	Description	Unit	Qty	Rate	Amount
5	SECTION No. 1				
E	Bill No. 1				
F	PRELIMINARIES				
1	NOTES				
ľ	The Principal Building Agreement JBCC Series 2000 (Edition 4.1 Code 2101 March 2005), recommended by the Joint Building Contracts Committee and amended as hereinafter described, shall apply.				
F	The Preliminaries (May 2005 Edition) for use with the JBCC Series 2000 Principal Building Agreement as recommended by the Joint Building Contracts Committee shall be deemed to be incorporated herein.				
Å	The Model Preambles for Trades as published by the Association of South African Quantity Surveyors (1999 Edition) shall be taken to be incorporated in these bills of quantities and shall be applicable to the building works.				
t t	Tenderers are referred to the above mentioned documents for the full 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 applicable to this contract, such modifications/corrections or additions as are necessary, are given as far as possible under each relevant clause heading.				
ŗ	No claim whatsoever shall be entertained in respect of errors or omissions in oricing due to brevity of descriptions of items which are fully described when read in Preliminaries and Preambles.				
() () () () () () () () () ()	The Tenderers shall allow opposite each of the Clauses whatever costs and charges he may consider necessary for the carrying out, comply with and due observance of the provisions, conditions and requirements set out herein. Only oriced items will be considered in respect of any adjustment of this Section. Any items left unpriced will be understood to be provided free of charge and no claim for any extras arising out of the Tenderer's omission to price any item will be entertained.				
t	Where modifications or amendments as described are made, such modifications and/or amendments shall supercede any conflicting provisions in the relevant Clauses of the Preliminaries or the Principal Building Agreement and the tenderer shall make due allowance for whatever costs and charges he may consider necessary for the carrying out and observance of the provisions of the clauses as modified and/or amended.				
į	Any item not relevant to this Contract is marked N/A.				
t	If alternative A for the adjustment of Preliminaries is selected (Clause 10.3) then each priced item shall be clearly divided according to one or more of the following denotations:				
١	≘ = Fixed amount ☑ = Variable in proportion to contract value ፲ = Variable in proportion to construction period				
	SECTION A: PRINCIPAL BUILDING AGREEMENT (JBCC SERIES 2000 - EDITION 4.1 CODE 2101 MARCH 2005)				
I	DEFINITIONS				
[Definitions and Interpretation (Clause 1.0)	Item	1		
F	F:T:				
F	Carried to Collection Bill No. 1				
	Preliminaries				

Description	Unit	Qty	Rate	Amou
OBJECTIVE AND PREPARATION				
Offer acceptance and Performance (Clause 2.0)	Item	1		
F: V: T:				
Documents (Clause 3.0)	Item	1		
The Bills of Quantities shall not be used for ordering of materials				
Clause 3.1 shall be deleted in its entirety.				
Clause 3.2.2 shall be deleted in its entirety.				
Clause 3.3 shall be deleted and replaced with: "The Contractor shall, before or at Site Handover, sign and deliver to the Principal Agent, a waiver of contractor's lien".				
F:T:				
Design responsibility (Clause 4.0)	Item	1		
The following new clauses are hereby added to this clause:				
Any sub-contractor whose subcontract involves design work will be required to sign an indemnity in order to provide to the employer evidence of "professional indemnity" insurance for such design work.				
If the Contractor fails to obtain the necessary design warranties from the subcontractors, the design responsibility shall be deemed to devolve upon the Contractor.				
F:T:				
Employer's agents (Clause 5.0)	Item	1		
F:T:				
Site representative (Clause 6.0)	Item	1		
Clause 6 is amended by the addition of the following:				
The names, CV's and organogram of the contractor's proposed management team shall be submitted to the principal agent prior to commencement on site and, after the principal agent's agreement on the composition and competence thereof has been obtained, no changes shall be made nor shall any member of the said team be removed from the project while remaining in the employ of the contractor, without the principal agent's prior written approval.				
F: V: T:				
Compliance with regulations (Clause 7.0)	Item	1		
Clause 7.0 is amended by the addition of the following clause:				
The employer reserves the right to pay direct (i.e. not through the contractor) for all or any permanent connections to local or other authority services, for which provisional amounts have been included within the selected subcontract bill/section hereof. In the event of the employer paying direct for these charges, the contractor will not be entitled to a ten percent (10%) mark-up in terms of Clause 32.4. All such provisional amounts included in the contract sum will be omitted.				
Carried to Collection				

	Description	Unit	Qty	Rate	Amount
the Reg 199 doc sha safe beh con regu spe	hout limiting the generality of the provisions of clause 7.0 of the agreement, contractor's attention is drawn to the provisions of the Construction gulations, 2003 issued in terms of the Occupational Health and Safety Act, 3 in which it is specifically stated that the employer shall prepare a umented health and safety specification for the works and that the employer II ensure that the contractor has made provision for the cost of health and ety measures during the execution of the works. The principal agent shall, on alf of the employer, issue such health and safety specification and the tractor shall price opposite this item for compliance with the act and the ulations and the provisions of the aforementioned health and safety cification, provided such provisions are reasonable in terms of the act and regulations.				
F:	V:				
Wo	rks risk (Clause 8.0)	Item	1		
Cla	use 8.0 is amended by the addition of the following clause:				
8.2.	3The contractor shall be liable for and pay the deductibles.				
Cla	use 8.6 is deleted and substituted with:				
Em	e Contractor shall forthwith notify the principal agent, the Employer and ployer's Insurance Broker, as well as any other insurer involved of any sical loss and damage to the works that comes to his attention.				
	V: T: T:	Item	1		
Cla	use 9.1.1 is deleted and substituted with:				
any aris	ims from other parties consequent upon the death or bodily injury or illness of person or physical loss or damage to any property, other than the works, ing out of or due to the execution of the works or occupation of the Site by Contractor or his Subcontractors".				
F:	V:				
Wo	rks insurances (Clause 10.0)	Item	1		
Cla	use 10.0 is amended by the addition of the following clause:				
10.5	5The Contractor shall be liable for and pay the deductibles.				
F:	V: T:				
Lial	bility insurances (Clause 11.0)	Item	1		
Cla	use 11.0 is amended by the addition of the following clause:				
11.3	B⊡he Contractor shall be liable for and pay the deductible.				
F:	V:				
Effe	ecting insurances (Clause 12.0)	Item	1		
F:	V:				
No	clause	Item	1		
F:	V:				
Sec	curity (Clause 14.0)	Item	1		
	Carried to Collection				
	No. 1 liminaries				

	Description	Unit	Qty	Rate	Amount
f	Tenderers are required to submit proof with their tenders from the Guarantor that security will be provided should their tender be accepted - such proof to be in the form of a letter from the Guarantor stating the amount of security to be provided. The above security requirement shall also apply to all nominated/selected subcontractors.				
-	The following new sub-clause shall be added:				
f	In the event that the value of the works (excluding adjustments in terms of the contract price adjustment provisions) were to increase during the course of the contract by an amount of 15% or more of the contract sum, upon written request from the Principal Agent, the Contractor shall immediately arrange to have the construction guarantee "guaranteed sum" increased accordingly, the verified cost of which shall be added to the contract sum".				
F	F: V: T:				
ı	EXECUTION				
ı	Preparation for and execution of the works (Clause 15.0)	Item	1		
F	F: V: T:				
4	Access to the works (Clause 16.0)	Item	1		
F	F: V: T:				
•	Contract instructions (Clause 17.0)	Item	1		
F	F: V: T:				
,	Setting out of the works (Clause 18.0)	Item	1		
-	The following sub-clauses are hereby added to this clause:				
t	18.5The Contractor shall perform tolerance control checks regularly throughout the contract period and report on these at regular intervals to the Principal Agent".				
F	F: V: T:				
,	Assignment (Clause 19.0)	Item	1		
F	F: V: T:				
ı	Nominated sub-contractors (Clause 20.0)	Item	1		
- 1	All amounts allowed under Provisional Sums are intended to be awarded to Nominated Subcontractors.				
F	F:T:				
,	Selected sub-contractors (Clause 21.0)	Item	1		
F	F: V: T:				
ı	Employers Direct Contractors (Clause 22.0)	Item	1		
	Carried to Collection				
	Bill No. 1 Preliminaries				

n	Description	Unit	Qty	Rate	Amount
	The following sub-clauses are hereby added to this clause:				
	The contractor shall not be entitled to any percentage profit or discount on the value of any work executed by direct contractors but shall nevertheless allow direct contractors and the employer's tenants and employees to have access to the works, allocate reasonable space in the building for the storage of their material, tools and equipment, all to the satisfaction of the principal agent. The contractor shall also allow the direct contractors, etc. to use, free of charge, the ablution facilities and water and power supply on the site, and shall not in any way hinder or prevent the execution of their work.				
	F: V: T:				
	Contractors Domestic Subcontractors (Clause 23.0)	Item	1		
	F: V: T:				
	COMPLETION				
	Practical completion (Clause 24.0)	Item	1		
	The Contractor shall also compile his own practical completion list, a copy of which must be available to the Principal Agent prior to the Contractor giving notice to the Principal Agent to inspect the works.				
	F: V: T:				
	Works Completion (Clause 25.0)	Item	1		
	F: V: T:				
	Final Completion (Clause 26.0)	Item	1		
	F: V: T:				
	Latent defects liability period (Clause 27.0)	Item	1		
	F: V: T:				
	Sectional completion (Clause 28.0)	Item	1		
	F: V: T:				
	Revision of date for practical completion (Clause 29.0)	Item	1		
	(1)□Clause 29.0 is amended by:				
	"29.9 Revision to the date for practical completion shall only be considered when work on the critical path of the agreed programme for the works is delayed".				
	(2)29.10 ACCELERATION				
	29.10.1lrespective of whether or not the Principal Agent rules that the Contractor is entitled to an extension of time or a revision of the date for practical completion, the Principal Agent shall nevertheless, at any time, be entitled to instruct the Contractor, in writing, to accelerate the progress of the remaining works, to ensure that the works are completed by the original date for practical completion or revised date as the case may be.				
	Carried to Collection				
	Bill No. 1 Preliminaries				

			Amount
29.10.2Upon receipt of such instruction, the contractor shall take necessary steps to ensure that the works are completed timeously, including the provision by him of additional resources, plant, manpower, etc. and the working overtime or additional overtime beyond that contemplated at the time of tender (at all times adhering to the regulations and requirements of all authorities) and by all other adequate and proper means and methods. The Contractor shall prove that such steps are being taken if called upon to do so.			
29.10.3The Contractor's entitlement to compensation arising out of or in respect of any revision to the date for practical completion that may have been granted by the Principal Agent, or alternatively, where the Principal Agent has instructed the Contractor to accelerate, shall be adjudicated strictly in terms of Clause B10.3 hereof. The Contractor shall not be entitled to any compensation of any nature whatsoever, other than that provided for in terms of Clause B10.3.			
(3)29.11.1 The removal and replacement of material and/or workmanship that does not conform with specification or drawings shall not constitute ground for an extension of the construction period nor for an adjustment to the contract sum.			
F: V: T:			
Penalty for non-completion (Clause 30.0)	Item	1	
F: V: T:			
PAYMENT			
Interim payment to the contractor (Clause 31.0)	Item	1	
Materials and goods off site in terms of Clause 31.6.5 will not be included in the amount authorized for payment.			
Clause 31.9: The period of payment by the employer to the contractor of the payment certificate shall be deemed to be amended from seven (7) to twenty one(21) calendar days from receipt of contractors Tax invoice.			
Clause 31.10: The employer shall not pay compensatory interest on any amounts certified after practical completion.			
F: V: T:			
Adjustments to the contract value (Clause 32.0)	Item	1	
Where prices are submitted by the Contractor or Nominated/Selected Subcontractor during the progress of the works in respect of contract instructions or in regard to a claim under the terms of the contract and notwithstanding the fact that such prices may be used in an interim payment certificate, there is to be no presumption of acceptance. Should the Principal Agent wish to accept any such prices prior to the issue of the Final Certificate, it will be in writing.			
This is a fixed price contract and no adjustment to the contract value due to inflationary cost or other increases will be made			
F: V: T:			
Recovery of expense and loss (Clause 33.0)	Item	1	
F: V: T:			
Final account and final payment (Clause 34.0)	Item	1	
The Employer shall not pay any interest on amounts payable to the contractor for a hundred and twenty days (120) after the date of issue of the certificate of practical completion.			
Carried to Collection			

	Description	Unit	Qty	Rate	Amount
1	The first sentence of Clause 34.10 shall be amended as follows:				
F	The Employer shall pay the Contractor the amount certified for payment in the Final Payment Certificate within twenty one (21) calendar days of the date of sue of the Final Payment Certificate.				
F	-: V: T:				
F	Payment to other parties (Clause 35.0)	Item	1		
F	-: V: T:				
(CANCELLATION				
C	Cancellation by employer - Contractor's default (Clause 36.0)	Item	1		
	Clause 36.3 is amended by the deletion of the words "ten (10) working days" and he substitution with the words "five (5) working days"				
F	-:V:				
C	Cancellation by employer - Loss and damage (Clause 37.0)	Item	1		
F	-:V:				
C	Cancellation by contractor - employer's default (Clause 38.0)	Item	1		
F	-:V:				
(Cancellation - cessation of the works (Clause 39.0)	Item	1		
F	F: V: T:				
[Dispute settlement (Clause 40.0)	Item	1		
F	T:T				
9)	SUBSTITUTE PROVISIONS				
5	State clauses (Clause 41.0)	Item	1		
F	:				
F	PRE-TENDER INFORMATION				
1	he schedule (Clause 42.0)	Item	1		
F					
	nformation necessary for completion of those clauses contained in the schedule which are necessary for tender purposes is given hereunder				
C	CONTRACTING AND OTHER PARTIES				
E	Employer:				
	el No: Fax No:				
F	Project Manager:				
ı	el No:				
F	ax No:				
E	Carried to Collection Bill No. 1				
	Preliminaries				

	Description	Unit	Qty	Rate	Amount
	Architect:				
	Tel No: Fax No:				
	Electrical Engineer:				
	Tel No:				
	Fax No:				
	Quantity Surveyor:				
	Tel No:				
	Fax No:				
	Civil Engineer:				
	Tel No:				
	Fax No:				
	CONTRACT DETAILS				
	Works description:				
ľ	The work comprises				
	Site description:				
	The sites for the works is:				
ľ	Work or installations by direct contractors: N/A				
	This agreement is for a government contract: N/A				
	Date on which possession of the site is intended to be given				
	□ Period for the commencement of the works after the contractor takes possession of the site: One (1) working day				
	For the works as a whole :				
	Date for practical completion				
	Penalties per calendar day: R 4 000.00				
	For the works in sections:				
	Date of practical completion and the penalty per calendar day for:				
	Date: N/A				
	Penalty: N/A				
ŀ	The law applicable to this agreement: Republic of South Africa				
	INSURANCES				
	The Contractor shall be liable for the First Amount payable (deductible) in respect of each claim in terms of all policies affected by either the Contractor or Employer.				
	Contract works insurance effected by: Contractor				
	Carried to Collection				
	Bill No. 1				
1	Preliminaries				

Item	Description	Unit	Qty	Rate	Amount
	Eor the amount of: The contract sum plus 30%				
	With a deductible of: To be advised				
	Supplementary insurance required: Employer				
	Eor the amount: To be advised				
	With a deductible of: To be advised				
	Public liability insurance to be effected by: Contractor				
	Eor the amount of: R 3 000 000.00				
	With a deductible of: To be determined by the Contractor				
	Support insurance - N/A				
	DOCUMENTS				
	Waiver of the contractor's lien is required: Yes				
	The contractor's lien is hereby waived. The contractor's right in terms of clause 3.2 to receive a payment guarantee from the Employer in terms of clause 3.1 is also waived				
	Construction document copies to be supplied to the contractor free of charge:				
	Bills of Quantities: Two copies and Drawings: Four sets				
	Bills of quantities/schedule of rates drawn up in accordance with a system other than the Standard System of Measuring Building Work:				
	Building works is drawn up in accordance with the Standard System of Measuring Building work (Sixth Edition).				
	Priced Bills of Quantities to be submitted with tender : Yes				
	JBCC Engineering General Conditions are to be included in the contract documents: Yes				
	The contract value is to be adjusted using CPAP indices: No				
	This is a fixed price contract and no adjustment due to inflationary cost increase will be entertained				
	Details of changes made to the provisions of JBCC standard documentation:				
	1l.Clause 3.2: No payment guarantee provided by the Employ				
	2.Clause 31.6.5:Material off site will not be included in payment certificates.				
	3.Clause 31.9: Payment by Employer will be within 21 calendar days				
	4.The Employer shall not pay compensatory interen terms of Clause 31.10				
	5.Clause 34.0: Amplification of payment interest amounts.				
	POST TENDER INFORMATION				
	The latest day of the month for the issue of an interim payment certificate:				
	2nd day □				
	Payment of preliminaries: To be selected by Contractor (A or B) □				
	Carried to Collection Bill No. 1 Preliminaries				

Ì	Description	Unit	Qty	Rate	Amou
	Adjustment of preliminaries: To be selected by Contractor (A or B)				
	The Employer will not effect a payment guarantee				
	Securities to be provided: To be selected by contractor				
	Annual building holiday period: To be advised				
	SECTION B : PRELIMINARIES				
	Definitions and interpretation (Clause 1.0)	Item	1		
	F: V: T:				
	Documents				
	Checking of documents (Clause 2.1)	Item	1		
	Drawings indicating the scope of work is issued with this bill of quantities. A complete set of drawings is available at the offices of the Principal Agent. The tenderer shall scrutinise these drawings to ensure that all aspects of the works, requirements, scope and programming are included in the tender sum				
	F: V: T:				
	Provisional bills of quantities (Clause 2.2)	Item	1		
ŀ	These Bills of Quantities shall not be used for ordering purposes				
	F: V: T:				
ŀ	Availability of construction documentation (Clause 2.3)	Item	1		
	F: V: T:				
	Interest of agents (Clause 2.4)	Item	1		
	F: V: T:				
	Priced documents (Clause 2.5)	Item	1		
	F: V: T:				
	Tender submission (Clause 2.6)	Item	1		
	F: V: T:				
ŀ	The site				
	Defined works area (Clause 3.1)	Item	1		
	The area of the works to be occupied by the contractor for site establishment, material deliveries, etc. will be pointed out at the site inspection.				
	F: V: T:				
	Geotechnical investigation (Clause 3.2)	Item	1		
	F: V: T:				
	Inspection of the site (Clause 3.3)	Item	1		
	No claims for extras arising from the contractor having failed to comply with this clause will be entertained				
	Openited to College Page				
	Carried to Collection Bill No. 1 Preliminaries				

	Description	Unit	Qty	Rate	Amoun
Refer to	compulsory site inspection in Notes to Tenderers				
F:	V:T:				
Existing	premises occupied (Clause 3.4)	Item	1		
public.	all be taken to allow full access on the site for surrounding tenants and The contractor shall ensure adequate functioning of the building services occupied areas at all times				
Change Agent	over procedures for building services shall be agreed with the Principal				
F:	V:T:				
Previou	s work - dimensional accuracy (Clause 3.5)	Item	1		
F:	V: T:				
Previou	s work - defects (Clause 3.6)	Item	1		
F:	V: T:				
Service	s - known (Clause 3.7)	Item	1		
F:	V: T:				
Service	s - Unknown (Clause 3.8)	Item	1		
F:	V: T:				
Protecti	ion of trees (Clause 3.9)	Item	1		
F:	V: T:				
Articles	of value (Clause 3.10)	Item	1		
F:	V: T:				
Inspecti	ion of adjoining properties (Clause 3.11)	Item	1		
F:	V:				
Manage	ement of contract				
Manage	ement of the works (Clause 4.1)	CONT	1		
Clause 4	4.1 shall be deemed to be amended by the addition of the following:				
services Agent su	tractor shall, to the satisfaction of the Principal Agent, provide the of an experienced and competent Construction Manager and Site upported by a management team who shall, inter alia be responsible for ties of the contractor and all subcontractors and in particular:				
(a)Progr (b)Scheo (c)Repor (d)Produ	duling				
(e)Procu (f)Liaiso (g)Comr	urement and expediting n and co-ordinating of construction missioning, instruction, handover and follow up oring and reporting on building activities taking place on site				
Bill No.	Carried to Collection				
Prelimin					

Item	Description	Unit	Qty	Rate	Amount
	The names and CV's of the contractor's site management team shall be submitted to the principal agent prior to commencement on site and, after the principal agent's agreement on the composition thereof has been obtained, no changes shall be made nor shall any member of the said team be removed from the site while remaining in the employ of the contractor without the principal agent's express written approval				
	F: V: T:	Item	1		
	Programme for the works (Clause 4.2)	CONT	1		
	Clause 4.2 shall be deemed to be amended by the addition of the following:				
	The program shall be prepared by the contractor prior to commencement of construction and shall be presented in the form of a network in accordance with the procedures generally referred to as programme evaluation review techniques (PERT) or critical path method (CPM) in precedent format. The network shall be analysed and shall include as a minimum, graphic representations (bar chart and network) indicating all significant activities and critical paths, milestones and events involved in the construction of the project.				
	The network analysis, as described, shall be agreed with the principal agent and no subsequent changes are to be made without his prior written approval				
	The contractor shall incorporate into his network analysis the work being performed by all sub-contractors, selected, nominated or otherwise, so that all work involved is shown in the network analysis for the complete project				
	The network graphic representation must clearly depict the sequence of the activities planned by the contractor, their interdependence and time required to perform each activity. In developing the project network, the contractor shall use arrow or precedence notation.				
	Activities shown on the network shall consist not only of the actual construction operations, but shall also include the submission of shop drawings and samples and approvals therefor, procurements of materials and equipment, fabrication and delivery of materials, installation and testing of major and critical items, contiguous or related work under sub-contracts or under other contracts and all other items pertinent to the work. Related activities shall be grouped on the network for simplification. The selection of all activities shall be subject to approval by the principal agent.				
	The contractor shall submit a separate schedule of information regarding selected sub-contractors indicating dates of information required and dates of sub-contractors required on site.	CONT	1		
	The contractor shall furnish, with the initial network analysis, a tabular listing of all activities listed on the network analysis. For each activity there shall be listed the earliest and latest start and finish times and the float. Activities on the critical path shall be so indicated.				
	Only the latest drawings available shall be used by the contractor as a basis for drawing up the network and not the quantities contained in these Bills of Quantities.				
	Programme Updates:				
	During the progress of the work, the contractor shall agree progress on a two weekly basis with the principal agent and update the network accordingly for reporting and monitoring purposes. Items on the critical path shall be clearly identified				
	Carried to Collection Bill No. 1 Preliminaries				

