameter galvanised steel stay set raking and with top end flattened and bolted through post, with post and stay both embedded in mass concrete (15 MPa) bases as last.	No	2		
86	12mm Diameter galvanised mild steel straining eye bolt with hook, threaded portion and two nuts and washers.	No	14		
87	Form 12mm diameter hole through fence post.	No	28		
88	Gates:  Security fence single gate, size 1 000 mm wide x 2 400 mm high, formed of 50 mm diameter nominal bore x 3,25 mm wall thickness hot dip galvanised mild steel pipe framing all round with mitred and welded angles and cross braces mullion and transome, scribed and welded into angles and at cross intersections, With two 50 mm diameter nominal bore x 3,25 mm wall thickness security posts each 600 mm long with one end welded to top rail of gate and closure plate to other end, the gate covered with 100 x 50 x 2,5 mm weld mesh with four straining wires as before described and with four 2,37 mm four point core diameter single 0kampeonwires with crimped droppers to security posts as before described; including three strands flat wrap razor barbed tape wire fixed as before described, leaf fitted with three 24 mm diameter x 300 mm long eyebolt hinges and stops including all holes, etc., welded or bolted to adjoining galvanised gatepost with and including 500 mm long approved chain spot welded to	No	1		
	Carried to Collection Bill No. 4 External Works				

		HADIS JUNIOR SECONDARY SC Omitted scope in Eastern Cape Province - Clu			
em		Om Unit	itted scope i	in Eastern Cape Rate	e Province - Cluste Amount
lo		Jill	Quantity	Nate	Amount
	Bill No. 4				
	External Works				
	COLLECTION	Page No			AMOUNT
	Total Brought Forward From page	-24-			
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	Carried to Final Summar Bill No. 4	У		R	

		Om:			CONDARY SCHOOL
				n Eastern Cape	Province - Cluster 3
Item No		Unit	Quantity	Rate	Amount
	BILL No. 5				
	PROVISIONAL SUMS				
	SUPPLEMENTARY PREAMBLES				
	I enderers are advised that no claim in respect or loss of profit or Preliminary charges based on the omission of these amounts will be considered and the said amounts will be omitted strictly without any financial compensation payable to the Contractor.				
	Provisional sums and Budgetary allowances contained herein may be omitted or reduced at the Employer's discretion and the Contractor shall not be entitled to claim for any loss by way of reductions or omission of any discount, or percentage relating to Provisional amounts and Budgetary sums or any loss of profit related therto.				
	BUDGETARY ALLOWANCES				
	The following budgetary allowances are for work to be executed at rates in the bills of quantities or to be agreed by the Principal agent:				
	Provide the sum of R22 500.00 for the employment of a Community Liaison Officer to be employed by the Main Contractor and be paid an allowance of R7 500.00 a month for the duration (3 months)	Item			22,500.00
	Profit and attendance on the above item	Item			
	LANDSCAPING				
	Provide the sum of R70 000. 00 for landscaping to be used as directed by the Principal Agent and deducted in whole or in part if not required	Item			70,000.00
	Profit and attendance on the above item	Item			
	HIRING OF ABLUTION FOR LEARNERS WHILE REPAIRS TAKING PLACE				
	Provide the sum of R30 000. 00 for landscaping to be used as directed by the Principal Agent and deducted in whole or in part if not required	Item			30,000.00
	Profit and attendance on the above item	Item			
	Carried to Final Summary			R	

			HADISJUNIOR	SECONDARY SCHOO
		Omitted so	cope in Eastern C	ape Province - Cluster
Bill No		Page No		Amount
1	PRELIMINARIES	-16-		
2	HEALTH AND SAFETY	-19-		
3	SUNDRY BUILDERS WORK	-23-		
4	EXTERNAL WORKS (PROVISIONAL)	-34-		
5	PROVISIONAL SUMS	-35-		
	Sub-total			
	CONTINGENCY SUM			
	Allow for 5% Contingencies for works, to be used as directed by the Project Manager and deducted in			
6	whole or in part if not required			
	Sub-total of works Excluding VAT			
	Saz idali si neme Biologiani			
	Value Added Tax @ 15%			
	Sub Total (VAT INCL.) CARRIED TO TENDER FORM		R	
	TOKW			