	Description	Unit	Qty	Rate	Amou
tl e	n addition to the tabular report, the contractor shall provide a narrative report on the construction progress and shall particularly note unusual conditions encountered that may have delayed progress of the work. In the event of such lelays, he shall describe actions proposed to overcome adverse conditions to maintain the planned schedule completion dates.				
\	/ariations/Amendments:				
tl	The contractor shall throughout the progress of the contract amend and update the network to incorporate all variations, new drawings and site instructions and all such amendments are subject to the principal agent's approval.				
e	The contractor shall not amend the completion dates of the project unless extensions of time have been granted by the principal agent in terms of Clause 19.0 of the agreement				
۷	Vork behind program:	Item	1		
n ii tl c	in the opinion of the principal agent, the contractor, through causes under his control, falls behind programme, the contractor shall take such steps as may be necessary to improve his progress. The principal agent may require him to norease the number of shifts and/or overtime operations, days of work and/or he amount of construction plant, all without additional cost to the Employer. The contractor shall submit for the approval of the principal agent, a revised network in the form required above in order to demonstrate the manner in which the agreed rate of progress shall be registered.				
	Float indicated on the contract programme shall be shared by the contractor and Employer on a 50:50 basis				
F	F: V: T:				
F	Progress meetings (Clause 4.3)	Item	1		
tl	The contractor shall provide the principal agent at the progress meetings, with all the available information in report form concerning the condition and progress of his sub-contractor's work				
fe	The principal agent's progress meetings shall be held as notified and based on ormal agenda established by the principal agent. These meetings shall be attended by all agents and by at least the contractor's contract manager and his ite agent as directed, and will be chaired and minuted by the principal agent.				
Т	he principal agent shall issue a schedule of progress meetings.				
	The Employer's Representative/internal project leader may attend progress neetings.				
n	The contractor shall submit a summarised progress report at the progress neetings covering all aspects of the work, including a statement of his assessment of the work progress, any delays, labour complement and construction plant and equipment				
F	-:T:				
T	echnical meetings (Clause 4.4)				
n c r	The contractor shall convene, under his chairmanship, regular meetings with cominated, selected and other sub-contractors for the purpose of establishing co-ordination and progress of the works and all other matters, queries, etc., elating to their individual sub-contracts and schedule in order to allow the contractor to report at the progress meetings	Item	1		
F	F: V: T:				
E	Carried to Collection				
F	Preliminaries				

า	Description	Unit	Qty	Rate	Amount
	Labour and plant records (Clause 4.5)	Item	1		
	F: V: T:				
	Samples, shop drawings and manufacturer's instructions				
	Samples of materials (Clause 5.1)	Item	1		
	F: V: T:				
	Workmanship samples (Clause 5.2)	Item	1		
	F: V: T:				
	Shop drawings (Clause 5.3)	Item	1		
	F: V: T:				
	Compliance with manufacturers instructions (Clause 5.4)	Item	1		
	F: V: V: T:				
	Temporary works and plant				
	Deposits and fees (Clause 6.1)	Item	1		
	F: V: V: T:				
	Enclosure of the works (Clause 6.2)	Item	1		
	F: V: V: T:				
	Advertising (Clause 6.3)	Item	1		
	F: V: V: T:				
	Plant, equipment, sheds and offices (Clause 6.4)	Item	1		
	F: V: T:				
	Main noticeboard (Clause 6.5)	Item	1		
	F: V: T:				
	Subcontractors noticeboard (Clause 6.6)	Item	1		
	F: V: T:				
	Temporary services				
	Location (Clause 7.1)	Item	1		
	F: V: T:				
	Water (Clause 7.2)	Item	1		
	Alternative B will apply: Free of charge but contractor to install a meter for monitoring purposes				
	F: V: T:				
	Electricity (Clause 7.3)	Item	1		
	Alternative B will apply: Free of charge but contractor to install a meter for monitoring purposes				
	F:T:				
	Carried to Collection				
	Bill No. 1 Preliminaries				

Description	Unit	Qty	Rate	Amount
Telecommunication facilities (Clause 7.4)	Item	1		
Alternative A: Contractor to supply a telephone				
F: V: T:				
Ablution facilities (Clause 7.5)	Item	1		
Alternative A: Contractor to provide				
F: V: T:				
Prime cost amounts				
Responsibility for prime cost amounts (Clause 8.1)	Item	1		
F: V: T:				
Attendance on N/S subcontractors				
General attendance (Clause 9.1)	Item	1		
F: V: T:				
Special attendance (Clause 9.2)	Item	1		
F: V: T:				
Commissioning -fuel, water and electricity (Clause 9.3)	Item	1		
F: V: T:				
Financial aspects				
Statutory taxes duties and levies (Clause 10.1)	Item	1		
Rates for quantities shall exclude VAT as provision is made in the summary of these Bills for VAT				
F: V: T:				
Payment of preliminaries (Clause 10.2)	Item	1		
F: V: T:				
Adjustment of preliminaries (Clause 10.3)	Item	1		
F: V: T:				
Payment certificate cash flow (Clause 10.4)	Item	1		
F: V: T:				
General				
Protection of the works (Clause 11.1)	Item	1		
The contractor shall ensure that dust be contained to the absolute minimum - this will be strictly monitored.				
The contractor shall provide for the protection of all work for which a certificate of practical completion has not been issued.				
The contractor shall be responsible for any damage which may occur and shall make good at his own expense				
F: V: T:				
Carried to Collection				
Bill No. 1 Preliminaries				

Description	Unit	Qty	Rate	Amount
Protection/isolation of existing/sectionally occupied works (Clause 11.2)	Item	1		
F: V: T:				
Security of the works(Clause 11.3)	Item	1		
All workmen shall be clearly identifiable at all times as authorized construction workers and non-compliance will result in a person being evicted from site.				
Workers will be restricted to the immediate vicinity of building operations				
Refer also to Notes to Tenderers				
F: V: T:				
Notice before covering work (Clause 11.4)	Item	1		
F:T:				
Disturbance (Clause 11.5)	Item	1		
To least interfere with the occupants of the buildings, connections to services whave to be done after hours and over weekends and Tenders shall allow for this in their tenders				
F: V: T:				
Environmental disturbance (Clause 11.6)	Item	1		
F: V: T:				
Works cleaning and clearing (Clause 11.7)	Item	1		
F:T:T:				
Vermin (Clause 11.8)	Item	1		
F:T:T:				
Overhand work (Clause 11.9)	Item	1		
F:T:T:				
Instruction manuals and guarantees (Clause 11.10)	Item	1		
F:T:				
As built information (Clause 11.11)	Item	1		
F: V: T:				
Tenant installations (Clause 11.12)	Item	1		
F:T:T:				
SCHEDULE OF VARIABLES				
The schedule (Clause 12.0)	Item	1		
F: V: T:				
Carried to Collection	on			
Bill No. 1 Preliminaries				

Item	Description	Unit	Qty	Rate	Amount
	12.1 PRE-TENDER INFORMATION				
	12.1.1⊡Provisional Bills of Quantities (2.2):				
	The quantities are provisional: Yes				
	12.1.2⊡Availability of construction documentation (2.3):				
	Construction documentation is complete: No				
	12.1.3 Interest of agents (2.4): No interest				
	12.1.4⊡Defined work area (3.1):				
	The area of the works to be occupied by the contractor, any restriction to the area and the limit of access or exit will be pointed out to the contractor by the principal agent at the compulsory site inspection				
	12.1.5⊑Geotechnical Investigation (3.2): No				
	12.1.6 Existing premises occupied (3.4): Yes				
	12.1.7⊡Previous work - dimensional accuracy (3.5): All measurements to be taken from the existing buildings.				
	12.1.8□ Previous work defects (3.6): Yes				
	12.1.9 Services - known (3.7): Yes				
	12.1.10□Protection of trees (3.9): Yes				
	12.1.11 ☐Inspection of adjoining properties (3.11): N/A				
	12.1.12 Enclosure of the works (6.2):				
	12.1.13⊑Offices (6.4.3): Offices to be suitable for meeting with at least 12 persons in attendance				
	12.1.14 Main noticeboard (6.5): Yes				
	12.1.15 Subcontractor's noticeboard (6.6): Yes				
	12.1.16 Water (7.2):				
	Option B (by employer - free of charge but the contractor to install a meter for monitoring purposes): Yes				
	12.1.17 Electricity (7.3):				
	Option B (by employer - free of charge but the contractor to install a meter for monitoring purposes): Yes				
	12.1.18⊡elecommunications (7.4):				
	Option A (by contractor): Yes				
	12.1.19⊡Ablution facilities (7.5):				
	Option A (by contractor): Yes				
	12.1.20⊡Protection of existing/sectionally occupied works (11.2): Yes				
	12.1.21⊡Special attendance (9.2): No				
	12.1.22 Protection of the works (11.1): No specific requirements				
	12.1.23⊡Disturbance (11.5): Refer to clause 11.5				
	Carried to Collection Bill No. 1 Preliminaries				

١	Description	Unit	Qty	Rate	Amour
	12.1.23 Environmental disturbance (11.6): No specific requirements				
	12.2 POST TENDER INFORMATION				
	12.2.1□Payment of preliminaries:				
	Option A (prorated): To be selected by contractor				
	Option B (calculated): To be selected by contractor				
	12.2.2□Adjustment of preliminaries:				
	Option A (three categories): To be selected by contractor				
	Option B (detailed breakdown): To be selected by contractor				
:	SECTION C - SPECIFIC PRELIMINARIES				
	Proprietary branded products	Item	1		
	The contractor shall take delivery of, handle, store, use, apply and/or fix all proprietary branded products in strict accordance with the manufacturer's instructions after consultation with the manufacturer's authorized representative				
	As built drawings	Item	1		
i	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				
1	Contract Instructions	Item	1		
	Contract instructions issued on site are to be recorded in triplicate in a contract instruction book which is to be supplied and maintained on site by the contractor				
	Labour Records	Item	1		
1	At the end of each week the contractor shall provide the principal agent with a written record, in schedule form, reflecting the number and descriptions of tradesmen and labourers employed by him and all sub-contractors on the works of each day of that week. Content and format of such reports shall be to the approval of the principal agent				
	Plant Record	Item	1		
	At the end of each week the contractor shall provide the principal agent with a written record, in schedule form, reflecting the number, type and capacity of all plant, excluding hand tools used on the works each day of that week. These records to include plant of sub-contractors. Content and format of such reports shall be to the approval of the principal agent				
	Overtime	Item	1		
:	Should overtime be required to be worked for any reason whatsoever, the cost of such overtime are to be borne by the contractor unless the principal agent has specifically authorized, in writing, prior to execution thereof, that costs for such overtime are to be borne by the employer				
	Carried to Collection				
	Bill No. 1 Preliminaries				

Item	Description	Unit	Qty	Rate	Amount
	Co-operation of contractor for cost management	Item	1		
	It is specifically agreed that the contractor accepts the obligation of assisting the professional consultants 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 quantity surveyor undertakes to make available to the contractor all budgetary allowances and cost assessments/reports to enable the proper procedures to be implemented and the contractor will attend all cost plan review and cost management meetings. The contractor undertakes to extend these procedures in regard to all sub-contractors				
	GENERAL PREAMBLES				
	The document "Specification of Materials and Methods to be used (PW371)" is obtainable on the Department's website (http://www.publicworks.gov.za/ under "Consultants Guidelines"), and shall be read in conjunction with the bills of quantities / lump sum document and be referred to for the full descriptions of work to be done and materials to be used				
	F: V: T:	Item	1		
	TRADE NAMES				
	Wherever a trade name for any product has been described in the bills of quantities / lump sum document, 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 If prior written approval for an alternative product is not obtained, the product described shall be deemed to have been tendered for				
	F: V: T:	Item	1		
	IMPORTED MATERIALS AND EQUIPMENT Where imported items are listed in the tender documents, the tenderer shall provide all the information called for, failing which the price of any such item, materials or equipment shall be excluded from currency fluctuations. (refer to Schedule of Imported Materials and Equipment DPW-23(EC) to be completed by tenderer) Notwithstanding any provisions elsewhere regarding the adjustment of contract prices, the price of any item, material or equipment listed in terms of this clause shall be excluded from the Contract Price Adjustment Provisions (if applicable)				
	F: V: T:	Item	1		
	HIV/AIDS AWARENESS It is required of the contractor to thoroughly study the HIV/AIDS Specification (PW 1544) of the Department that must be read together with and is deemed to be incorporated under this Section of the bills of quantities / lump sum document. 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 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 31.0 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 F:	Item	1		
	Carried to Collection				
	Bill No. 1 Preliminaries				

AWARENESS CHAMPION Selection, appointment, briefing and making available of an Awareness Chempon including provision of all relevant services, all in accordance with the HIV/AIDS Specification F: V: T: Item 1 AWARENESS WORKSHOPS Selection and appointment of a competent Service Provider approved by the principal agent, provision of all Service Provider Workshop Plan and a suitable variate, conducting of avairaness workshops by means of traditional and/or the HIV/AIDS Specification F: T: Item 1 POSTERS, BOOKLETS, VIDEOS, ETC 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 F: T: T: Item 1 ACCESS TO CONDOMS Provision and maintenance of condom dispensers fixed in position, including male and female condoms, replenishing male and female condoms on a daily basis as required for the duration of the construction period, all in accordance with the HIV/AIDS Specification F: V: T: Item 1 MONITORING Monitoring HIV/AIDS awareness of workers, providing the principal agent with access to information including making awailable 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 F: V: T: Item 1 COVID-19 Compliance The contractor is to ensure the site is compliant with the COVID-19 protocols as agaeted and provided for with regards to the OHS specification Item 1 Item 1	י	Description	Unit	Qty	Rate	Amount
Champion including provision of all relevant services, all in accordance with the HIV/AIDS Specification F		AWARENESS CHAMPION				
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 tuttion material and performing assessment procedures, all in accordance with the HIV/AIDS Specification F:		Champion including provision of all relevant services, all in accordance with the				
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 F		F: V: T:	Item	1		
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 tuttion material and performing assessment procedures, all in accordance with the HIV/AIDS Specification F:		AWARENESS WORKSHOPS				
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 F:		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				
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 F:		F: V: T:	Item	1		
laminated posters, booklets and educational videos, etc. for the duration of the construction period, all in accordance with the HIV/AIDS Specification F:		POSTERS, BOOKLETS, VIDEOS, ETC				
ACCESS TO CONDOMS Provision and maintenance of condom dispensers fixed in position, including male and female condoms, replenishing male and female condoms on a daily basis as required for the duration of the construction period, all in accordance with the HIV/AIDS Specification F:	l	laminated posters, booklets and educational videos, etc. for the duration of the	Item	1		
Provision and maintenance of condom dispensers fixed in position, including male and female condoms, replenishing male and female condoms on a daily basis as required for the duration of the construction period, all in accordance with the HIV/AIDS Specification F:	I	F:T:	Item	1		
male and female condoms, replenishing male and female condoms on a daily basis as required for the duration of the construction period, all in accordance with the HIV/AIDS Specification F:		ACCESS TO CONDOMS				
MONITORING 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 F:		male and female condoms, replenishing male and female condoms on a daily basis as required for the duration of the construction period, all in accordance				
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 F:		F: V: T:	Item	1		
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 F:		MONITORING				
COVID-19 Compliance The contractor is to ensure the site is compliant with the COVID-19 protocols as gazetted and provided for with regards to the OHS specification Infra-red scanner Cloth Masks (at least 3 per person) Dust Mask FFP2 Item 1 Hand sanitizer Awareness and Warning Signage Item 1 Hand washing station Carried to Collection Bill No. 1		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				
The contractor is to ensure the site is compliant with the COVID-19 protocols as gazetted and provided for with regards to the OHS specification Infra-red scanner Cloth Masks (at least 3 per person) Dust Mask FFP2 Item 1 Hand sanitizer Awareness and Warning Signage Item 1 Hand washing station Carried to Collection Bill No. 1		F:T:	Item	1		
protocols as gazetted and provided for with regards to the OHS specification Infra-red scanner Item 1 Cloth Masks (at least 3 per person) Dust Mask FFP2 Hand sanitizer Hand sanitizer Hand washing Signage Item 1 Hand washing station Carried to Collection Bill No. 1		COVID-19 Compliance				
Cloth Masks (at least 3 per person) Dust Mask FFP2 Hand sanitizer Awareness and Warning Signage Hand washing station Carried to Collection Bill No. 1	l	protocols as gazetted and provided for with regards to the OHS				
Dust Mask FFP2 Hand sanitizer Awareness and Warning Signage Hand washing station Carried to Collection Bill No. 1	ш		_			
Awareness and Warning Signage Hand washing station Carried to Collection Bill No. 1			_	-		
Hand washing station Item 1 Carried to Collection Bill No. 1	- 1		_			
Bill No. 1						
Bill No. 1						
Bill No. 1						
	- 1	Bill No. 1				

Description	Unit	Qty	Rate	Amount
OCCUPATIONAL HEALTH AND SAFETY				
The contractor shall comply with all the requirements set out in the Construction Regulations, 2003 issued under the Occupational Health and Safety Act, 1993 (Act No 85 of 1993) It is required of the contractor to thoroughly study the Heal 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. The contractor must take note that compliance with the Occupational Health ard 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. Provision for pricing of the Occupational Health and Safety Act, Construction Regulations and Health and Safety Specification is made under this clause and it is explicitly pointed out the all requirements of the aforementioned are deemed to be priced hereunder and no additional claims in this regard shall be entertained.	lth ad			
F: V: T:	Item	1		
NOTIFICATION OF CONSTRUCTION WORK (Construction Regulation 3) The Contractor shall, before commencing work, notify the Department of Labour of the intended construction work in terms of Regulation 3. The Contractor shall submit the notification in writing, on the appropriate form, prior to commencement of work				
F: V: T:	Item	1		
HEALTH AND SAFETY PLAN				
(Construction Regulation 5.4) The Contractor shall provide and demonstrate to the Principal Agent a suitable and sufficiently documented health and safety plabased on the Act, Construction Regulations and the health and safety specification, which shall be applied from the date of commencement of and fo the duration of the construction work. The Contractor shall ensure that a copy the health and safety plan is available on request to an employee, inspector, su contractor or principal agent all in terms of Regulation 5	r of			
F: V: T:	Item	1		
REGISTRATION WITH COMPENSATION FUND				
(Construction Regulation 5.3 f) The Contractor shall provide proof of his registration and good standing with the Compensation Fund or a licensed compensation insurer prior to the commencement of work				
F: V: T:	Item	1		
HEALTH AND SAFETY FILE				
(Construction Regulation 5.7) The Contractor shall ensure that a health and safety file, which shall include all documentation required in terms of the health and safety specification, the Act and the Construction Regulations, is opened and kept on site and made available to the Principal Agent or Inspector upon request. Upon completion of the works, the Contractor shall hand over a consolidated health and safety file to the principal agent				
F: V: T:	Item	1		
	1	1		
Carried to Collecti	on			

	Description	Unit	Qty	Rate	Amount
S	SUPERVISION OF CONSTRUCTION WORK (SAFETY OFFICER)				
ti c a ti	Construction Regulation 6) The Contractor shall appoint a full-time competent employee in writing as the construction supervisor, with the duty of supervising the construction work. The Contractor shall appoint a full-time or part-time construction safety officer in writing to assist in the control of all safety related aspects on the site. Such appointments are required to ensure that at all times the requirements of the Act and Construction Regulations are adhered to. Refer to Regulation 6				
F	F: V: T:	Item	1		
F	RISK ASSESSMENT AND SAFETY POLICY				
v c T c p p c	(Construction Regulation 7) Before commencing work the Contractor shall cause a risk assessment to be performed by a competent person appointed in writing and the risk assessment shall form part of the health and safety plan. A copy of the risk assessment shall be available on site at all times for inspection. The Contractor shall at all time carry out the works in a manner to avoid the risk of bodily harm to persons or risk of damage to any property. He shall take all percautions regarding training of employees in any hazards and the related work procedures, health and safety induction training of employees, visitors or any other persons entering the site and provide personal protective equipment to all employees and visitors to site which are necessary and adequate to eliminate any conditions which contribute to the risk of injury to persons or damage to property in terms of Regulation 7				
F	F: V: T: T:	Item	1		
S	SIGNIFICANT HAZARD IDENTIFICATION RISK ASSESSMENT				
r	The contractor shall allow for additional financial provision, if any, to take the necessary precautions regarding the significant hazards and risks identified and assessed by the design consultants				
F	=: V: T:	Item	1		
T tl	ADDITIONAL FINANCIAL PROVISION The Contractor shall allow for additional financial provision, if any, to comply with the requirements of the Occupational Health and Safety Act (Act No 85 of 1993) and the Construction Regulations issued there under which have not been specifically elsewhere provided				
F	=: V: T:	Item	1		
F	FALL PROTECTION PLAN				
c	Construction Regulation 8) The contractor shall, before commencing any construction work submit a fall protection plan identified all steps to be taken in order to ensure the continued adherence to the fall protection plan and shall include a risk assessment of all work carried out from an relevant position. The all protection plan shall form part of the health and safety plan and file				
F	F: V: T: T:	Item	1		
F	PHYSICAL AND PSCHOLOGICAL FITNESS				
C	Construction Regulation 8.2(b)) The contractor and sub-contractors shall before commencing any construction work submit proof of his employees that shall carried out work from an elevated position their physical and psychological itness. And shall be recorded in the health and safety file				
F	F: V: T: T:	Item	1		
	Carried to Collection				
	Bill No. 1 Preliminaries				

Item	Description	Unit	Qty	Rate	Amount
	CONSTRUCTION VEHICLES AND MOBILE PLANT				
	(Construction Regulation 21) The contractor and sub-contractors shall ensure that all operated workers received training and been certified competent to operate such vehicle, and are physical and psychological fit to operate such construction vehicles and mobile plants. And shall be recorded in the health and safety file				
	F: V: T:	Item	1		
	TRAINING				
	(Construction Regulation 8 (c)) The contractor and sub-contractors shall, before commencing any construction work, submit his training program of all his employees. This program shall from part of the health and safety plan				
	F: V: T:	Item	1		
	DEMOLITION WORK				
	(Construction Regulation 12) The contractor shall, before any demolition work shall carried out, submit all method of demolition to be used. This method shall form part of the health and safety plan and file.				
	F: V: T:	Item	1		
	REMOVAL AND DISPOSAL OF ASBESTOS MATERIAL				
	(Asbestos Regulation) The principal contractor shall appoint a contractor that is registered with the Department of Labour as an AIA. The contractor must allow for; NOTIFICATION OF ASBESTOS PROCESSING PERSONAL PROTECTIVE EQUIPMENT PACKAGING AND TRANSPORT AND STORAGE TO DISPOSAL SITE DEMOLITION WORK OF SHEETS LABELLING AND INFORMATION				
	F: V: T:	Item	1		
	Category: Fixed Category: Value	Item Item	1		
	Category: Time	Item	1		
	Carried to Collection				
	Bill No. 1 Preliminaries				

Item	Description		Unit	Qty	Rate	Amount
	BILL NO. 1					
	PRELIMINARIES MAIN COLLECTION		Page			
	E	Brought forward	1			
			2			
			3			
			4			
			5			
			6			
			7			
			8			
			9			
			10			
			11			
			12			
			13			
			14			
			15			
			16			
			17			
			18			
			19			
			20			
			21			
			22			
			23			
	Carried to	Final Summary				
	Bill No. 1 Preliminaries					

Item	Description	Unit	Qty	Rate	Amount
	Bill No. 2				
2.1	DEMOLITIONS				
	ALL BLOCKS				
	REMOVAL OF ASBESTOS ROOF SHEETING				
	Tenderers are requested to inspect the works and check for themselves the site conditions which are likely to affect the progress of their work. No claims by the contractor will be considered by the Principal Agent afterwards				
	The contractor entrusted to carry out the works should be experienced in such demolition work involving the handling and removal of asbestos contaminated materials, and must be fully aware of the risks involved when working with asbestos. A brief description of works is to be submitted with the tender documents.				
	The contractor is responsible to provide the appropriate personal protective equipment and be proficient in the different work practices which are appropriate for such works. Monitoring of the atmosphere for possible contamination during the works is to be carried out in accordance with the Occupational Health and Safety Act 85 of 1993 and/or any other equivalent legislation.				
	A written authorization from the OHS Authority is to be obtained, setting out the conditions and procedures to be followed in the handling and removal of asbestos containing material				
	The contractor shall obtain from the competent authorities all permits, and licences required by law for the removal and disposal of asbestos containing material.				
	A copy of these permits to be handed to the Principal Agent prior to commencement of the works				
	The work procedure as approved by the OHS is to be made available to the Principal Agent. The contractor is to inform the relevant authorities and the Principal Agent if changes are to be made to this work procedure.				
	The contractor is to take full responsibility of the asbestos contaminated material once it has been removed from site. He will be responsible for the transportation to an approved dumping site.				
	The contractor is to submit to the Principal Agent a certificate showing that the asbestos has been disposed of.				
	On completion of the works the contractor should use appropriate cleaning methods to clean the site where work was carried out of any traces of dust or debris.				
	All fees paid in connection with the application for the works shall be borne by the contractor.				
	Allow for any cost not included in the price of the above items arising from the contractor's obligation to adhere to the conditions for the handling of asbestos				
	Carefully remove the existing Asbestos roof sheeting from roof trusses and/or rafters inclusive of the dismantling, repairing of the support framework, load and cartaway from site. (Rate to include for sealing off building).				
	Allow for cost and charges for the disposal of asbestos				
	Carried to Collection Bill No. 2 Demolitions				

Item	Description	Unit	Qty	Rate	Amount
	Allow for any costs for the cleaning of the site, including the roof structure from any traces of asbestos dust or debris.				
2.1.1	4 Classroom, 1 Principal's Office and Storeroom	m²	275		
2.1.2	2 Classroom and 1 School Hall	m^2	275		
2.1.3	1 Tuck Shop and 1 Store room	m ²	32		
2.1.4 2.1.5	1 Kitchen and 1 Storeroom Ablution Block 3 (2 Male)	m ² m ²	20 30		
2.1.6	Ablution Block 4 (4 Male)	m^2	30		
2.1.7	VIP Toilets (2 Seats)	m ²	30		
2.1.8	VIP Toilets (3 Teachers 1 Disabled)	m ²	30		
2.2	Demolish existing ablution facicilities including desludging, filling up holes and compaction of holes, make good and plant grass				
2.2.1 2.2.2	Toilet block overall size 6.796m long X 2.991m wide X 2.100m high Toilet block overall size 2.729m long X 1.571m wide X 2.100m high	Item Item	1 1		
2.3	Removal of perimeter fencing				
2.3.1	Completely remove existing wire mesh fencing and prepare surfaces to receive new	m	381		
	Carried to Collection				
	Bill No. 2				
I	Demolitions	I	l	I	II I

Item	Description	Unit	Qty	Rate	Amount
	Bill No. 2 Demolitions Main Collection Brought forward	Page 25 26			
	Carried to Summary Bill No. 2 Demolitions				

Item	Description	Unit	Qty	Rate	Amount
3	SECTION 3				
	BLOCK 1 : 4 CLASSROOMS, 1 PRINCIPAL OFFICE AND STORE ROOM				
3.1	ALTERATIONS				
	Repairs to cracked walls.				
3.1.1	One brick walls.	m^2	3		
	Breaking down and removing concrete, etc				
3.1.2	Surface bed approximately 80mm thick (verandas, external steps, etc) and prepare surface to receive new.	m ³	37		
3.1.3	Tank stand	m^3	9		
	REMOVAL OF EXISTING WORK				
	Taking out and removing doors, windows, etc from brickwork and making good surfaces to receive new				
3.1.4	Timber door 813 x 2032mm high	No	5		
	Taking out and removing joinery fittings etc and making good to surfaces to receive new.				
3.1.5 3.1.6	Fascia boards Barge boards.	m m	90 30		
3.1.7	Roof gutters	m	90		
3.1.8	Downpipes	m	12		
	Taking out and removing ironmongery				
3.1.9	Mortice lock and striking plate from timber door and steel frame	No	2		
3.1.10	Stays, latches, handles, etc from window steel frame	No	6		
	PREPARATORY WORK TO EXISTING SURFACES				
	Chipping of screed in floors to receive new screed. Cleaning internal walls to receive paint.	m^2 m^2	230 380		
	Cleaning external walls to receive paint.	m^2	234		
A.1.15 A.1.16	Hack off existing plaster and make good to receive new. Cleaning and removing broken glazing, putty and paint to window frames	m^2 m^2	614 48		
A.1.10	cleaning and removing broken glazing, putty and paint to window frames	m	40		
	Carried to Collection				
	SECTION 3 Block 1: 4 Classrooms, 1 Principal's Office and Store Room: 3-1 Alterations				
I	Proof. 1 Glassicoms, 11 intolpars Office and Stole Noom. 3-1 Alterations		1	i l	II I

Item	Description	Unit	Qty	Rate	Amount
	SECTION 3				
	Block 1: 4 Classrooms, 1 Principal's Office and Store Room: 3-1 Alterations				
	Main Collection	Page			
	Brought forward	28			
	Carried to Summary				
	SECTION 3 Block 1: 4 Classrooms, 1 Principal's Office and Store Room: 3-1 Alterations				

Item	Description	Unit	Qty	Rate	Amount
	NEW WORKS				
3.2	EARTHWORKS				
	EXCAVATIONS				
	Excavation in earth not exceeding 2m deep				
3.2.1	Open face excavation to expose foundations for inspection and underpinning	m^3	44		
	Extra over trench and hole excavations in earth for excavation in				
3.2.2	Soft rock	m^3	1		
3.2.3	Hard rock	m^3	1		
	Extra over all excavations for carting away				
3.2.4	Surplus material from excavations and/or stock piles on site to a dumping site to be located by the contractor	m ³	44		
3.2.5	Keeping excavations free of all water other than subterranean water	Item	1		
	Compaction of surfaces				
3.2.6	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 95% Mod AASHTO density	m^2	40		
3.2.7	Filling of 150mm Thick layers of G3 natural gravel, compacted to 95% MOD AASHTO density.	m ³	5		
	SOIL POISONING				
	Soil insecticide				
3.2.7	Soil Poisoning under floors etc, including forming and poisoning shallow furrows against foundation walls etc, filling in furrows and ramming	m²	40		
3.2.8	To bottoms and sides of trenches etc	m^2	20		
	Carried to Collection SECTION 3				
	Block 1: 4 Classrooms, 1 Principal's Office and Store Room: 3.2- Earthworks				

n	Description	Unit	Qty	Rate	Amount
SECTI	ON 3				
Earthy	1: 4 Classrooms, 1 Principal's Office and Store Room: 3.2- vorks Collection	Page			
inain (Brought forward	30			
0507	Carried to Summary				
SECTI	ON 3 I: 4 Classrooms, 1 Principal's Office and Store Room: 3.2- Earthworks				

Item	Description	Unit	Qty	Rate	Amount
3.3	CONCRETE, FORMWORK AND REINFORCEMENT				
	Reinforced Concrete				
	25Mpa/19mm concrete				
3.3.1	Concrete to V-drain cast in panels, laid to fall in 1:200, with control joints filled with polysulphide sealant, every 3000mm centres	m ³	2		
3.3.2	Verandah floor cast in panels of 1850 centres, with controlled joints every 7400 centres	m ³	50		
	TEST BLOCKS				
3.3.3	Making and testing of three 150 x 150 x 150mm concrete strength test cubes	No	12		
	CONCRETE SUNDRIES				
	Finishing top surfaces of concrete to a Class U2 wood float finish				
3.3.4	Surface beds, slabs, etc	m ²	56		
	Rough formwork to sides				
3.3.4	To sides n.e. 300mm	m ²	2		
	MOVEMENT JOINTS ETC				
	Expansion joints with softboard between vertical concrete surfaces				
3.3.5	15mm Joints not exceeding 300mm high or wide	m	132		
	Expansion joints with bitumen-impregnated softboard between vertical concrete and brickwork surfaces				
3.3.6	10mm Isolation Joints not exceeding 300mm high or wide	m	50		
	Saw cut joints				
3.3.7	50 x 3mm Saw cut joints in top of concrete	m	132		
	Fabric reinforcement				
3.3.8	Type 193 fabric reinforcement in concrete surface beds, slabs, etc.	m ²	56		
	Carried to Collection SECTION 3				
	Block 1: 4 Classrooms, 1 Principal's Office and Store Room: 3.3 - Concrete, Formwork and Reinforcement				

Item	Description	Unit	Qty	Rate	Amount
	SECTION 3 Block 1: 4 Classrooms, 1 Principal's Office and Store Room: 3.3 - Concrete, Formwork and Reinforcement				
	Main Collection	Page			
	Brought forward	32			
	Carried to Summary				
	SECTION 3 Block 1: 4 Classrooms, 1 Principal's Office and Store Room: 3.3 - Concrete,				
I	Formwork and Reinforcement				II I

Item	Description	Unit	Qty	Rate	Amount
3.4	MASONRY				
	SUBSTRUCTURE				
	Brickwork of NFP bricks in class II mortar including galvanised crimp wire wall ties (7 per m ² laid staggered)				
3.4.2	One brick walls	m^2	41		
	BRICKWORK SUNDRIES				
	Brick reinforcement				
3.4.3	150mm Wide reinforcement built in horizontally	m	132		
	SUPERSTRUCTURE				
	Brickwork of NFP bricks in class II mortar including galvanised crimp wire wall ties (7 per m ² laid staggered)				
3.4.4	Half brick walls in beamfilling	m ²	3		
	Galvanised hoop iron cramps, ties, etc				
3.4.5	30 x 1,6mm Cramp 500mm long with one end fixed to wood and other end built into brickwork	No	50		
	Carried to Collection				
	SECTION 3 Block 1: 4 Classrooms, 1 Principal's Office and Store Room: 3.4 - Masonry				

Item	Description	Unit	Qty	Rate	Amount
	SECTION 3				
	Block 1: 4 Classrooms, 1 Principal's Office and Store Room: 3.4 - Masonry				
	Main Collection	Page			
	Brought forward	34			
	Carried to Summary				
	SECTION 3 Block 1: 4 Classrooms, 1 Principal's Office and Store Room: 3.4 - Masonry				

Item	Description	Unit	Qty	Rate	Amount
3.5	ROOF COVERINGS ETC				
	ROOF SHEETING AND ACCESSORIES				
	Saflock 700 AZ150 G550 interlocking roof sheeting with Z275 to both sides, on sisalation, fixed to timber intermediate purlins (purlins as per manufacturer's spec, taking into account windloads) secured with saflok 700 clips screw fixed to purlins as per manufacturer's recommendations and specifications.				
3.5.1	Roof covering with 15 degree pitch, in transportable lengths not exceeding 20m. The description includes all related items.	m²	275		
3.5.2	AG 150 G550 ridge capping with broad flute closures to suit roof profile with prepainted factory finish.	m	35		
3.5.3	Narrow and broad flute closers	m	35		
3.5.4	Moulded narrow and broad rib polyethylene filler blocks	m	35		
	ROOF AND WALL INSULATION				
	Sisalation 420 or equal and approved heavy industrial grade aluminium foil based insulation				
3.5.5	Insulation laid taut over purlins (at approximately 1,80m centres) and fixed concurrent with roof covering, including taped laps and nylon straining wires	m ²	275		
	Carried to Collection				
	SECTION 3 Block 1: 4 Classrooms, 1 Principal's Office and Store Room: 3.5 - Roof Coverings				

Item	Description	Unit	Qty	Rate	Amount
	SECTION 3 Block 1: 4 Classrooms, 1 Principal's Office and Store Room: 3.5 - Roof				
	Coverings Main Collection	Page			
	Brought for	rward 36			
	Carried to Sum	mary			
	Block 1: 4 Classrooms, 1 Principal's Office and Store Room: 3.5 - Roof Coverings				

Item	Description	Unit	Qty	Rate	Amount
3.6	CARPENTRY AND JOINERY				
	Sawn softwood				
3.6.1	38 x 114mm Wall plates		82		
3.6.2	50 x 76mm Purlins exceeding 6.6 m in length, to manufacturer's specification		210		
	Sundries				
3.6.3	Two coats ABE Provinite on wrought timbers	m^2	105		
3.6.4	Teco two way hurricane clips secured to purlins and trusses at every intersection externally and internally galvanised wire is to be used	No	176		
	PREFABRICATED TIMBER ROOF TRUSSES, ETC				
3.6.5	Double pitched prefabricated plate nailed roof truss spanning approximately 6.949m and 1689mm high, truss to be hoisted and fixed as per manufacture's details. The description includes all related items	No	36		
	EAVES, VERGES, ETC				
	Everite medium density plain nutec-cement				
3.6.6	12 x 225mm Medium density fibre-cement fascia boards (Product No.041-202) with aluminium H-profile fascia joiners (Product No. 685-195), drill for and fix with hot-dip galvanised drive screws and washers	m	76		
3.6.7	80 x 200mm Socketless barge boards (Product No.721-800) with aluminium H-profile barge board joiners (Product No. 685-187), drill for and fix with hot-dip galvanised screws and washers	m	9		
	SKIRTINGS				
	Wrought meranti				
3.6.8	19 x 75mm Skirtings including 19mm quadrant bead plugged	m	108		
	DOORS, ETC				
	Wrought meranti doors hung to steel frame, etc				
3.6.9	44mm Framed batten door 813 x 2032m high, as per Architect's Specification	No	5		
	Carried to Collection SECTION 3				
	Block 1: 4 Classrooms, 1 Principal's Office and Store Room: 3.6 - Carpentry and Joinery				

I	Item	Description	Unit	Qty	Rate	Amount
		SECTION 3 Block 1: 4 Classrooms, 1 Principal's Office and Store Room: 3.6 - Carpentr	у			
		and Joinery Main Collection	Page			
		Brought forwar	d 38			
		Carried to Summar SECTION 3	у			
		Block 1: 4 Classrooms, 1 Principal's Office and Store Room: 3.6 - Carpentry and Joinery	i			
•		•	•	•	•	1

Item	Description	Unit	Qty	Rate	Amount
3.7	IRONMONGERY				
	HINGES, BOLTS, ETC				
3.7.1	Three lever mortice lockset and satin chrome plated handles Solid Art 390/313	No	5		
3.7.2	Stays, latches, handles, hinges, etc to existing window frames	No	24		
	LETTERS, NAMEPLATES, ETC				
	200 x 30mm High signs with 15mm high letters and numerals fixed with two self-tapping screws to steel and reading as follows:-				
3.7.3	50mm High plastic letter or numeral	No	5		
3.7.4	38mm Diameter rubber door stop plugged and screwed to floor with a 50mm long brass screw	No	5		
	Openia di Api Calla attac				
	Carried to Collection SECTION 3				
	Block 1: 4 Classrooms, 1 Principal's Office and Store Room: 3.7 - Ironmongery				

1	Description	Unit	Qty	Rate	Amount
	SECTION 3				
ļ	Block 1: 4 Classrooms, 1 Principal's Office and Store Room: 3.7 - Ironmongery Main Collection	Dana			
ľ	Main Collection Brought fo	Page rward 40			
	Biought to	iwaid 40			
	Carried to Sum	ımary			
	SECTION 3	-			

Screeds on concrete Screeds on concrete 3.8.1 23mm Thick on floors and landings to verandas and steps m² 225 Z5mm Thick on floors and landings to verandas and steps m² 55 NTERNAL PLASTER Cement plaster on brickwork 3.8.3 On valls in patches and repairing cracks m² 10 EXTERNAL PLASTER Cement plaster on brickwork 3.8.5 On narrow widths m² 10 EXTERNAL PLASTER Cement plaster on brickwork 3.8.5 On valls in patches and repairing cracks m² 20 SPECIALIST FLOOR AND WALL COATINGS Prime surfaces and apply two coats 'Flowcrete Flowcoat Quartz' or other approved non-ally self levelling epoxy floor finish with anti-microbial additive whying finished thickness of 3mm on The rate to include for: - All specialist plant, labour and materials for executing the works under this item - Preparation of the surface by means of tlamond grinding - Priming the surface with Ascerb Famer at all mp all time - Application of Abscence 400 in Fibility depoxy resin at 2mm with a non-slip finish using notice for towest - Re-cuting and sealing expansion joints 3.8.7 Granolithic powed floors and skirtings Carried to Collection SECTION 3 Block 1: 4 Classrooms, 1 Primopal's Office and Store Room: 38 - Plastering	Item	Description	Unit	Qty	Rate	Amount
Screeds on concrete 3.8.1 23mm Thick on floors and landings 3.8.2 25mm Thick on floors and landings to verandas and steps MTERNAL PLASTER Cement plaster on brickwork 3.8.3 On walls in patches and repairing cracks On narrow widths EXTERNAL PLASTER Cement plaster on brickwork 3.8.5 On walls in patches and repairing cracks 3.8.6 On narrow widths EXTERNAL PLASTER Cement plaster on brickwork 3.8.5 On walls in patches and repairing cracks M** 234 3.8.6 On narrow widths SPECIALIST FLOOR AND WALL COATINGS Prime surfaces and apply two coats 'Flowcrete Flowcoat Quarts' or other approved non-silp self levelling bepory floor finish with anti-microbial additive having finished thickness of hum on The rate to include for: All specialist plant, abour and materials or executing the works under this item - Preparation of the surface by means of diemond grinding - Preparation of All-Sculid speaky resin at 2mm with a non-silp finish using notched trowels - Re-cutting and sealing expansion joints 3.8.7 Granolithic paved floors and skirrings Carried to Collection SECTION 3	3.8	PLASTERING				
3.8.1 23mm Thick on floors and landings 3.8.2 25mm Thick on floors and landings to verandas and steps INTERNAL PLASTER Cement plaster on brickwork 3.8.3 On walls in patches and repairing cracks 3.8.4 On narrow widths EXTERNAL PLASTER Cement plaster on brickwork 3.8.5 On walls in patches and repairing cracks 3.8.6 On marrow widths SPECIALIST FLOOR AND WALL COATINGS Prine surfaces and apply two coats "Rowerste Flowcoat Quartz" or other approved non-slip self levelling epoxy floor finish with anti-microbial actitive having finished thickness of 3mm on The rate to include for: - All specialist plant, labour and materials for executing the works under this item - Preparation of the surface by means of diamond grinding - Prinning the surface with Abcecte Primer at 4mF per litre - Application of Aboccede Orth Healid epoxy resn at 2mm with a non-slip finish using northed diacro of Aboccede Orth Healid epoxy resn at 2mm with a non-slip finish using northed diacro of Aboccede Orth Healid epoxy resn at 2mm with a non-slip finish using northed diacro of Aboccede Orth Healid epoxy resn at 2mm with a non-slip finish using northed diacro of Aboccede Orth Healid epoxy resn at 2mm with a non-slip finish using northed diacro of Aboccede Orth Healid epoxy resn at 2mm with a non-slip finish using northed diacro of Aboccede Orth Healid epoxy resn at 2mm with a non-slip finish using northed diacro of Aboccede Orth Healid epoxy resn at 2mm with a non-slip finish using northed diacro of Aboccede Orth Healid epoxy resn at 2mm with a non-slip finish using northed diacro of Aboccede Orth Healid epoxy resn at 2mm with a non-slip finish using northed diacro of Aboccede Orth Healid epoxy resn at 2mm with a non-slip finish using northed diacro of Aboccede Orth Healid epoxy resn at 2mm with a non-slip finish using northed diacro of Aboccede Orth Healid epoxy resn at 2mm with a non-slip finish using northed diacro of Aboccede Orth Healid epoxy resn at 2mm with a non-slip finish using northed diacro of Aboccede Orth Healid epoxy		SCREEDS				
3.8.2 25mm Thick on floors and landings to verandas and steps INTERNAL PLASTER		Screeds on concrete				
INTERNAL PLASTER Cement plaster on brickwork 3.8.3 On variety plaster on brickwork 3.8.4 On narrow widths EXTERNAL PLASTER Cement plaster on brickwork 3.8.5 On walls in patches and repairing cracks 3.8.6 On narrow widths SPECIALIST FLOOR AND WALL COATINGS Prime surfaces and apply two coats "Flowcrote Flowcoat Quartz" or other approved non-silp self levelling epoxy floor finish with anti-microbial additive having finished thickness of 3mm on The rate to include for: - All specialist plant, labour and materials for executing the works under this item - Preparation of the surface by means of diamond grinding - Priming the surface with Abecote Primer at 4rin per litre - Application of Abecote 400 Hi-Build epoxy resin at 2mm with a non-slip finish using nother trowes - Ne cutting and sealing expansion joints 3.8.7 Granolithic paved floors and skirlings Carried to Collection SECTION 3	3.8.1	23mm Thick on floors and landings	m^2	225		
Cement plaster on brickwork 3.8.3 3.8.4 On walls in patches and repairing cracks On narrow widths EXTERNAL PLASTER Cement plaster on brickwork 3.8.5 On narrow widths SPECIALIST FLOOR AND WALL COATINGS Prime surfaces and apply two coats "Flowcrete Flowcoat Quartz" or other approved non-silip self levelling appoxy floor finish with anti-microbial additive having finished thickness of 3mm on The rate to include for: - All specialist plant, labour and materials for executing the works under this item - Preparation of the surface by means of damond grinding - Priming the surface with Abecote Primer at 4m? Per litre - Application of Abacote 400 Hi-Build epoxy resin at 2mm with a non-slip finish using notched trowels - Re-cutting and sealing expansion joints 3.8.7 Granolithic paved floors and skirtings Carried to Collection SECTION 3	3.8.2	25mm Thick on floors and landings to verandas and steps	m^2	55		
3.8.4 On walls in patches and repairing cracks 3.8.4 On narrow widths EXTERNAL PLASTER Cement plaster on brickwork 3.8.5 On walls in patches and repairing cracks 3.8.6 On narrow widths SPECIALIST FLOOR AND WALL COATINGS Prime surfaces and apply two coats 'Flowcrete Flowcoat Quartz' or other approved non-slip self levelling epoxy floor finish with anti-microbial additive having finished thickness of 3mm on The rate to include for: - All specialist plant, labour and materials for executing the works under this item - Preparation of Abecode Primer at 4m'p per litte - Application of Abecode Point Build epoxy resin at 2mm with a non-slip finish using notched towels - Re-cutting and sealing expansion joints 3.8.7 Granolithic paved floors and skirtings Carried to Collection SECTION 3		INTERNAL PLASTER				
3.8.4 On narrow widths EXTERNAL PLASTER Cement plaster on brickwork 3.8.5 On walls in patches and repairing cracks On walls in patches and repairing cracks SPECIALIST FLOOR AND WALL COATINGS Prime surfaces and apply two coats 'Flowcrete Flowcoat Quartz' or other approved non-slip self levelling epoxy floor finish with anti-microbial additive having finished thickness of 3mm on The rate to include for: - All specialist plant, labour and materials for executing the works under this item - Preparation of the surface by means of diamond grinding - Priming the surface with Abecote Primer at 4m² per litre - Application of Abecote-400 Hi-Build epoxy resin at 2mm with a non-slip finish using notched trowels - Re-cutting and sealing expansion joints 3.8.7 Granolithic paved floors and skirtings Carried to Collection SECTION 3		Cement plaster on brickwork				
EXTERNAL PLASTER Cement plaster on brickwork 3.8.5 On walls in patches and repairing cracks SPECIALIST FLOOR AND WALL COATINGS Prime surfaces and apply two coats 'Flowcrete Flowcoat Quartz' or other approved non-slip self levelling epoxy floor finish with anti-microbial additive having finished thickness of 3mm on The rate to include for: - All specialist plant, labour and materials for executing the works under this item - Preparation of the surface by means of diamond grinding - Priming the surface with Abecobe Primer at 4m² per titre - Application of Abecode-400 Hi-Build epoxy resin at 2mm with a non-slip finish using notched trowels - Re-cutting and sealing expansion joints 3.8.7 Granolithic paved floors and skirtings Carried to Collection SECTION 3	3.8.3	On walls in patches and repairing cracks	m^2	376		
Cement plaster on brickwork 3.8.5 On walls in patches and repairing cracks SPECIALIST FLOOR AND WALL COATINGS Prime surfaces and apply two coats 'Flowcrete Flowcoat Quartz' or other approved non-slip self levelling epoxy floor finish with anti-microbial additive having finished thickness of 3mm on The rate to include for: - All specialist plant, labour and materials for executing the works under this item - Preparation of the surface by means of diamond grinding - Priming the surface with Abecote Primer at 4m² per litre - Application of Abecote 400 Hi-Build epoxy resin at 2mm with a non-slip finish using notched trowels - Re-cutting and sealing expansion joints 3.8.7 Granolithic paved floors and skirtings Carried to Collection SECTION 3	3.8.4	On narrow widths	m^2	10		
3.8.5 On walls in patches and repairing cracks 3.8.6 On narrow widths SPECIALIST FLOOR AND WALL COATINGS Prime surfaces and apply two coats 'Flowcrete Flowcoat Quartz' or other approved non-slip self levelling spoxy floor finish with anti-microbial additive having finished thickness of 3mm on The rate to include for: - All specialist plant, labour and materials for executing the works under this item - Preparation of the surface by means of diamond grinding - Priming the surface with Abecote Primer at 4m² per litre - Application of Abecote 400 Hi-Build epoxy resin at 2mm with a non-slip finish using notched trowels - Re-cutting and sealing expansion joints 3.8.7 Granolithic paved floors and skirtings Carried to Collection SECTION 3		EXTERNAL PLASTER				
3.8.6 On narrow widths SPECIALIST FLOOR AND WALL COATINGS Prime surfaces and apply two coats 'Flowcrete Flowcoat Quartz' or other approved non-slip self levelling epoxy floor finish with anti-microbial additive having finished thickness of 3mm on The rate to include for: - All specialist plant, labour and materials for executing the works under this item - Preparation of the surface by means of clamond grinding - Priming the surface with Abecote Primer at 4m² per litre - Application of Abecote 400 Hi-Build epoxy resin at 2mm with a non-slip finish using notched trovels - Re-cutting and sealing expansion joints 3.8.7 Granolithic paved floors and skirtings Carried to Collection SECTION 3		Cement plaster on brickwork				
SPECIALIST FLOOR AND WALL COATINGS Prime surfaces and apply two coats 'Flowcrete Flowcoat Quartz' or other approved non-slip self levelling epoxy floor finish with anti-microbial additive having finished thickness of 3mm on The rate to include for: - All specialist plant, labour and materials for executing the works under this item - Preparation of the surface by means of diamond grinding - Primig the surface with Abecote Primer at 4m² per litre - Application of Abecote 400 Hi-Build epoxy resin at 2mm with a non-slip finish using notched trowels - Re-cutting and sealing expansion joints 3.8.7 Granolithic paved floors and skirtings Carried to Collection SECTION 3	3.8.5	On walls in patches and repairing cracks	m^2	234		
Prime surfaces and apply two coats 'Flowcrete Flowcoat Quartz' or other approved non-slip self levelling epoxy floor finish with anti-microbial additive having finished thickness of 3mm on The rate to include for: - All specialist plant, labour and materials for executing the works under this item - Preparation of the surface by means of diamond grinding - Priming the surface with Abecote Primer at 4m² per litre - Application of Abecote 400 Hi-Build epoxy resin at 2mm with a non-slip finish using notched trowels - Re-cutting and sealing expansion joints 3.8.7 Granolithic paved floors and skirtings Carried to Collection SECTION 3	3.8.6	On narrow widths	m^2	20		
approved non-slip self levelling epoxy floor finish with anti-microbial additive having finished thickness of 3mm on The rate to include for: - All specialist plant, labour and materials for executing the works under this item - Preparation of the surface by means of diamond grinding - Priming the surface with Abecote Primer at 4m² per litre - Application of Abecote 400 Hi-Build epoxy resin at 2mm with a non-slip finish using notched trowels - Re-cutting and sealing expansion joints 3.8.7 Granolithic paved floors and skirtings m² 225 Carried to Collection SECTION 3		SPECIALIST FLOOR AND WALL COATINGS				
- All specialist plant, labour and materials for executing the works under this item - Preparation of the surface by means of diamond grinding - Priming the surface with Abecote Primer at 4m² per litre - Application of Abecote 400 Hi-Build epoxy resin at 2mm with a non-slip finish using notched trowels - Re-cutting and sealing expansion joints 3.8.7 Granolithic paved floors and skirtings m² 225		approved non-slip self levelling epoxy floor finish with anti-microbial				
Preparation of the surface by means of diamond grinding Priming the surface with Abecote Primer at 4m² per litre Application of Abecote 400 Hi-Build epoxy resin at 2mm with a non-slip finish using notched trowels Re-cutting and sealing expansion joints 3.8.7 Granolithic paved floors and skirtings m² 225 Carried to Collection SECTION 3		The rate to include for :				
Priming the surface with Abecote Primer at 4m² per litre - Application of Abecote 400 Hi-Build epoxy resin at 2mm with a non-slip finish using notched trowels - Re-cutting and sealing expansion joints 3.8.7 Granolithic paved floors and skirtings m² 225 Carried to Collection SECTION 3		- All specialist plant, labour and materials for executing the works under this item				
Carried to Collection		 Priming the surface with Abecote Primer at 4m² per litre Application of Abecote 400 Hi-Build epoxy resin at 2mm with a non-slip finish using notched trowels 				
SECTION 3	3.8.7	Granolithic paved floors and skirtings	m^2	225		
SECTION 3						

	Description		Unit	Qty	Rate	Amount
SECTION 3	Discourage 4 Duisselvelle Off	2.0				
Plastering Main Colle	Classrooms, 1 Principal's Office and Store Ro	om: 3.8 -	Page			
wam cone	auon	Brought forward	42			
		brought forward	72			
		Carried to Summarv				
SECTION 3						
	lassrooms, 1 Principal's Office and Store Room:	Carried to Summary 3.8 - Plastering				

Item	Description	Unit	Qty	Rate	Amount
3.9	PLUMBING AND DRAINAGE				
	RAINWATER DISPOSAL				
	Seamless Aluminium				
3.9.1	155 x 100 x 115mm ogee gutter with baked enamel finish fixed with concealed brackets (all to supplies spec).	m	76		
3.9.2	100 x 75 mm fluted downpipes with baked enamel finish as per supplier's details	m	23		
3.9.3	Extra for angle	No	2		
3.9.4	Extra for stop end	No	2		
3.9.5	Extra for outlet for 100mm pipe	No	2		
3.9.6	Extra for eaves or plinth offset	No	2		
	FIRE APPLIANCES ETC				
	Chubb				
3.9.7	4,5kg Carbon dioxide fire extinguisher	No	1		
	TANKS				
	Jojo Polyproline water tank				
3.9.8	5000 litre Polyproline water tank with 35mm diameter inlet at top and 50mm overflow outlet and 25mm outlet at base of tank including access hatch on top fitted with vernim-proof vent, and including 1.6 x 50mm galvanised hoop iron or other approved holding down material secured around pedestal complete including pedestal, including concrete, brickwork for stand as per engineer's or Architect's drawings.	No	2		
	Carried to Collection				
	SECTION 3 Block 1: 4 Classrooms, 1 Principal's Office and Store Room: 3.9 - Plumbing and Drainage				

Item	Description	Unit	Qty	Rate	Amount
	SECTION 3 Block 1: 4 Classrooms, 1 Principal's Office and Store Room: 3.9 - Plumbing				
	and Drainage Main Collection	Page			
	Brought forward	44			
	Carried to Summary				
	SECTION 3 Block 1: 4 Classrooms, 1 Principal's Office and Store Room: 3.9 - Plumbing and Drainage				

Item	Description	Unit	Qty	Rate	Amount
3.10	GLAZING				
	GLAZING TO STEEL WITH PUTTY				
	4mm Anodised				
3.10.1	Panes exceeding 0,5m² and not exceeding 2m²	m ²	21		
	Carried to Collection SECTION 3				
	Block 1: 4 Classrooms, 1 Principal's Office and Store Room: 3.10 - Glazing				

Item	Description	Unit	Qty	Rate	Amount
	SECTION 3				
	Block 1: 4 Classrooms, 1 Principal's Office and Store Room: 3.10 - Glazing	_			
	Main Collection	Page			
	Brought forward	46			
	Carried to Summary				
	SECTION 3 Block 1: 4 Classrooms, 1 Principal's Office and Store Room: 3.10 - Glazing				

Item	Description	Unit	Qty	Rate	Amount
3.11	PAINTWORK				
	Prepare and apply one coat primer and two coats 'WALL N' ALL' emulsion paint (colour to be approved by the Department of Education) on				
3.11.1	Internal walls including gypsum coat where necessary	m^2	376		
3.11.2	In narrow widths	m^2	10		
	Prepare and apply one coat primer and two coats 'WALL N' ALL' emulsion paint (colour to be approved by the Department of Education) on				
3.11.3	External walls including gypsum coat where necessary	m^2	234		
3.11.4	In narrow widths	m^2	12		
	Prepare and apply one coat primer and two coats PVC emulsion paint (colour to be approved by the Department of Education) on				
3.11.5	Fascias and barge boards	m	86		
	Sanding and Spot priming defects in pre-primed surfaces with zinc phosphate metal primer, one coat universal undercoat and two coats super universal enamel paint on steel				
3.11.6	Door frames	m^2	8		
3.11.7	Windows	m^2	12		
	Prepare and apply one coat calcium plumbate primer, one coat undercoat and one coat gloss enamel paint				
3.11.8	Doors	m^2	20		
3.11.9	Cornices, etc not exceeding 300mm girth	m	134		
	One coat oil wood primer, one coat universal undercoat and two coats varnish on				
3.11.10	Skirtings, rails, etc not exceeding 300mm girth	m	134		
	Carried to Collection				
	SECTION 3 Block 1: 4 Classrooms, 1 Principal's Office and Store Room: 3.11 - Painting				

Item	Description	Unit	Qty	Rate	Amount
	SECTION 3				
	Block 1: 4 Classrooms, 1 Principal's Office and Store Room: 3.11 - Painting	D			
	Main Collection Brought forward	Page 48			
	Blought lotward	40			
	Carried to Summary SECTION 3				
	Block 1: 4 Classrooms, 1 Principal's Office and Store Room: 3.11 - Painting				

Item	Description	Unit	Qty	Rate	Amount
	SECTION 3 Block 1: 4 Classrooms, 1 Principal's Office and Store Room Summary	Page			
1	Alterations	29			
2	Earthworks	31			
3	Concrete, Formwork and Reinforcement	33			
4	Masonry	35			
5	Roof Coverings	37			
6	Carpentry and Joinery	39			
7	Ironmongery	41			
8	Plastering	43			
9	Plumbing and Drainage	45			
10	Glazing	47			
11	Paintwork	49			
	Carried to Final Summary				
	SECTION 3 Block 1: 4 Classrooms, 1 Principal's Office and Store Room				

Item	Description	Unit	Qty	Rate	Amount
	SECTION 4				
	BLOCK 2: 2 CLASSROOMS AND 1 SCHOOL HALL				
4.1	ALTERATIONS				
	Repairs to cracked walls.				
4.1.1	One brick walls.	m ²	3		
	Taking out and removing doors, windows, etc from brickwork and making good surfaces to receive new				
4.1.2	Timber door 813 x 2032mm high	No	9		
	Taking out and removing joinery fittings etc and making good to surfaces to receive new.				
4.1.3	Fascia boards	m	64		
4.1.4	Barge boards.	m	9		
4.1.5	Roof gutters	m	64		
4.1.6	Downpipes	m	9		
	Taking out and removing ironmongery				
4.1.7	Mortice lock and striking plate from timber door and steel frame	No	4		
4.1.8	Stays, latches, handles, etc from window steel frame	No	18		
	PREPARATORY WORK TO EXISTING SURFACES				
4.1.9	Chipping of screed in floors to recieve new screed.	m ²	202		
4.1.10	Cleaning internal walls to recieve paint.	m ²	290		
4.1.11	Cleaning external walls to recieve paint.	m ²	175		
4.1.12	Cleaning and removing broken glazing, putty and paint to window frames	m ²	16		
	Carried to Collection SECTION 4 Block 2: 2 Classrooms and 1 School Hall - 4.1 - Alterations	n			

Item	Description		Unit	Qty	Rate	Amount
	SECTION 4 Block 2: 2 Classrooms and 1 School Hall - 4.1 - Alterations Main Collection	s	Page			
		Brought forward	51			
	SECTION 4	Carried to Summary				
	Block 2: 2 Classrooms and 1 School Hall - 4.1 - Alterations					

Item	Description	Unit	Qty	Rate	Amount
4.2	MASONRY				
	SUPERSTRUCTURE				
	Brickwork of NFP bricks in class II mortar including galvanised crimp wire wall ties (7 per m² laid staggered)				
4.2.1	One brick walls	m^2	3		
4.2.2	Half brick walls in beamfilling	m^2	3		
	Galvanised hoop iron cramps, ties, etc				
4.2.3	30 x 1,6mm Cramp 500mm long with one end fixed to wood and other end built into brickwork	No	62		
	Carried to Collection SECTION 4				
	Block 2: 2 Classrooms and 1 School Hall - 4.2 - Masonry				

Item	Description		Unit	Qty	Rate	Amount
	SECTION 4 Block 2: 2 Classrooms and 1 School Hall - 4.2 - Masonry Main Collection		Page			
		Brought forward	53			
	SECTION 4	Carried to Summary				
	Block 2: 2 Classrooms and 1 School Hall - 4.2 - Masonry					

Item	Description	Unit	Qty	Rate	Amount
4.3	ROOF COVERINGS ETC				
	ROOF SHEETING AND ACCESSORIES				
	Saflock 700 AZ150 G550 interlocking roof sheeting with Z275 to both sides, on sisalation, fixed to timber intermediate purlins (purlins as per manufacturer's spec, taking into account windloads) secured with saflok 700 clips screw fixed to purlins as per manufacturer's recommendations and specifications.				
4.3.1	Roof covering with pitch not exceeding 25 degree, in transportable lengths not exceeding 20m. The description includes all related items.	m ²	275		
4.3.2	AG 150 G550 ridge capping with broad flute closures to suit roof profile with prepainted factory finish.	m	31		
4.3.3	Narrow and broad flute closers	m	31		
4.3.4	Moulded narrow and broad rib polyethylene filler blocks	m	31		
	ROOF AND WALL INSULATION				
	Sisalation 420 or equal and approved heavy industrial grade aluminium foil based insulation				
4.3.5	Insulation laid taut over purlins (at approximately 1,80m centres) and fixed concurrent with roof covering, including taped laps and nylon straining wires	m ²	275		
	Carried to Collection SECTION 4 Block 2: 2 Classrooms and 1 School Hall - 4.3 - Roof Coverings				

Item	Description	Unit	Qty	Rate	Amount
	SECTION 4 Block 2: 2 Classrooms and 1 School Hall - 4.3 - Roof Coverings Main Collection	Page			
	Brought forward				
	Carried to Summary				
	SECTION 4 Block 2: 2 Classrooms and 1 School Hall - 4.3 - Roof Coverings				

Item	Description	Unit	Qty	Rate	Amount
4.4	CARPENTRY AND JOINERY				
	Sawn softwood				
4.4.1	38 x 114mm Wall plates	m	62		
4.4.2	50 x 76mm Purlins exceeding 6.6 m in length, to manufacturer's specification	m	253		
	Sundries				
4.4.3	Two coats ABE Provinite on wrought timbers	m^2	105		
4.4.4	Teco two way hurricane clips secured to purlins and trusses at every intersection externally and internally galvanised wire is to be used	No	62		
	PREFABRICATED TIMBER ROOF TRUSSES, ETC				
4.4.5	Double pitched prefabricated plate nailed roof truss spanning approximately 6.949m and 1689mm high, truss to be hoisted and fixed as per manufacture's details. The description includes all related items	No	31		
	EAVES, VERGES, ETC				
	Everite medium density plain nutec-cement				
4.4.1	12 x 225mm Medium density fibre-cement fascia boards (Product No.041-202) with aluminium H-profile fascia joiners (Product No. 685-195), drill for and fix with hot-dip galvanised drive screws and washers	m	62		
4.4.2	80 x 200mm Socketless barge boards (Product No.721-800) with aluminium H-profile barge board joiners (Product No. 685-187), drill for and fix with hot-dip galvanised screws and washers	m	18		
	SKIRTINGS				
	Wrought meranti				
4.4.3	19 x 75mm Skirtings including 19mm quadrant bead plugged	m	101		
	DOORS, ETC				
	Wrought meranti doors hung to steel frame, etc				
4.4.4	44mm Framed batten door 813 x 2032m high.	No	4		
	Carried to Collection				
	SECTION 4 Block 2: 2 Classrooms and 1 School Hall - 4.4 - Carpentry and Joinery				

Item	Description	Unit	Qty	Rate	Amount
	SECTION 4 Block 2: 2 Classrooms and 1 School Hall - 4.4 - Carpentry and Joinery Main Collection	Page			
	Brought forward				
	Brought forward	37			
	0				
	Carried to Summary SECTION 4				
	Block 2: 2 Classrooms and 1 School Hall - 4.4 - Carpentry and Joinery				l I

Item	Description	Unit	Qty	Rate	Amount
4.5	CEILINGS, PARTITIONS AND ACCESS FLOORING				
	Glasswool insulation				
4.5.1	76mm Insulation blanket closely fitted and laid on top of brandering between roof timbers, etc	m²	202		
	NAILED UP CEILINGS				
	6,4mm "Rhino" gypsum plasterboard with H-type pressed steel jointing strips				
4.5.2	Horizontal ceilings, including 38 x 38mm sawn softwood brandering at maximum 400mm centres in one direction only to trusses (elsewhere measured).	m^2	202		
4.5.3	Extra over ceiling for 900 x 900mm trap door of 6mm wrought softwood rebated framing with one 50 x 50mm sawn softwood cross brander covered with ceiling board and fitted flush in opening	No	2		
	DECORATIVE MOULDINGS AND CORNICES				
4.5.4	75mm Coved cornices	m	101		
	Carried to Collection				
	SECTION 4 Block 2: 2 Classrooms and 1 School Hall - 4.5 - Ceilings, Partitions and Access				
	Flooring				

m	Description	Unit	Qty	Rate	Amount
	SECTION 4				
	Block 2: 2 Classrooms and 1 School Hall - 4.5 - Ceilings, Partitions and Access Flooring	D			
	Main Collection Brought forward	Page 59			
	Blought lotward	59			
	Carried to Summary SECTION 4				
	Block 2: 2 Classrooms and 1 School Hall - 4.5 - Ceilings, Partitions and Access Flooring				

Item	Description	Unit	Qty	Rate	Amount
4.6	IRONMONGERY				
	HINGES, BOLTS, ETC				
4.6.1	Three lever mortice lockset and satin chrome plated handles Solid Art 390/313	No	5		
4.6.2	Stays, latches, handles, hinges, etc to existing window frames	No	18		
	LETTERS, NAMEPLATES, ETC				
	200 x 30mm High signs with 15mm high letters and numerals fixed with two self-tapping screws to steel and reading as follows:-				
4.6.3	50mm High plastic letter or numeral	No	4		
4.6.4	38mm Diameter rubber door stop plugged and screwed to floor with a 50mm long brass screw	No	4		
	Carried to Collection				
	SECTION 4 Block 2: 2 Classrooms and 1 School Hall - 4.6 - Ironmongery				

Item	Description		Unit	Qty	Rate	Amount
	SECTION 4 Block 2: 2 Classrooms and 1 School Hall - 4.6 - Ironmongery Main Collection		Page			
		rought forward	61			
	Carrie	d to Summary				
	SECTION 4 Block 2: 2 Classrooms and 1 School Hall - 4.6 - Ironmongery					

Item	Description	Unit	Qty	Rate	Amount
4.7	PLASTERING				
	SCREEDS				
	Screeds on concrete				
4.7.1	23mm Thick on floors and landings	m ²	202		
	INTERNAL PLASTER				
	Cement plaster on brickwork				
4.7.2	On walls in patches and repairing cracks	m ²	290		
4.7.3	On narrow widths	m ²	2		
	SPECIALIST FLOOR AND WALL COATINGS				
	Prime surfaces and apply two coats 'Flowcrete Flowcoat Quartz' or other approved non-slip self levelling epoxy floor finish with anti-microbial additive having finished thickness of 3mm on				
	The rate to include for :				
	- All specialist plant, labour and materials for executing the works under this item				
	 Preparation of the surface by means of diamond grinding Priming the surface with Abecote Primer at 4m² per litre Application of Abecote 400 Hi-Build epoxy resin at 2mm with a non-slip finish using notched trowels Re-cutting and sealing expansion joints 				
4.7.4	Granolithic paved floors and skirtings	m ²	202		
	Carried to Collection SECTION 4				
	Block 2: 2 Classrooms and 1 School Hall - 4.7 - Plastering				

Item	Description		Unit	Qty	Rate	Amount
	SECTION 4 Block 2: 2 Classrooms and 1 School Hall - 4.7 - Plasterin Main Collection	g	Page			
		Brought forward	63			
	SECTION 4	Carried to Summary				
	Block 2: 2 Classrooms and 1 School Hall - 4.7 - Plastering					

Item	Description	Unit	Qty	Rate	Amount
4.8	PLUMBING AND DRAINAGE				
	RAINWATER DISPOSAL				
	Seamless Aluminium				
4.8.1	155 x 100 x 115mm ogee gutter with baked enamel finish fixed with concealed brackets (all to supplies spec).	m	64		
4.8.2	100 x 75 mm fluted downpipes with baked enamel finish as per supplier's details	m	9		
4.8.3	Extra for angle	No	2		
4.8.4	Extra for stop end	No	2		
4.8.5 4.8.6	Extra for outlet for 100mm pipe Extra for eaves or plinth offset	No No	2 2		
	FIRE APPLIANCES ETC				
	Chubb				
4.8.7	4,5kg Carbon dioxide fire extinguisher	No	1		
	TANKS				
	JoJo Polyproline water tank				
4.8.8	5000 litre Polyproline water tank with 35mm diameter inlet at top and 50mm overflow outlet and 25mm outlet at base of tank including access hatch on top fitted with vermin-proof vent, and including 1.6 x 50mm galvanised hoop iron or other approved holding down material secured around pedestal complete including pedestal, including concrete, brickwork for stand as per engineer's or Architect's drawings.	No	1		
	Carried to Collection SECTION 4				
	Block 2: 2 Classrooms and 1 School Hall - 4.8 - Plumbing and Drainage				

Item	Description	Unit	Qty	Rate	Amount
	SECTION 4				
	Block 2: 2 Classrooms and 1 School Hall - 4.8 - Plumbing and Drainage				
	Main Collection Brought forward	Page 65			
	Biought forward	05			
	Carried to Summary				
	SECTION 4 Block 2: 2 Classrooms and 1 School Hall - 4.8 - Plumbing and Drainage				

4.9.1 Panes exceeding 0,5m² and not exceeding 2m³ m² 18 4.9.1 Panes exceeding 0,5m² and not exceeding 2m³ m² 18	Item	Description	Unit	Qty	Rate	Amount
4.9.1 Panes exceeding 0,5m² and not exceeding 2m² m² 18 Exertion 4 Carried to Callection	4.9	GLAZING				
4.9.1 Panes exceeding 0.5m² and not exceeding 2m² m² 13		GLAZING TO STEEL WITH PUTTY				
SECTION 4 Carried to Collection		4mm Anodised				
SECTION 4	4.9.1	Panes exceeding 0,5m² and not exceeding 2m²	m²	18		
SECTION 4						
SECTION 4						
SECTION 4						
SECTION 4						
SECTION 4						
SECTION 4						
SECTION 4						
SECTION 4						
SECTION 4						
SECTION 4						
SECTION 4						
SECTION 4						
SECTION 4						
SECTION 4						
SECTION 4						
SECTION 4						
SECTION 4						
SECTION 4						
SECTION 4						
SECTION 4						
SECTION 4						
SECTION 4						
SECTION 4						
SECTION 4						
SECTION 4						
SECTION 4						
SECTION 4						
SECTION 4		Carried to Callactic	nn l			
1 12.00% E. E. Oldobroomb and T. Obroomban 1.0 Oldering			,,,,			

Item	Description		Unit	Qty	Rate	Amount
	SECTION 4 Block 2: 2 Classrooms and 1 School Hall - 4.9 - Glazing Main Collection		Page			
		Brought forward	67			
	SECTION 4	Carried to Summary				
	Block 2: 2 Classrooms and 1 School Hall - 4.9 - Glazing					

Item	Description	Unit	Qty	Rate	Amount
4.10	PAINTING				
	Prepare and apply one coat primer and two coats 'WALL N' ALL' emulsion paint (colour to be approved by the Department of Education) on				
4.10.1	Internal walls including gypsum coat where necessary	m^2	290		
4.10.2	Narrow widths	m^2	2		
4.10.3	Internal ceilings	m^2	202		
	Prepare and apply one coat primer and two coats 'WALL N' ALL' emulsion paint (colour to be approved by the Department of Education) on				
4.10.4	External walls including gypsum coat where necessary	m^2	175		
	Prepare and apply one coat primer and two coats PVC emulsion paint (colour to be approved by the Department of Education) on				
4.10.5	Fascias and barge boards	m	81		
	Sanding and Spot priming defects in pre-primed surfaces with zinc phosphate metal primer, one coat universal undercoat and two coats super universal enamel paint on steel				
	Door frames Windows	m^2	8		
4.10.7	Prepare and apply one coat calcium plumbate primer, one coat undercoat and one coat gloss enamel paint	m ²	18		
4.10.8		m^2	16		
4.10.9	Cornices, etc not exceeding 300mm girth	m	101		
	One coat oil wood primer, one coat universal undercoat and two coats varnish on				
4.10.10	Skirtings, rails, etc not exceeding 300mm girth	m	101		
	Carried to Collection SECTION 4				
1	Block 2: 2 Classrooms and 1 School Hall - 4.10 - Painting				II l

Item	Description		Unit	Qty	Rate	Amount
	SECTION 4 Block 2: 2 Classrooms and 1 School Hall - 4.10 - Painting Main Collection	1	Page			
		Brought forward	69			
		Carried to Summary				
	SECTION 4 Block 2: 2 Classrooms and 1 School Hall - 4.10 - Painting	2 2 2 2 2 3 3 3 3 4 3 4 3 4 4 4 4 4 4 4				

Item	Description	Unit	Qty	Rate	Amount
	SECTION 4 Block 2: 2 Classrooms and 1 School Hall Summary	Page			
1	Alterations	52			
2	Masonry	54			
3	Roof Coverings	56			
4	Carpentry and Joinery	58			
5	Ceilings, Partitions & Access Flooring	60			
6	Ironmongery	62			
7	Plastering	64			
8	Plumbing and Drainage	66			
9	Glazing	68			
10	Painting	70			
	Carried to Final Summary				
	SECTION 4 Block 2: 2 Classrooms and 1 School Hall				

Item	Description	Unit	Qty	Rate	Amount
	SECTION 5				
	Block 3: 1 Tuck Shop and 1 Store Room				
5.1	ALTERATIONS				
	REMOVAL OF EXISTING WORK				
	Taking out and removing doors, windows, etc from brickwork and making good surfaces to receive new				
5.1.1	Timber door 813 x 2032mm high	No	2		
	Taking out and removing ironmongery				
5.1.2	Mortice lock and striking plate from timber door and steel frame	No	2		
5.1.3	Stays, latches, handles, etc from window steel frame	No	2		
	PREPARATORY WORK TO EXISTING SURFACES				
5.1.4	Chipping of screed in floors to receive new screed.	m ²	29		
5.1.5	Cleaning internal walls to receive paint.	m^2	72		
5.1.6	Cleaning external walls to receive paint.	m ²	70		
5.1.7	Hack off existing plaster and make good to receive new.	m^2	72		
5.1.8	Cleaning and removing broken glazing, putty and paint to window frames	m^2	2		
	Carried to Collection SECTION 5				
	Block 3: 1 Tuckshop and 1 Store Room: 5.1- Alterations				

Item	Description		Unit	Qty	Rate	Amount
	SECTION 5 Block 3: 1 Tuckshop and 1 Store Room: 5.1- Alterations Main Collection		Page			
		Brought forward	72			
	·	arried to Summary				
	SECTION 5 Block 3: 1 Tuckshop and 1 Store Room: 5.1- Alterations	amou to outilitialy				

Item	Description	Unit	Qty	Rate	Amount
	NEW WORKS				
5.2	EARTHWORKS				
	Site clearance				
5.2.1	Digging up and removing rubbish, debris, vegetation, hedges, shrubs and trees not exceeding 200mm girth, bush, etc	m ²	35		
5.2.2	Stripping average 100mm thick layer of top soil and stockpiling on site	m ²	35		
	EXCAVATIONS				
	Excavation in earth not exceeding 2m deep				
	Trenches for V-drains	m^3	3		
	Extra over all excavations for carting away				
5.2.3	Surplus material from excavations and/or stock piles on site to a dumping site to be located by the contractor	m ³	3		
	Compaction of surfaces				
5.2.4	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 95% Mod AASHTO density	m²	35		
	SOIL POISONING				
	Soil insecticide				
5.2.5	Soil Poisoning under floors etc, including forming and poisoning shallow furrows against foundation walls etc, filling in furrows and ramming	m ²	35		
	Carried to Collection				
	Carried to Summary Block 3: 1 Tuckshop and 1 Store Room: 5.2- Earthworks				

Item	Description	Unit	Qty	Rate	Amount
	Carried to Summary Block 3: 1 Tuckshop and 1 Store Room: 5.2- Earthworks Main Collection	Page			
	Brought fo	orward 74			
	Carried to Sur	mmary			
	Carried to Summary Block 3: 1 Tuckshop and 1 Store Room: 5.2- Earthworks				

Item	Description	Unit	Qty	Rate	Amount
5.3	CONCRETE, FORMWORK AND REINFORCEMENT				
	Reinforced Concrete				
	25Mpa/19mm concrete				
5.3.1	Concrete to V-drain cast in panels, laid to fall in 1:200, with control joints filled with polysulphide sealant, every 3000mm centres	m ³	3		
5.3.2	Concrete aprons cast in panels, laid to fall in 1:200, with control joints filled with polysulphide sealant, every 3000mm centres	m ³	3		
	TEST BLOCKS				
5.3.3	Making and testing of three 150 x 150 x 150mm concrete strength test cubes	No	3		
	CONCRETE SUNDRIES				
	Finishing top surfaces of concrete to a Class U2 wood float finish				
5.3.4	Surface beds, slabs, etc	m ²	35		
	Rough formwork to sides				
5.3.5	To sides not exceeding 300mm	m ²	2		
	MOVEMENT JOINTS ETC				
	Expansion joints with softboard between vertical concrete surfaces				
5.3.6	15mm Joints not exceeding 300mm high or wide	m	12		
	Expansion joints with bitumen-impregnated softboard between vertical concrete and brickwork surfaces				
5.3.7	10mm Isolation Joints not exceeding 300mm high or wide	m	23		
	Saw cut joints				
5.3.8	50 x 3mm Saw cut joints in top of concrete	m	12		
	Fabric reinforcement				
5.3.9	Type 193 fabric reinforcement in concrete surface beds, slabs, etc.	m ²	35		
	Carried to Collection				
	Carried to Summary Block 3: 1 Tuckshop and 1 Store Room: 5.3 - Concrete, Formwork and Reinforcement				

Item	Description	Unit	Qty	Rate	Amount
	Carried to Summary Block 3: 1 Tuckshop and 1 Store Room: 5.3 - Concrete, Formwork and Reinforcement				
	Main Collection	Page			
	Brought forward	76			
	Carried to Summary				
	Carried to Summary Block 3: 1 Tuckshop and 1 Store Room: 5.3 - Concrete, Formwork and Reinforcement				

Item	Description	Unit	Qty	Rate	Amount
5.4	MASONRY				
	SUPERSTRUCTURE				
	Brickwork of NFP bricks in class II mortar including galvanised crimp wire wall ties (7 per m ² laid staggered)				
5.4.1	Half brick walls in beamfilling	m ²	2		
	Galvanised hoop iron cramps, ties, etc				
5.4.2	30 x 1,6mm Cramp 500mm long with one end fixed to wood and other end built into brickwork	No	16		
	Carried to Collection				
	Carried to Summary Block 3: 1 Tuckshop and 1 Store Room: 5.4 - Masonry				

Item	Description	Unit	Qty	Rate	Amount
	Carried to Summary Block 3: 1 Tuckshop and 1 Store Room: 5.4 - Masonry Main Collection	Page			
	Brought forwar	d 78			
	Carried to Summary	у			
	Block 3: 1 Tuckshop and 1 Store Room: 5.4 - Masonry	1		l	l I

Item	Description	Unit	Qty	Rate	Amount
5.5	ROOF COVERINGS ETC				
	ROOF SHEETING AND ACCESSORIES				
	Saflock 700 AZ150 G550 interlocking roof sheeting with Z275 to both sides, on sisalation, fixed to timber intermediate purlins (purlins as per manufacturer's spec, taking into account windloads) secured with saflok 700 clips screw fixed to purlins as per manufacturer's recommendations and specifications.				
5.5.1	Roof covering with pitch not exceeding 25 degrees, in transportable lengths not exceeding 20m. The description includes all related items.	m^2	32		
5.5.2	AG 150 G550 ridge capping with broad flute closures to suit roof profile with prepainted factory finish.	m	8		
5.5.3	Narrow and broad flute closers	m	16		
5.5.4	Moulded narrow and broad rib polyethylene filler blocks	m	16		
	ROOF AND WALL INSULATION				
	Sisalation 420 or equal and approved heavy industrial grade aluminium foil based insulation				
5.5.5	Insulation laid taut over purlins (at approximately 1,80m centres) and fixed concurrent with roof covering, including taped laps and nylon straining wires	m^2	32		
	Carried to Collection SECTION 5 Block 3: 1 Tuckshop and 1 Store Room: 5.5 -Roof Coverings				

Item	Description		Unit	Qty	Rate	Amount
	SECTION 5 Block 3: 1 Tuckshop and 1 Store Room: 5.5 -Roof Coverings Main Collection		Page			
		Brought forward	80			
	SECTION 5	ed to Summary				
	Block 3: 1 Tuckshop and 1 Store Room: 5.5 -Roof Coverings					

Item	Description	Unit	Qty	Rate	Amount
5.6	CARPENTRY AND JOINERY				
	Sawn softwood				
5.6.1	38 x 114mm Wall plates	m	16		
5.6.2	50 x 76mm Purlins not exceeding 6.6 m in length, to manufacturer's specification	m	36		
	Sundries				
5.6.3	Two coats ABE Provinite on wrought timbers	m ²	16		
5.6.4	Teco two way hurricane clips secured to purlins and trusses at every intersection externally and internally galvanised wire is to be used	No	120		
	PREFABRICATED TIMBER ROOF TRUSSES, ETC				
5.6.5	Double pitched prefabricated plate nailed roof truss spanning approximately 3100mm and 1689mm high, truss to be hoisted and fixed approximately 3m above ground level as per manufacture's details. The description includes all related items	No	8		
	EAVES, VERGES, ETC				
	Everite medium density plain nutec-cement				
5.6.6	12 x 225mm Medium density fibre-cement fascia boards (Product No.041-202) with aluminium H-profile fascia joiners (Product No. 685-195), drill for and fix with hot-dip galvanised drive screws and washers	m	16		
56.7	80 x 200mm Socketless barge boards (Product No.721-800) with aluminium H-profile barge board joiners (Product No. 685-187), drill for and fix with hot-dip galvanised screws and washers	m	8		
	DOORS, ETC				
	Wrought meranti doors hung to steel frame, etc				
5.6.8	44mm Framed batten door 813 x 2032m high, as per Architect's Specification	No	2		
	Carried to Collection				
	SECTION 5 Block 3: 1 Tuckshop and 1 Store Room: 5.6 - Carpentry and Joinery				

Item	Description	Unit	Qty	Rate	Amount
	SECTION 5 Block 3: 1 Tuckshop and 1 Store Room: 5.6 - Carpentry and Joinery Main Collection	Page			
	Brought forward				
	Carried to Summary SECTION 5 Block 3: 1 Tuckshop and 1 Store Room: 5.6 - Carpentry and Joinery				
ı	2.33. 3. 1. 33. Grap and 1. 3. Grap resont of Outpointy and Contory	ļ	ı	I	u I

Item	Description	Unit	Qty	Rate	Amount
5.7	CEILINGS, PARTITIONS AND ACCESS FLOORING				
	Glasswool insulation				
5.7.1	76mm Insulation blanket closely fitted and laid on top of brandering between roof timbers, etc	m^2	32		
	NAILED UP CEILINGS				
	6,4mm "Rhino" gypsum plasterboard with H-type pressed steel jointing strips				
5.7.2	Horizontal ceilings, including 38 x 38mm sawn softwood brandering at maximum 400mm centres in one direction only to trusses (elsewhere measured).	m²	29		
5.7.3	Extra over ceiling for 900 x 900mm trap door of 6mm wrought softwood rebated framing with one 50 x 50mm sawn softwood cross brander covered with ceiling board and fitted flush in opening	No	1		
	DECORATIVE MOULDINGS AND CORNICES				
5.7.4	75mm Coved cornices	m	31		
	Carried to Collection				
	SECTION 5 Block 3: 1 Tuckshop and 1 Store Room: 5.7 - Ceilings, Partitions and Access Flooring				

n	Description	Unit	Qty	Rate	Amount
	SECTION 5				
	Block 3: 1 Tuckshop and 1 Store Room: 5.7 - Ceilings, Partitions and Access Flooring Main Collection				
		Page			
	Brought forward	84			
	Carried to Summary				
	SECTION 5 Block 3: 1 Tuckshop and 1 Store Room: 5.7 - Ceilings, Partitions and Access				

Item	Description	Unit	Qty	Rate	Amount
5.8	IRONMONGERY				
	HINGES, BOLTS, ETC				
5.8.1	Three lever mortice lockset and satin chrome plated handles Solid Art 390/313	No	2		
5.8.2	Stays, latches, handles, hinges, etc to existing window frames	No	2		
	LETTERS, NAMEPLATES, ETC				
	200 x 30mm High signs with 15mm high letters and numerals fixed with two self-tapping screws to steel and reading as follows:-				
5.8.3	50mm High plastic letter or numeral	No	2		
5.8.4	38mm Diameter rubber door stop plugged and screwed to floor with a 50mm long brass screw	No	2		
	Carried to Collection				
	SECTION 5 Block 3: 1 Tuckshop and 1 Store Room: 5.8 - Ironmongery				

Item	Description		Unit	Qty	Rate	Amount
	SECTION 5 Block 3: 1 Tuckshop and 1 Store Room: 5.8 - Ironmonger Main Collection	у	Page			
		Brought forward	86			
		Carried to Summary				
	SECTION 5 Block 3: 1 Tuckshop and 1 Store Room: 5.8 - Ironmongery					

Item	Description	Unit	Qty	Rate	Amount
5.9	PLASTERING				
	SCREEDS				
	Screeds on concrete				
5.9.1	23mm Thick on floors and landings	m^2	32		
	INTERNAL PLASTER				
	Cement plaster on brickwork				
5.9.2	On walls in patches and repairing cracks	m ²	74		
	EXTERNAL PLASTER				
	Cement plaster on brickwork				
5.9.3	On walls in patches and repairing cracks	m ²	62		
	SPECIALIST FLOOR AND WALL COATINGS				
	Prime surfaces and apply two coats 'Flowcrete Flowcoat Quartz' or other approved non-slip self levelling epoxy floor finish with anti-microbial additive having finished thickness of 3mm on				
	The rate to include for :				
	- All specialist plant, labour and materials for executing the works under this item				
	 Preparation of the surface by means of diamond grinding Priming the surface with Abecote Primer at 4m² per litre Application of Abecote 400 Hi-Build epoxy resin at 2mm with a non-slip finish using notched trowels Re-cutting and sealing expansion joints 				
5.9.4	Granolithic paved floors and skirtings	m ²	32		
	Carried to Collection				
	SECTION 5 Block 3: 1 Tuckshop and 1 Store Room: 5.9 - Plastering				

Item	Description	Un	nit Qty	Rate	Amount
	SECTION 5 Block 3: 1 Tuckshop and 1 Store Room: 5.9 - Plastering Main Collection	Paç			
	Br	ought forward 88	3		
	Carries	d to Summary			
	SECTION 5 Block 3: 1 Tuckshop and 1 Store Room: 5.9 - Plastering	2 to Guillinary			

Item	Description	Unit	Qty	Rate	Amount
5.10	PLUMBING AND DRAINAGE				
	RAINWATER DISPOSAL				
	Seamless Aluminium				
5.10.1	155 x 100 x 115mm ogee gutter with baked enamel finish fixed with concealed brackets (all to supplies spec).	m	16		
5.10.2	100 x 75 mm fluted downpipes with baked enamel finish as per supplier's details	m	5		
	Extra for angle	No	2		
	Extra for stop end Extra for outlet for 100mm pipe	No No	2 2		
	Extra for eaves or plinth offset	No	2		
	FIRE APPLIANCES ETC				
	Chubb				
5.10.7	4,5kg Carbon dioxide fire extinguisher	No	1		
	TANKS				
	JoJo Polyproline water tank				
5.10.8	5000 litre Polyproline water tank with 35mm diameter inlet at top and 50mm overflow outlet and 25mm outlet at base of tank including access hatch on top fitted with vermin-proof vent, and including 1.6 x 50mm galvanised hoop iron or other approved holding down material secured around pedestal complete including pedestal, including concrete, brickwork for stand as per engineer's or Architect's drawings.	No	1		
	Carried to Collection SECTION 5				
	Block 3: 1 Tuckshop and 1 Store Room: 5.10 - Plumbing and Drainage				

Item	Description	Unit	Qty	Rate	Amount
	SECTION 5 Block 3: 1 Tuckshop and 1 Store Room: 5.10 - Plumbing and Drainage Main Collection	Page			
	Brought forward				
	Carried to Summary SECTION 5				
	Block 3: 1 Tuckshop and 1 Store Room: 5.10 - Plumbing and Drainage				

Item	Description	Unit	Qty	Rate	Amount
5.11 G	GLAZING				
G	GLAZING TO STEEL WITH PUTTY				
4	mm Anodised				
5.11.1 P	Panes exceeding 0,5m² and not exceeding 2m²	m ²	2		
S	Carried to Collection SECTION 5 Block 3: 1 Tuckshop and 1 Store Room: 5.11 - Glazing	n			

Item	Description	Uni	t Qty	Rate	Amount
	SECTION 5 Block 3: 1 Tuckshop and 1 Store Room: 5.11 - Glazing Main Collection	Pag	e		
	Brough	nt forward 92			
	Carried to S SECTION 5	Summary			
I	Block 3: 1 Tuckshop and 1 Store Room: 5.11 - Glazing	I	I	I	ıı I

Item	Description	Unit	Qty	Rate	Amount
5.12	PAINTWORK				
	Prepare and apply one coat primer and two coats 'WALL N' ALL' emulsion paint (colour to be approved by the Department of Education) on				
5.12.1	Internal walls including gypsum coat where necessary	m^2	74		
5.12.2	Narrow widths	m^2	1		
5.12.3	Internal ceilings	m^2	32		
	Prepare and apply one coat primer and two coats 'WALL N' ALL' emulsion paint (colour to be approved by the Department of Education) on				
5.12.4	External walls including gypsum coat where necessary	m^2	62		
5.12.5	In narrow widths	m^2	2		
	Prepare and apply one coat primer and two coats PVC emulsion paint (colour to be approved by the Department of Education) on				
5.12.6	Fascias and barge boards	m	24		
	Sanding and Spot priming defects in pre-primed surfaces with zinc phosphate metal primer, one coat universal undercoat and two coats super universal enamel paint on steel				
5.12.7	Door frames	m^2	4		
5.12.8	Windows	m^2	2		
	Prepare and apply one coat calcium plumbate primer, one coat undercoat and one coat gloss enamel paint				
5.12.9	Doors	m^2	9		
5.12.10	Cornices, etc not exceeding 300mm girth	m	31		
	One coat oil wood primer, one coat universal undercoat and two coats varnish on				
5.12.11	Skirtings, rails, etc not exceeding 300mm girth	m	31		
	Carried to Collection				
	SECTION 5 Block 3: 1 Tuckshop and 1 Store Room: 5.12 - Painting				

Item	Description	Unit	Qty	Rate	Amount
	SECTION 5 Block 3: 1 Tuckshop and 1 Store Room: 5.12 - Painting Main Collection	Page			
	Brou	ght forward 94			
	Comind to	o Summary			
	SECTION 5 Block 3: 1 Tuckshop and 1 Store Room: 5.12 - Painting	, Guillinaly			

Item	Description	Unit	Qty	Rate	Amount
	SECTION 5 Block 3: 1 Tuckshop and 1 Store Room Summary	Page			
1	Alterations	73			
2	Earthworks	75			
3	Concrete, Formwork and Reinforcement	77			
4	Masonry	79			
5	Roof Coverings	81			
6	Carpentry and Joinery	83			
7	Ceilings, Partitions and Access Flooring	85			
8	Ironmongery	87			
9	Plastering	89			
10	Plumbing and Drainage	91			
11	Glazing	93			
12	Paintwork	95			
	Carried to Final Summary				
	SECTION 5 Block 3: 1 Tuckshop and 1 Store Room				

Item	Description	Unit	Qty	Rate	Amount
	SECTION 6				
	Block 4: KITCHEN AND STORE ROOM				
6.1	ALTERATIONS				
	REMOVAL OF EXISTING WORK				
	Taking out and removing doors, windows, etc from brickwork and making good surfaces to receive new				
6.1.1	Timber door 813 x 2032mm high	No	2		
	Taking out and removing ironmongery				
6.1.2	Mortice lock and striking plate from timber door and steel frame	No	2		
6.1.3	Stays, latches, handles, etc from window steel frame	No	2		
	PREPARATORY WORK TO EXISTING SURFACES				
6.1.4	Chipping of screed in floors to receive new screed.	m^2	21		
6.1.5	Cleaning internal walls to receive paint.	m²	72		
6.1.6	Cleaning external walls to receive paint.	m²	54		
6.1.7	Hack off existing plaster and make good to receive new.	m^2	126		
6.1.8	Cleaning and removing broken glazing, putty and paint to window frames	m^2	2		
	Carried to Collection SECTION 6 Block 4: Kitchen and Store Room: 6.1- Alterations				

Item	Description		Unit	Qty	Rate	Amount
	SECTION 6 Block 4: Kitchen and Store Room: 6.1- Alterations Main Collection		Page			
	Brought	forward	97			
	Carried to Si SECTION 6 Block 4: Kitchen and Store Room: 6.1- Alterations	ummary				

Item	Description	Unit	Qty	Rate	Amount
	NEW WORKS				
6.2	EARTHWORKS				
	Site clearance				
6.2.1	Digging up and removing rubbish, debris, vegetation, hedges, shrubs and trees not exceeding 200mm girth, bush, etc	m^2	23		
6.2.2	Stripping average 100mm thick layer of top soil and stockpiling on site	m^2	23		
	EXCAVATIONS				
	Excavation in earth not exceeding 2m deep				
	Trenches for V-drains	m^3	2		
	Extra over all excavations for carting away				
6.2.3	Surplus material from excavations and/or stock piles on site to a dumping site to be located by the contractor	m^3	2		
	Compaction of surfaces				
6.2.4	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 95% Mod AASHTO density	m^2	23		
	SOIL POISONING				
	Soil insecticide				
6.2.5	Soil Poisoning under floors etc, including forming and poisoning shallow furrows against foundation walls etc, filling in furrows and ramming	m^2	23		
	Carried to Collection				
	Carried to Summary Block 4: Kitchen and Store Room: 6.2- Earthworks				

Item	Description		Unit	Qty	Rate	Amount
	Carried to Summary Block 4: Kitchen and Store Room: 6.2- Earthworks Main Collection		Page			
		Brought forward	99			
	Carried to Summary Block 4: Kitchen and Store Room: 6.2- Earthworks	arried to Summary				

Item	Description	Unit	Qty	Rate	Amount
6.3	CONCRETE, FORMWORK AND REINFORCEMENT				
	Reinforced Concrete				
	25Mpa/19mm concrete				
6.3.1	Concrete to V-drain cast in panels, laid to fall in 1:200, with control joints filled with polysulphide sealant, every 3000mm centres	m ³	2		
6.3.2	Concrete aprons cast in panels, laid to fall in 1:200, with control joints filled with polysulphide sealant, every 3000mm centres	m ³	2		
	TEST BLOCKS				
6.3.3	Making and testing of three 150 x 150 x 150mm concrete strength test cubes	No	2		
	CONCRETE SUNDRIES				
	Finishing top surfaces of concrete to a Class U2 wood float finish				
6.3.4	Surface beds, slabs, etc	m ²	23		
	Rough formwork to sides				
6.3.5	To sides not exceeding 300mm	m ²	1		
	MOVEMENT JOINTS ETC				
	Expansion joints with softboard between vertical concrete surfaces				
6.3.6	15mm Joints not exceeding 300mm high or wide	m	8		
	Expansion joints with bitumen-impregnated softboard between vertical concrete and brickwork surfaces				
6.3.7	10mm Isolation Joints not exceeding 300mm high or wide	m	15		
	Saw cut joints				
6.3.8	50 x 3mm Saw cut joints in top of concrete	m	8		
	Fabric reinforcement				
6.3.9	Type 193 fabric reinforcement in concrete surface beds, slabs, etc.	m ²	23		
	Carried to Collection				
	Carried to Summary				
	Block 4: Kitchen and Store Room: 6.3 - Concrete, Formwork and Reinforcement				

n	Description	Unit	Qty	Rate	Amount
	Carried to Summary Block 4: Kitchen and Store Room: 6.3 - Concrete, Formwork and				
	Reinforcement				
	Main Collection	Page			
	Brought for	rward 101			
	Carried to Sum	ımary			
	Carried to Summary				

Item	Description	Unit	Qty	Rate	Amount
6.4	MASONRY				
	SUPERSTRUCTURE				
	Brickwork of NFP bricks in class II mortar including galvanised crimp wire wall ties (7 per m ² laid staggered)				
6.4.1	Half brick walls in beamfilling	m ²	2		
	Galvanised hoop iron cramps, ties, etc				
6.4.2	30 x 1,6mm Cramp 500mm long with one end fixed to wood and other end built into brickwork	No	10		
	Carried to Collection Carried to Summary Block 4: Kitchen and Store Room: 6.4 - Masonry				

Item	Description	Unit	Qty	Rate	Amount
	Carried to Summary Block 4: Kitchen and Store Room: 6.4 - Masonry Main Collection	Page			
	Brought forward	103			
	Carried to Summary Carried to Summary Block 4: Kitchen and Store Room: 6.4 - Masonry				

Item	Description	Unit	Qty	Rate	Amount
6.5	ROOF COVERINGS ETC				
	ROOF SHEETING AND ACCESSORIES				
	Saflock 700 AZ150 G550 interlocking roof sheeting with Z275 to both sides, on sisalation, fixed to timber intermediate purlins (purlins as per manufacturer's spec, taking into account windloads) secured with saflok 700 clips screw fixed to purlins as per manufacturer's recommendations and specifications.				
6.5.1	Roof covering with pitch not exceeding 25 degrees, in transportable lengths not exceeding 20m. The description includes all related items.	m^2	32		
6.5.2	AG 150 G550 ridge capping with broad flute closures to suit roof profile with prepainted factory finish.	m	5		
6.5.3	Narrow and broad flute closers	m	5		
6.5.4	Moulded narrow and broad rib polyethylene filler blocks	m	5		
	ROOF AND WALL INSULATION				
	Sisalation 420 or equal and approved heavy industrial grade aluminium foil based insulation				
6.5.5	Insulation laid taut over purlins (at approximately 1,80m centres) and fixed concurrent with roof covering, including taped laps and nylon straining wires	m^2	32		
	Carried to Collection SECTION 6				
1	Block 4: Kitchen and Store Room: 6.5 -Roof Coverings				

Item	Description	Unit	Qty	Rate	Amount
	SECTION 6 Block 4: Kitchen and Store Room: 6.5 -Roof Coverings Main Collection	Page			
	Brought forwa				
	Carried to Summa	ту			
	SECTION 6 Block 4: Kitchen and Store Room: 6.5 -Roof Coverings				

Item	Description	Unit	Qty	Rate	Amount
6.6	CARPENTRY AND JOINERY				
	Sawn softwood				
6.6.1	38 x 114mm Wall plates	m	9		
6.6.2	50 x 76mm Purlins not exceeding 6.6 m in length, to manufacturer's specification	m	30		
	Sundries				
6.6.3	Two coats ABE Provinite on wrought timbers	m²	6		
6.6.4	Teco two way hurricane clips secured to purlins and trusses at every intersection externally and internally galvanised wire is to be used	No	28		
	PREFABRICATED TIMBER ROOF TRUSSES, ETC				
6.6.5	Double pitched prefabricated plate nailed roof truss spanning approximately 3100mm and 1689mm high, truss to be hoisted and fixed approximately 3m above ground level as per manufacture's details. The description includes all related items	No	5		
	EAVES, VERGES, ETC				
	Everite medium density plain nutec-cement				
6.6.6	12 x 225mm Medium density fibre-cement fascia boards (Product No.041-202) with aluminium H-profile fascia joiners (Product No. 685-195), drill for and fix with hot-dip galvanised drive screws and washers	m	9		
66.7	80 x 200mm Socketless barge boards (Product No.721-800) with aluminium H-profile barge board joiners (Product No. 685-187), drill for and fix with hot-dip galvanised screws and washers	m	8		
	DOORS, ETC				
	Wrought meranti doors hung to steel frame, etc				
6.6.8	44mm Framed batten door 813 x 2032m high, as per Architect's Specification	No	2		
	Carried to Collection SECTION 6				
	Block 4: Kitchen and Store Room: 6.6 - Carpentry and Joinery				

Item	Description	Unit	Qty	Rate	Amount
	SECTION 6 Block 4: Kitchen and Store Room: 6.6 - Carpentry and Joinery Main Collection	Page			
	Brought forward				
	Carried to Summary SECTION 6				
İ	Block 4: Kitchen and Store Room: 6.6 - Carpentry and Joinery			1	1

Item	Description	Unit	Qty	Rate	Amount
6.7	CEILINGS, PARTITIONS AND ACCESS FLOORING				
	Glasswool insulation				
6.7.1	76mm Insulation blanket closely fitted and laid on top of brandering between roof timbers, etc	m²	14		
	NAILED UP CEILINGS				
	6,4mm "Rhino" gypsum plasterboard with H-type pressed steel jointing strips				
6.7.2	Horizontal ceilings, including 38 x 38mm sawn softwood brandering at maximum 400mm centres in one direction only to trusses (elsewhere measured).	m ²	14		
6.7.3	Extra over ceiling for 900 x 900mm trap door of 6mm wrought softwood rebated framing with one 50 x 50mm sawn softwood cross brander covered with ceiling board and fitted flush in opening	No	1		
	DECORATIVE MOULDINGS AND CORNICES				
6.7.4	75mm Coved cornices	m	22		
	Carried to Collection SECTION 6				
	Block 4: Kitchen and Store Room: 6.7 - Ceilings, Partitions and Access Flooring				

1	Description	Unit	Qty	Rate	Amour
	SECTION 6				
	Block 4: Kitchen and Store Room: 6.7 - Ceilings, Partitions and Access Flooring Main Collection				
		Page			
	Brought for	ward 109			
	Carried to Sum	mary			
	SECTION 6 Block 4: Kitchen and Store Room: 6.7 - Ceilings, Partitions and Access Floor		1		

Item	Description	Unit	Qty	Rate	Amount
6.8	IRONMONGERY				
	HINGES, BOLTS, ETC				
6.8.1	Three lever mortice lockset and satin chrome plated handles Solid Art 390/313	No	2		
6.8.2	Stays, latches, handles, hinges, etc to existing window frames	No	2		
	LETTERS, NAMEPLATES, ETC				
	200 x 30mm High signs with 15mm high letters and numerals fixed with two self-tapping screws to steel and reading as follows:-				
6.8.3	50mm High plastic letter or numeral	No	2		
6.8.4	38mm Diameter rubber door stop plugged and screwed to floor with a 50mm long brass screw	No	2		
	Carried to Collection				
	SECTION 6 Block 4: Kitchen and Store Room: 6.8 - Ironmongery				

Item	Description		Unit	Qty	Rate	Amount
	SECTION 6 Block 4: Kitchen and Store Room: 6.8 - Ironmongery Main Collection		Page			
		Brought forward	111			
	Car	ried to Summary				
	SECTION 6 Block 4: Kitchen and Store Room: 6.8 - Ironmongery	neu to Guillilary				

Item	Description	Unit	Qty	Rate	Amount
6.9	PLASTERING				
	SCREEDS				
	Screeds on concrete				
6.9.1	23mm Thick on floors and landings	m ²	14		
	INTERNAL PLASTER				
	Cement plaster on brickwork				
6.9.2	On walls in patches and repairing cracks	m ²	42		
	EXTERNAL PLASTER				
	Cement plaster on brickwork				
6.9.3	On walls in patches and repairing cracks	m ²	37		
	SPECIALIST FLOOR AND WALL COATINGS				
	Prime surfaces and apply two coats 'Flowcrete Flowcoat Quartz' or other approved non-slip self levelling epoxy floor finish with anti-microbial additive having finished thickness of 3mm on				
	The rate to include for :				
	- All specialist plant, labour and materials for executing the works under this item				
	 Preparation of the surface by means of diamond grinding Priming the surface with Abecote Primer at 4m² per litre Application of Abecote 400 Hi-Build epoxy resin at 2mm with a non-slip finish using notched trowels Re-cutting and sealing expansion joints 				
6.9.4	Granolithic paved floors and skirtings	m ²	14		
	Carried to Collection				
	SECTION 6 Block 4: Kitchen and Store Room: 6.9 - Plastering				

Item	Description	Unit	Qty	Rate	Amount
	SECTION 6 Block 4: Kitchen and Store Room: 6.9 - Plastering Main Collection	Page			
	Brought forward	113			
	Carried to Summary SECTION 6 Block 4: Kitchen and Store Room: 6.9 - Plastering				

Item	Description	Unit	Qty	Rate	Amount
6.10	PLUMBING AND DRAINAGE				
	RAINWATER DISPOSAL				
	Seamless Aluminium				
6.10.1	155 x 100 x 115mm ogee gutter with baked enamel finish fixed with concealed brackets (all to supplies spec).	m	9		
6.10.2	100 x 75 mm fluted downpipes with baked enamel finish as per supplier's details	m	5		
6.10.4 6.10.5	Extra for angle Extra for stop end Extra for outlet for 100mm pipe Extra for eaves or plinth offset	No No No No	2 2 2 2		
	FIRE APPLIANCES ETC				
	Chubb				
6.10.7	4,5kg Carbon dioxide fire extinguisher	No	1		
	TANKS				
	JoJo Polyproline water tank				
6.10.8	5000 litre Polyproline water tank with 35mm diameter inlet at top and 50mm overflow outlet and 25mm outlet at base of tank including access hatch on top fitted with vermin-proof vent, and including 1.6 x 50mm galvanised hoop iron or other approved holding down material secured around pedestal complete including pedestal, including concrete, brickwork for stand as per engineer's or Architect's drawings.	No	1		
	Carried to Collection				
	SECTION 6 Block 4: Kitchen and Store Room: 6.10 - Plumbing and Drainage				

Item	Description	Unit	Qty	Rate	Amount
	SECTION 6 Block 4: Kitchen and Store Room: 6.10 - Plumbing and Drainage Main Collection	Page			
	Brought forwar				
	Carried to Summar	v			
	SECTION 6 Block 4: Kitchen and Store Room: 6.10 - Plumbing and Drainage				

Item	Description	Unit	Qty	Rate	Amount
6.11	GLAZING				
	GLAZING TO STEEL WITH PUTTY				
	4mm Anodised				
6.11.1	Panes exceeding 0,5m² and not exceeding 2m²	m ²	2		
	Carried to Collection				
	SECTION 6 Block 4: Kitchen and Store Room: 6.11 - Glazing				

Item	Description		Unit	Qty	Rate	Amount
	SECTION 6 Block 4: Kitchen and Store Room: 6.11 - Glazing Main Collection		Page			
	Brought	forward	117			
	Carried to S SECTION 6 Block 4: Kitchen and Store Room: 6.11 - Glazing	ummary				

Item	Description	Unit	Qty	Rate	Amount
6.12	PAINTWORK				
	Prepare and apply one coat primer and two coats 'WALL N' ALL' emulsion paint (colour to be approved by the Department of Education) on				
6.12.1	Internal walls including gypsum coat where necessary	m^2	42		
6.12.2	Narrow widths	m^2	1		
6.12.3	Internal ceilings	m^2	14		
	Prepare and apply one coat primer and two coats 'WALL N' ALL' emulsion paint (colour to be approved by the Department of Education) on				
6.12.4	External walls including gypsum coat where necessary	m^2	37		
6.12.5	In narrow widths	m^2	1		
	Prepare and apply one coat primer and two coats PVC emulsion paint (colour to be approved by the Department of Education) on				
6.12.6	Fascias and barge boards	m	24		
	Sanding and Spot priming defects in pre-primed surfaces with zinc phosphate metal primer, one coat universal undercoat and two coats super universal enamel paint on steel				
6.12.7	Door frames	m^2	4		
6.12.8	Windows	m^2	2		
	Prepare and apply one coat calcium plumbate primer, one coat undercoat and one coat gloss enamel paint				
6.12.9	Doors	m^2	9		
6.12.10	Cornices, etc not exceeding 300mm girth	m	21		
	One coat oil wood primer, one coat universal undercoat and two coats varnish on				
6.12.11	Skirtings, rails, etc not exceeding 300mm girth	m	21		
	Carried to Collection				
	SECTION 6 Block 4: Kitchen and Store Room: 6.12 - Painting				

Item	Description	Unit	Qty	Rate	Amount
	SECTION 6 Block 4: Kitchen and Store Room: 6.12 - Painting Main Collection	Page			
	Brought forwar	d 119			
	Carried to Summar SECTION 6	у			
	Block 4: Kitchen and Store Room: 6.12 - Painting	1			

Item	Description	Unit	Qty	Rate	Amount
	SECTION 6 Block 4: Kitchen and Store Room Summary	Page			
1	Alterations	98			
2	Earthworks	100			
3	Concrete, Formwork and Reinforcement	102			
4	Masonry	104			
5	Roof Coverings	106			
6	Carpentry and Joinery	108			
7	Ceilings, Partitions and Access Flooring	110			
8	Ironmongery	112			
9	Plastering	114			
10	Plumbing and Drainage	116			
11	Glazing	118			
12	Paintwork	120			
	Carried to Final Summary				
	SECTION 6 Block 4: Kitchen and Store Room				

Item	Description	Unit	Qty	Rate	Amount
	SECTION 7				
	ABLUTION BLOCK 3 (2 Male)				
7.1	ALTERATIONS				
	REMOVAL OF EXISTING WORK				
	Taking out and removing doors, windows, etc from brickwork and making good surfaces to receive new				
7.1.1	Timber door 813 x 2032mm high	No	2		
	Taking out and removing joinery fittings etc and making good to surfaces to receive new.				
	Fascia boards	m	9		
7.1.3 7.1.4	Barge boards. Roof gutters	m m	7 9		
7.1.5	Downpipes	m	5		
	Taking out and removing ironmongery				
7.1.7 7.1.8	Mortice lock and striking plate from timber door and steel frame Stays, latches, handles, etc from window steel frame	No No	2 2		
	PREPARATORY WORK TO EXISTING SURFACES				
7.1.9	Chipping of screed in floors to receive new screed.	m ²	14		
7.1.10 7.1.11	Cleaning internal walls to receive paint. Cleaning external walls to receive paint.	m ² m ²	55 39		
	Cleaning and removing broken glazing, putty and paint to window frames	m ²	2		
	Disconnecting and removing sanitary fittings				
7.1.13	Remove existing plastic toilet pans and cart away to dumping site located by the contractor	No	2		
	Carried to Collection SECTION 7				
	Ablution Block 3: 7.1 - Alterations				

Item	Description	Unit	Qty	Rate	Amount
	SECTION 7 Ablution Block 3: 7.1 - Alterations Main Collection Brought forw	Page ard 122			
	Carried to Summ SECTION 7 Ablution Block 3: 7.1 - Alterations	ary			

Item	Description	Unit	Qty	Rate	Amount
7.2	ROOF COVERINGS ETC				
	ROOF SHEETING AND ACCESSORIES				
	Saflock 700 AZ150 G550 interlocking roof sheeting with Z275 to both sides, on sisalation, fixed to timber intermediate purlins (purlins as per manufacturer's spec, taking into account windloads) secured with saflok 700 clips screw fixed to purlins as per manufacturer's recommendations and specifications.				
7.2.1	Roof covering with pitch not exceeding 25 degrees, in transportable lengths not exceeding 20m. The description includes all related items.	m²	8		
7.2.2	AG 150 G550 ridge capping with broad flute closures to suit roof profile with prepainted factory finish.	m	5		
7.2.3	Narrow and broad flute closers	m	5		
7.2.4	Moulded narrow and broad rib polyethylene filler blocks	m	5		
	ROOF AND WALL INSULATION				
	Sisalation 420 or equal and approved heavy industrial grade aluminium foil based insulation				
7.2.5	Insulation laid taut over purlins (at approximately 1,80m centres) and fixed concurrent with roof covering, including taped laps and nylon straining wires	m^2	8		
	Carried to Collection SECTION 7				
	Ablution Block 3: 7.2 - Roof Coverings				

Item	Description	Unit	Qty	Rate	Amount
	SECTION 7 Ablution Block 3: 7.2 - Roof Coverings Main Collection	Page			
	Brought forwa	rd 124			
	Carried to Summa SECTION 7 Ablution Block 3: 7.2 - Roof Coverings	ry			

Item	Description	Unit	Qty	Rate	Amount
7.3	CARPENTRY AND JOINERY				
	Sawn softwood				
7.3.1	38 x 114mm Wall plates	m	9		
7.3.2	50 x 76mm Purlins not exceeding 6.6 m in length, to manufacturer's specification	m	18		
	Sundries				
7.3.3	Two coats ABE Provinite on wrought timbers	m²	10		
7.3.4	Teco two way hurricane clips secured to purlins and trusses at every intersection externally and internally galvanised wire is to be used	No	20		
	PREFABRICATED TIMBER ROOF TRUSSES, ETC				
7.3.5	Double pitched prefabricated plate nailed roof truss spanning approximately 8800mm and 1689mm high, truss to be hoisted and fixed approximately 3m above ground level as per manufacture's details. The description includes all related items	No	5		
	EAVES, VERGES, ETC				
	Everite medium density plain nutec-cement				
7.3.6	12 x 225mm Medium density fibre-cement fascia boards (Product No.041-202) with aluminium H-profile fascia joiners (Product No. 685-195), drill for and fix with hot-dip galvanised drive screws and washers	m	9		
7.3.7	80 x 200mm Socketless barge boards (Product No.721-800) with aluminium H-profile barge board joiners (Product No. 685-187), drill for and fix with hot-dip galvanised screws and washers	m	4		
	SKIRTINGS				
	Wrought meranti				
7.3.8	19 x 75mm Skirtings including 19mm quadrant bead plugged	m	22		
	DOORS, ETC				
	Wrought meranti doors hung to steel frame, etc				
7.3.9	44mm Framed batten door 813 x 2032m high, as per Architect's Specification	No	2		
	Carried to Collection SECTION 7				
	Ablution Block 3: 7.3 - Carpentry and Joinery				

Item	Description	Unit	Qty	Rate	Amount
	SECTION 7 Ablution Block 3: 7.3 - Carpentry and Joinery Main Collection	Page			
	Brought forwa	rd 126			
	Carried to Summa SECTION 7 Ablution Block 3: 7.3 - Carpentry and Joinery	ary			

Item	Description	Unit	Qty	Rate	Amount
7.4	IRONMONGERY				
	HINGES, BOLTS, ETC				
7.4.1	Three lever mortice lockset and satin chrome plated handles Solid Art 390/313	No	2		
7.4.2	Stays, latches, handles, hinges, etc to existing window frames	No	2		
	LETTERS, NAMEPLATES, ETC				
	200 x 30mm High signs with 15mm high letters and numerals fixed with two self-tapping screws to steel and reading as follows:-				
7.4.3	50mm High plastic letter or numeral	No	2		
	BATHROOM FITTINGS				
	Stainless steel				
7.4.4	Vandal proof toilet roll holder size 200mm long with two returned ends each 85mm long fitted with 30mm diameter removable roller pin plugged and screwed to brickwall	No	2		
	LETTERS, NAMEPLATES, ETC				
	4mm Perspex signs painted white on back with letters and numerals reverse engraved and painted black				
	200 x 30mm High signs with 15mm high letters and numerals fixed with two self-tapping screws to steel and reading as follows:-				
7.4.5	Male symbol	No	2		
	Carried to Collection SECTION 7 Abbution Plack 2: 7.4 Japaneses				
I	Ablution Block 3: 7.4 - Ironmongery]	ıı l

Item	Description	Unit	Qty	Rate	Amount
	SECTION 7 Ablution Block 3: 7.4 - Ironmongery Main Collection	Page			
	Brought forward	d 128			
	Carried to Summa SECTION 7 Ablution Block 3: 7.4 - Ironmongery	ТУ			

Item	Description	Unit	Qty	Rate	Amount
7.5	PLASTERING				
	SCREEDS				
	Screeds on concrete				
7.5.1	30mm Paving on floors stippled to form an approved non-slip finish	m^2	14		
7.5.2	20mm Skirting 75mm high against walls with fair edge and arris to top edge and cove at junction with paving	m	21		
	INTERNAL PLASTER				
	Cement plaster on brickwork				
7.5.3	On walls in patches and repairing cracks	m^2	55		
7.5.4	On narrow widths	m^2	7		
	EXTERNAL PLASTER				
	Cement plaster on brickwork				
7.5.5	On walls in patches and repairing cracks	m^2	39		
7.5.6	On narrow widths	m^2	9		
	SPECIALIST FLOOR AND WALL COATINGS				
	Prime surfaces and apply two coats 'Flowcrete Flowcoat Quartz' or other approved non-slip self levelling epoxy floor finish with anti-microbial additive having finished thickness of 3mm on				
	The rate to include for :				
	- All specialist plant, labour and materials for executing the works under this item				
	 Preparation of the surface by means of diamond grinding Priming the surface with Abecote Primer at 4m² per litre Application of Abecote 400 Hi-Build epoxy resin at 2mm with a non-slip finish using notched trowels Re-cutting and sealing expansion joints 				
7.5.6	Granolithic paved floors and skirtings	m^2	14		
	Carried to Collection SECTION 7				
	Ablution Block 3: 7.5 -Plastering				

Item	Description	Unit	Qty	Rate	Amount
	SECTION 7 Ablution Block 3: 7.5 -Plastering Main Collection Brought fo	Page			
	Brought to	ilwaiu 130			
	Carried to Sum	nmary			
	Ablution Block 3: 7.5 -Plastering				

Item	Description	Unit	Qty	Rate	Amount
7.6	PLUMBING AND DRAINAGE				
	RAINWATER DISPOSAL				
	Seamless Aluminium				
7.6.1	155 x 100 x 115mm ogee gutter with baked enamel finish fixed with concealed brackets (all to supplies spec).	m	9		
7.6.2	100 x 75 mm fluted downpipes with baked enamel finish as per supplier's details	m	5		
7.6.3	Extra for angle	No	2		
7.6.4	Extra for stop end	No	2		
7.6.5	Extra for outlet for 100mm pipe	No	2		
7.6.6	Extra for eaves or plinth offset	No	2		
	FIRE APPLIANCES ETC				
7.6.7	4,5kg Carbon dioxide fire extinguisher	No	1		
	SANITARY FITTINGS				
	Vaal' or other approved				
7.6.8	VIP pedestal with intgrated flange bolted over opening in precast slab	No	2		
7.6.9	Wash hand basin size 520 x 432 x 150mm deep	No	1		
	Vent Pipe				
7.6.10	Vent pipe as per Architect's Specification,including forming opening through the concrete slab.	No	2		
	Sanitary fittings Sundries				
7.6.11	450 x 600mm mirror	No	1		
7.6.12	Soap dish	No	1		
	TRAPS etc				
	Butyl rubber				
7.6.13	$32x40\text{mm}$ $^{\prime}$ P or S $^{\prime}$ trap jointed to waste outlet fittings and uPVC pipes including clamps, etc	No	2		
	TANKS				
	JoJo Polyproline water tank				
7.6.14	5000 litre Polyproline water tank with 35mm diameter inlet at top and 50mm overflow outlet and 25mm outlet at base of tank including access hatch on top fitted with vermin-proof vent, and including 1.6 x 50mm galvanised hoop iron or other approved holding down material secured around pedestal complete including pedestal, including concrete, brickwork for stand as per engineer's or Architect's drawings.	No	1		
	Consider to Collection				
	Carried to Collection SECTION 7				
	Ablution Block 3: 7.6 - Plumbing and Drainage		I		

Item	Description	Unit	Qty	Rate	Amount
	SECTION 7 Ablution Block 3: 7.6 - Plumbing and Drainage Main Collection	Page			
	Brought forward	ard 132			
	Carried to Summa SECTION 7 Ablution Block 3: 7.6 - Plumbing and Drainage	ary			

7.7 GLAZING	
GLAZING TO STEEL WITH PUTTY	
4mm Anodised	
7.7.1 Panes exceeding 0,5m² and not exceeding 2m² 1	
Carried to Collection	
SECTION 7 Ablution Block 3: 7.7 - Glazing	

Item		Description	Unit	Qty	Rate	Amount
	SECTION 7 Ablution Block 3: 7.7 - Glazing Main Collection	Brought forwar	Page			
		D.oughi lollida				
	SECTION 7	Carried to Summar	у			
	Ablution Block 3: 7.7 - Glazing					

Item	Description	Unit	Qty	Rate	Amount
7.8	PAINTWORK				
	Prepare and apply one coat primer and two coats 'WALL N' ALL' emulsion paint (colour to be approved by the Department of Education) on				
7.8.1	Internal walls including gypsum coat where necessary	m^2	55		
7.8.2	In narrow widths	m^2	7		
	Prepare and apply one coat primer and two coats 'WALL N' ALL' emulsion paint (colour to be approved by the Department of Education) on				
7.8.3	External walls including gypsum coat where necessary	m^2	39		
7.8.4	In narrow widths	m^2	9		
	Prepare and apply one coat primer and two coats PVC emulsion paint (colour to be approved by the Department of Education) on				
7.8.5	Fascias and barge boards	m	13		
	Sanding and Spot priming defects in pre-primed surfaces with zinc phosphate metal primer, one coat universal undercoat and two coats super universal enamel paint on steel				
7.8.6	Door frames	m^2	2		
7.8.7	Windows	m^2	1		
	Prepare and apply one coat calcium plumbate primer, one coat undercoat and one coat gloss enamel paint				
7.8.8	Doors	m^2	12		
7.8.9	Cornices, etc not exceeding 300mm girth	m	117		
	Carried to Collection SECTION 7				
	Ablution Block 3: 7.8 - Painting				

Item		Description	Unit	Qty	Rate	Amount
	SECTION 7 Ablution Block 3: 7.8 - Painting Main Collection	Brought forward	Page 136			
		Blought lolward	130			
	SECTION 7 Ablution Block 3: 7.8 - Painting	Carried to Summary				

Item	Description	Unit	Qty	Rate	Amount
	SECTION 7 Ablution Block 3 Summary	Page			
1	Alterations	123			
2	Roof Coverings	125			
3	Carpentry and Joinery	127			
4	Ironmongery	129			
5	Plastering	131			
6	Plumbing and Drainage	133			
7	Glazing	135			
8	Paintwork	137			
	Carried to Final Summary SECTION 7				
	Ablution Block 3				

Item	Description	Unit	Qty	Rate	Amount
	SECTION 8				
	ABLUTION BLOCK 4 (4 Male)				
8.1	ALTERATIONS				
	REMOVAL OF EXISTING WORK				
	Taking out and removing doors, windows, etc from brickwork and making good surfaces to receive new				
8.1.1	Timber door 813 x 2032mm high	No	4		
	Taking out and removing joinery fittings etc and making good to surfaces to receive new.				
8.1.2	Fascia boards	m	10		
	Barge boards. Roof gutters	m m	6 10		
8.1.5	Downpipes	m	5		
	Taking out and removing ironmongery				
8.1.7 8.1.8	Mortice lock and striking plate from timber door and steel frame Stays, latches, handles, etc from window steel frame	No No	4 4		
	PREPARATORY WORK TO EXISTING SURFACES				
8.1.9	Chipping of screed in floors to receive new screed.	m^2	11		
8.1.10	Cleaning internal walls to receive paint.	m ²	48		
8.1.11 8.1.12	Cleaning external walls to receive paint. Cleaning and removing broken glazing, putty and paint to window frames	m² m²	37 2		
	Disconnecting and removing sanitary fittings				
0.4.40	Remove existing plastic toilet pans and cart away to dumping site located by the				
8.1.13	contractor	No	4		
	Carried to Collection SECTION 8				
	Ablution Block 4: 8.1 - Alterations				

Item	Description	Un	it Qty	Rate	Amount
	SECTION 8 Ablution Block 4: 8.1 - Alterations Main Collection Brou	Paç ght forward 13:			
	SECTION 8	o Summary			
	Ablution Block 4: 8.1 - Alterations				

Item	Description	Unit	Qty	Rate	Amount
8.2	ROOF COVERINGS ETC				
	ROOF SHEETING AND ACCESSORIES				
	Saflock 700 AZ150 G550 interlocking roof sheeting with Z275 to both sides, on sisalation, fixed to timber intermediate purlins (purlins as per manufacturer's spec, taking into account windloads) secured with saflok 700 clips screw fixed to purlins as per manufacturer's recommendations and specifications.				
8.2.1	Roof covering with pitch not exceeding 25 degrees, in transportable lengths not exceeding 20m. The description includes all related items.	m²	8		
8.2.2	AG 150 G550 ridge capping with broad flute closures to suit roof profile with prepainted factory finish.	m	5		
8.2.3	Narrow and broad flute closers	m	5		
8.2.4	Moulded narrow and broad rib polyethylene filler blocks	m	5		
	ROOF AND WALL INSULATION				
	Sisalation 420 or equal and approved heavy industrial grade aluminium foil based insulation				
8.2.5	Insulation laid taut over purlins (at approximately 1,80m centres) and fixed concurrent with roof covering, including taped laps and nylon straining wires	m²	8		
	Carried to Collection SECTION 8				
	Ablution Block 4: 8.2 - Roof Coverings				

Item	Description	Unit	Qty	Rate	Amount
	SECTION 8 Ablution Block 4: 8.2 - Roof Coverings Main Collection	Page			
	Brought forwa	rd 141			
	Carried to Summa	ry			
	SECTION 8 Ablution Block 4: 8.2 - Roof Coverings]

Item	Description	Unit	Qty	Rate	Amount
8.3	CARPENTRY AND JOINERY				
	Sawn softwood				
8.3.1	38 x 114mm Wall plates	m	10		
8.3.2	50 x 76mm Purlins not exceeding 6.6 m in length, to manufacturer's specification	m	19		
	Sundries				
8.3.3	Two coats ABE Provinite on wrought timbers	m^2	22		
8.3.4	Teco two way hurricane clips secured to purlins and trusses at every intersection externally and internally galvanised wire is to be used	No	20		
	PREFABRICATED TIMBER ROOF TRUSSES, ETC				
8.3.5	Double pitched prefabricated plate nailed roof truss spanning approximately 8800mm and 1689mm high, truss to be hoisted and fixed approximately 3m above ground level as per manufacture's details. The description includes all related items	No	5		
	EAVES, VERGES, ETC				
	Everite medium density plain nutec-cement				
8.3.6	12 x 225mm Medium density fibre-cement fascia boards (Product No.041-202) with aluminium H-profile fascia joiners (Product No. 685-195), drill for and fix with hot-dip galvanised drive screws and washers	m	10		
8.3.7	80 x 200mm Socketless barge boards (Product No.721-800) with aluminium H-profile barge board joiners (Product No. 685-187), drill for and fix with hot-dip galvanised screws and washers	m	7		
	SKIRTINGS				
	Wrought meranti				
8.3.8	19 x 75mm Skirtings including 19mm quadrant bead plugged	m	19		
	DOORS, ETC				
	Wrought meranti doors hung to steel frame, etc				
8.3.9	44mm Framed batten door 813 x 2032m high, as per Architect's Specification	No	2		
	Carried to Collection SECTION 8				
	Ablution Block 4: 8.3 - Carpentry and Joinery				

Item	Description	Unit	Qty	Rate	Amount
	SECTION 8 Ablution Block 4: 8.3 - Carpentry and Joinery Main Collection	Page			
	Brought forward	ard 143			
		201			
	Carried to Summa SECTION 8 Ablution Block 4: 8.3 - Carpentry and Joinery	ary			

Item	Description	Unit	Qty	Rate	Amount
8.4	IRONMONGERY				
	HINGES, BOLTS, ETC				
8.4.1	Three lever mortice lockset and satin chrome plated handles Solid Art 390/313	No	4		
8.4.2	Stays, latches, handles, hinges, etc to existing window frames	No	4		
	LETTERS, NAMEPLATES, ETC				
	200 x 30mm High signs with 15mm high letters and numerals fixed with two self-tapping screws to steel and reading as follows:-				
8.4.3	50mm High plastic letter or numeral	No	4		
	BATHROOM FITTINGS				
	Stainless steel				
8.4.4	Vandal proof toilet roll holder size 200mm long with two returned ends each 85mm long fitted with 30mm diameter removable roller pin plugged and screwed to brickwall	No	4		
	LETTERS, NAMEPLATES, ETC				
	4mm Perspex signs painted white on back with letters and numerals reverse engraved and painted black				
	200 x 30mm High signs with 15mm high letters and numerals fixed with two self-tapping screws to steel and reading as follows:-				
8.4.5	Male symbol	No	4		
	Carried to Collection				
	SECTION 8 Ablution Block 4: 8.4 - Ironmongery				

Item	Description	Unit	Qty	Rate	Amount
	SECTION 8 Ablution Block 4: 8.4 - Ironmongery Main Collection Brought forv	Page vard 145			
	Brought forv	varu 145			
	Carried to Sumn	nary			
	SECTION 8 Ablution Block 4: 8.4 - Ironmongery				

Item	Description	Unit	Qty	Rate	Amount
8.5	PLASTERING				
	SCREEDS				
	Screeds on concrete				
8.5.1	30mm Paving on floors stippled to form an approved non-slip finish	m^2	11		
8.5.2	20mm Skirting 75mm high against walls with fair edge and arris to top edge and cove at junction with paving	m	19		
	INTERNAL PLASTER				
	Cement plaster on brickwork				
8.5.3	On walls in patches and repairing cracks	m^2	48		
8.5.4	On narrow widths	m^2	7		
	EXTERNAL PLASTER				
	Cement plaster on brickwork				
8.5.5	On walls in patches and repairing cracks	m^2	37		
8.5.6	On narrow widths	m^2	9		
	SPECIALIST FLOOR AND WALL COATINGS				
	Prime surfaces and apply two coats 'Flowcrete Flowcoat Quartz' or other approved non-slip self levelling epoxy floor finish with anti-microbial additive having finished thickness of 3mm on				
	The rate to include for :				
	- All specialist plant, labour and materials for executing the works under this item				
	 Preparation of the surface by means of diamond grinding Priming the surface with Abecote Primer at 4m² per litre Application of Abecote 400 Hi-Build epoxy resin at 2mm with a non-slip finish using notched trowels Re-cutting and sealing expansion joints 				
8.5.6	Granolithic paved floors and skirtings	m^2	11		
	Carried to Collection				
	SECTION 8 Ablution Block 4: 8.5 -Plastering				

Item	Description	Unit	Qty	Rate	Amount
	SECTION 8 Ablution Block 4: 8.5 -Plastering Main Collection Brought forward	Page			
	Carried to Summary SECTION 8 Ablution Block 4: 8.5 -Plastering	,			

Item	Description	Unit	Qty	Rate	Amount
8.6	PLUMBING AND DRAINAGE				
	RAINWATER DISPOSAL				
	Seamless Aluminium				
8.6.1	155 x 100 x 115mm ogee gutter with baked enamel finish fixed with concealed brackets (all to supplies spec).	m	10		
8.6.2	100 x 75 mm fluted downpipes with baked enamel finish as per supplier's details	m	5		
8.6.3	Extra for angle	No	2		
8.6.4	Extra for stop end	No	2		
8.6.5	Extra for outlet for 100mm pipe	No	2		
8.6.6	Extra for eaves or plinth offset	No	2		
	FIRE APPLIANCES ETC				
8.6.7	4,5kg Carbon dioxide fire extinguisher	No	1		
	SANITARY FITTINGS				
	Vaal' or other approved				
8.6.8	VIP pedestal with intgrated flange bolted over opening in precast slab	No	4		
8.6.9	Wash hand basin size 520 x 432 x 150mm deep	No	2		
	Vent Pipe				
8.6.10	Vent pipe as per Architect's Specification,including forming opening through the concrete slab.	No	4		
	Sanitary fittings Sundries				
8.6.11	450 x 600mm mirror	No	2		
8.6.12	Soap dish	No	2		
	TRAPS etc				
	Butyl rubber				
8.6.13	32 x 40mm ' P or S ' trap jointed to waste outlet fittings and uPVC pipes including clamps, etc	No	2		
	TANKS				
	JoJo Polyproline water tank				
8.6.14	5000 litre Polyproline water tank with 35mm diameter inlet at top and 50mm overflow outlet and 25mm outlet at base of tank including access hatch on top fitted with vermin-proof vent, and including 1.6 x 50mm galvanised hoop iron or other approved holding down material secured around pedestal complete including pedestal, including concrete, brickwork for stand as per engineer's or Architect's drawings.	No	1		
	Carried to Collection				
	SECTION 8 Ablution Block 4: 8.6 - Plumbing and Drainage				

Item	Description	Unit	Qty	Rate	Amount
	SECTION 8 Ablution Block 4: 8.6 - Plumbing and Drainage	Dana			
	Main Collection Brought forward	Page			
	brought forward	149			
	Carried to Summary	/			
	SECTION 8 Ablution Block 4: 8.6 - Plumbing and Drainage				

Item	Description	Unit	Qty	Rate	Amount
8.7	GLAZING				
	GLAZING TO STEEL WITH PUTTY				
	4mm Anodised				
8.7.1	Panes exceeding 0,5m² and not exceeding 2m²	m ²	2		
	Carried to Collection				
	SECTION 8 Ablution Block 4: 8.7 - Glazing				

Item	Description	Unit	Qty	Rate	Amount
	SECTION 8 Ablution Block 4: 8.7 - Glazing Main Collection	Page bught forward 151			
	BIU	ugni ioiwaru 151			
	Carried SECTION 8 Ablution Block 4: 8.7 - Glazing	to Summary			

Item	Description	Unit	Qty	Rate	Amount
8.8	PAINTWORK				
	Prepare and apply one coat primer and two coats 'WALL N' ALL' emulsion paint (colour to be approved by the Department of Education) on				
8.8.1	Internal walls including gypsum coat where necessary	m^2	48		
8.8.2	In narrow widths	m^2	7		
	Prepare and apply one coat primer and two coats 'WALL N' ALL' emulsion paint (colour to be approved by the Department of Education) on				
8.8.3	External walls including gypsum coat where necessary	m^2	37		
8.8.4	In narrow widths	m^2	9		
	Prepare and apply one coat primer and two coats PVC emulsion paint (colour to be approved by the Department of Education) on				
8.8.5	Fascias and barge boards	m	17		
	Sanding and Spot priming defects in pre-primed surfaces with zinc phosphate metal primer, one coat universal undercoat and two coats super universal enamel paint on steel				
8.8.6	Door frames	m^2	3		
8.8.7	Windows	m^2	2		
	Prepare and apply one coat calcium plumbate primer, one coat undercoat and one coat gloss enamel paint				
8.8.8	Doors	m^2	12		
8.8.9	Cornices, etc not exceeding 300mm girth	m	19		
	Carried to Collection SECTION 8				
	Ablution Block 4: 8.8 - Painting				

Item	Description	Unit	Qty	Rate	Amount
	SECTION 8 Ablution Block 4: 8.8 - Painting Main Collection Bro	Page ught forward 153			
	Carried	to Summary			
	SECTION 8 Ablution Block 4: 8.8 - Painting				

Item	Description	Unit	Qty	Rate	Amount
	SECTION 8 Ablution Block 4 Summary	Page			
1	Alterations	140			
2	Roof Coverings	142			
3	Carpentry and Joinery	144			
4	Ironmongery	146			
5	Plastering	148			
6	Plumbing and Drainage	150			
7	Glazing	152			
8	Paintwork	154			
	Carried to Final Summary SECTION 8 Ablution Block 4				

Item	Description	Unit	Qty	Rate	Amount
	SECTION 9				
	NEW ABLUTION BLOCKS A,B AND C				
	A - 4 Boys; B - 4 Girls; C - 2 Male, 1 Female, 1 Disabled				
	Bill No. 1				
9.1	FOUNDATIONS				
	Site clearance				
9.1.1	Digging up and removing rubbish, debris, vegetation, hedges, shrubs and trees not exceeding 200mm girth, bush, etc	m^2	79		
9.1.2	Stripping average 100mm thick layer of top soil and stockpiling on site	m^2	79		
	Stripping average 100mm thick layer of top soil and stockpiling on site				
	REMOVAL OF TREES ETC				
	Taking out and removing, grubbing up roots and filling in holes				
9.1.3	Tree stump exceeding 200mm and not exceeding 500mm girth	No	1		
9.1.4	Tree stump exceeding 500mm and not exceeding 1000mm girth	No	1		
	EXCAVATIONS				
	Excavation in earth not exceeding 2m deep				
9.1.5	Open face excavation to reduce levels	m³	33		
9.1.6 9.1.7	Trenches Tank	m³ m³	16 88		
9.1.8	Trenches for V-drains	m ³	13		
	Excavation in earth not exceeding 2m deep below reduced ground level for				
9.1.9	Trenches	m^3	6		
	WORKING SPACE EXCAVATIONS				
	Back excavation of vertical sides of excavation in earth exceeding 500mm and not exceeding 1,5m deep for working space, including backfilling compacted to 95% Mod AASHTO density				
9.1.10	For placing and removing formwork to walls etc 200mm away from excavated face exceeding 1.5m and not exceeding 3m deep	m^3	33		
	Extra over trench and hole excavations in earth for excavation in:				
	Soft rock	m³	7		
9.1.12	Hard rock	m ³	3		
	Extra over all excavations for carting away				
9.1.13	Surplus material from excavations and/or stock piles on site to a dumping site to be located by the contractor (contractor to make allowance for increase in bulk	m ³	88		
	Carried to Collection				
	SECTION 9 New Ablution Blocks A,B,C: 9.1 - Foundations				

Item	Description	Unit	Qty	Rate	Amount
	Risk of collapse of excavations				
9.1.15	Sides of trench and hole excavations not exceeding 1,5m deep	m^2	59		
9.1.16	Sides of trench and hole excavations exceeding 1,5m deep	m^2	20.00		
	Keeping excavations free of water				
9.1.17	Keeping excavations free of all water other than subterranean water	Item	1		
	FILLING ETC				
	Selected earth filling from the excavations deposited in layers not exceeding 150mm thick after compaction and compacted to a density of 95% Modified AASHTO maximum density				
	Backfilling to trenches, holes, etc				
9.1.18	Earth filling supplied by the contractor, compacted to 95% Mod AASHTO density	m ³	17		
9.1.19	Under floors, steps, pavings, etc	m^3	9		
	Coarse river sand filling compacted to a density of at least 95% Mod. AASHTO density				
9.1.20	Under floors etc	m^3	29		
	Compaction of surfaces				
9.1.21	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 98% Mod AASHTO density	m^2	79		
	Prescribed density tests on filling				
9.1.22	Allow for the execution of all prescribed density tests on filling, etc., as pointed out by the Principal Agent on site	No	6		
	SOIL POISONING				
	Soil insecticide				
	Soil Poisoning: Under floors etc, including forming and poisoning shallow furrows against foundation walls etc, filling in furrows and ramming				
9.1.23	To ground under solid floors	m^2	79		
9.1.24	To bottoms and sides of trenches etc	m^2	51		
	CONCRETE, FORMWORK AND REINFORCEMENT				
	UNREINFORCED CONCRETE CAST AGAINST EXCAVATED SURFACES				
	15MPa/19mm concrete				
9.1.25	Surface blinding under footings and bases	m^3	2		
	REINFORCED CONCRETE CAST AGAINST EXCAVATED SURFACES				
	25MPa/20mm concrete				
9.1.26	25 Mpa: Strip footings	m^3	9		
	SECTION 9 New Ablution Blocks A,B,C: 9.1 - Foundations				

Item	Description	Unit	Qty	Rate	Amount
	TEST BLOCKS				
9.1.27	Making and testing of three 150 x 150 x 150mm concrete strength test cubes	No	6		
	FORMWORK				
	Rough formwork to sides				
9.1.28	Edges of foundation steppings not exceeding 300mm high	m	39		
	REINFORCEMENT (PROVISIONAL) (CPAP Work Group 114)				
	Mild steel reinforcement to structural concrete work				
9.1.29	6mm Diameter bars to foundations, etc.,	t	1		
9.1.30	8mm Diameter bars to foundations, etc.,	t	1		
9.1.31	10mm Diameter bars to foundations, etc.,	t	1		
	High tensile steel reinforcement to structural concrete work				
9.1.32	12mm Diameter bars	t	1		
	BRICKWORK				
	Brickwork of NFX bricks (14 MPa nominal compressive strength) in class 1 mortar including galvanised crimp wire wall ties (7 per m2 laid staggered)				
9.1.33	Half brick walls	m^2	14		
9.1.34	One brick walls	m^2	25		
9.1.35	One brick wall of two skins in stretcher bond (no wire ties)	m^2	19		
	BRICKWORK SUNDRIES				
	Brickwork reinforcement				
9.1.36	110mm Wide reinforcement built in horizontally to every course of brick walls	m	41		
9.1.37	220mm Wide reinforcement built in horizontally ditto	m	127		
	FACE BRICKWORK				
	Corobrik FBA face bricks pointed with recessed horizontal and vertical joints				
9.1.38	Extra over brickwork for face brickwork	m^2	13		
	WATERPROOFING				
	One layer of 1000 micron 'Consol Plastics Hyperlastic Orange' or other approved waterproof sheeting sealed at laps with 'Gunplas Pressure Sensitive Tape'				
9.1.39	Vertically to brick walls	m^2	17		
	Prepare and apply two coats heavy quality bituminous solution in strict accordance with the manufacturers specifications on				
9.1.40	Brick walls inside tank	m^2	79		
	Carried to Collection				
	SECTION 9 New Ablution Blocks A,B,C: 9.1 - Foundations				

Item	Description	Unit	Qty	Rate	Amount
	SECTION 9				
	New Ablution Blocks A,B,C: 9.1 - Foundations Main Collection	Page			
	Brought forward	156			
		157			
		158			
	Carried to Summary SECTION 9 New Ablution Blocks A,B,C: 9.1 - Foundations				

Item	Description	Unit	Qty	Rate	Amount
	Bill No. 2				
9.2	CONCRETE, FORMWORK AND REINFORCEMENT				
	UNREINFORCED CONCRETE CAST AGAINST EXCAVATED SURFACES				
	20Mpa/19mm concrete				
9.2.1	Concrete aprons cast in panels, laid to fall in 1:200, with control joints filled with polysulphide sealant, every 3000mm centres	m^3	2.00		
	REINFORCED CONCRETE CAST AGAINST EXCAVATED SURFACES				
	30MPa/19mm concrete				
9.2.2	Surface bed laid in panels	m^3	13.00		
9.2.3	Topping to hollow block lintels laid in panels	${\sf m}^3$	3.00		
9.2.4	Ramps	m^3	1.00		
9.2.5	Co-polymer colums	m^3	3.00		
	TEST BLOCKS				
9.2.6	Making and testing of three 150 x 150 x 150mm concrete strength test cubes	No	6.00		
	CONCRETE SUNDRIES				
	Finishing top surfaces of concrete to a Class U2 wood float finish				
9.2.7	Surface beds, slabs, etc	m^2	62.00		
9.2.8	Pavings	m^2	56.00		
9.2.9	Ramps to falls	m^2	1.00		
	FORMWORK				
9.2.10	Rough formwork to sides	m	18.00		
9.2.11	Edges, risers, ends and reveals not exceeding 300mm high or wide	m	39.00		
	PERMANENT FORMWORK				
	6mm 'Everite Nutec' or other approved fibre reinforced cement cellulose sheeting, closely butt jointed at sides and ends with all joints covered with and including wire scrim strips, 63mm wide as supplied by the manufacturers of the sheeting in:	2	47.00		
9.2.12	Soffit of slab not exceeding 250mm thick	m ²	17.00		
	Resocrete' or other approved co-polymer concrete column formers				
9.2.13	250mm Diameter co-polymer building column 2125mm high	No	3.00		
	MOVEMENT JOINTS ETC				
	Expansion joints with softboard between vertical concrete surfaces	m	8.00		
9.2.14	15mm Joints not exceeding 300mm high or wide	m	8.00		
	Expansion joints with bitumen-impregnated softboard between vertical concrete and brickwork surfaces	m	20.00		
9.2.15	10mm Isolation Joints not exceeding 300mm high or wide	111	20.00		
	Carried to Collection SECTION 9 New Ablution Blocks A,B,C: 9.2 -Concrete, Formwork and Reinforcement				

Item	Description	Unit	Qty	Rate	Amount
	Saw cut joints				
9.2.16	50 x 3mm Saw cut joints in top of concrete	m	10.00		
	REINFORCEMENT (PROVISIONAL) (CPAP Work Group 114)				
	Mild steel reinforcement to structural concrete work				
9.2.17	10mm Diameter bars	t	1.00		
	8mm Diameter bars	t	1.00		
	High tensile steel reinforcement to structural concrete work				
9.2.19	12mm Diameter bars	t	1.00		
	Fabric reinforcement				
9.2.20	Type 193 fabric reinforcement in concrete surface beds, slabs, etc.,	m^2	63.00		
9.2.21	Type 245 fabric reinforcement in concrete suspende slabs, etc.,	m^2	17.00		
	Carried to Collection SECTION 9				
1	New Ablution Blocks A,B,C: 9.2 -Concrete, Formwork and Reinforcement		I		

Item	Description	Unit	Qty	Rate	Amount
	SECTION 9				
	New Ablution Blocks A,B,C: 9.2 -Concrete, Formwork and Reinforcement				
	Main Collection Brought forward	Page 160			
	biought loiward	161			
	Carried to Summary				
	SECTION 9 New Ablution Blocks A,B,C: 9.2 -Concrete, Formwork and Reinforcement				

Item	Description	Unit	Qty	Rate	Amount
	Bill No. 3				
9.3	PRECAST CONCRETE				
	Kwik-Slab' or other approved pre-stressed hollow concrete lintels size 500 x 200 x 130mm in slab over tank				
9.3.1	Slab not exceeding 170mm thick	m^2	24		
	Sundries				
9.3.2	Extra over precast concrete slab for fair cutting and forming opening for 450 x 450 inspection chambers covers and frames and make good	No	11		
9.3.3	Ditto for pipe not exceeding 50mm diameter ditto	No	3		
9.3.4	Ditto for pipe exceeding 50mm but not exceeding 150mm diameter ditto	No	8		
9.3.5	Ditto for pipe exceeding 150mm but not exceeding 200mm diameter ditto	No	8		
	Joint sealants				
	Stalton or similar and approved prestressed fabricated lintels				
9.3.6	110 x 75mm Lintels in lengths not exceeding 3m.	No	3		
	Carried to Collection SECTION 9				
	New Ablution Blocks A,B,C: 9.3 -Precast Concrete				

Item	Description	Unit	Qty	Rate	Amount
	SECTION 9 New Ablution Blocks A,B,C: 9.3 -Precast Concrete Main Collection	Page			
	Brought forward	163			
	Carried to Summary	,			
	SECTION 9 New Ablution Blocks A,B,C: 9.3 -Precast Concrete				

Item	Description	Unit	Qty	Rate	Amount
	Bill No. 4				
9.4	MASONRY				
	SUPERSTRUCTURE				
	Brickwork of NFP bricks in class II mortar including galvanised crimp wire wall ties (7 per m² laid staggered)				
9.4.1	Half brick walls	m ²	72.00		
9.4.2	Half brick walls in beamfilling	m ²	17.00		
9.4.3	One brick wall of twohalf brick skins in stretcher bond (no wire ties)	m ²	17.00		
9.4.4	One brick wall in stretcher bond above wall plate level inside roof space	m ²	17.00		
9.4.5	One brick wall of two half brick skins in stretcher bond bagged and sealed(no wire ties)	m ²	134.00		
	BRICKWORK SUNDRIES				
	Brickwork reinforcement				
9.4.6	110mm Wide reinforcement built in horizontally	m	257.00		
9.4.7	220mm Wide reinforcement built in horizontally	m	484.00		
	Turning pieces				
9.4.8	150mm Wide turning piece to lintels etc	m	9.00		
	Galvanised hoop iron cramps, ties, etc				
9.4.9	1,2 x 25mm Galvanised iron articulation anchor 665mm girth bent once in centre and built into brickwork at 425mm centres vertically	No	44.00		
9.4.10	2 x 38mm Galvanised hoop iron roof truss anchor 1620mm girth with one end bent around timber roof truss and spiked to timber wall plate and the other end wrapped around and including 10mm diameter mild steel rod 150mm long and built six courses deep into top of brick wall in cement mortar	No	18.00		
	Air bricks etc				
9.4.11	229 x 152mm Terra-cotta vermin proof air brick	No	12.00		
	Turning pieces, etc., (use and waste) including propping, struts, etc.,				
9.4.12	To soffit of flat brick lintel 110mm wide	m	9.00		
9.4.13	To soffit of flat brick lintel 220mm wide	m	9.00		
	FACE BRICKWORK				
	Corobrik FBA face bricks pointed with recessed horizontal and vertical joints				
9.4.14	Extra over brickwork for face brickwork	m ²	134.00		
9.4.15	Extra over brickwork for face brickwork in beamfilling	m ²	17.00		
9.4.16	Extra over brickwork for brick-on-edge header course lintel	m ²	6.00		
	Carried to Collection	1			
	SECTION 9 New Ablution Blocks A,B,C: 9.4 -Masonry				

Item	Description	Unit	Qty	Rate	Amount
	Brick-on-edge header course copings, sills, etc., of Corobrik Firelight Travertine FBX face bricks pointed with recessed joints on all exposed faces				
9.4.17	Lining to soffit of one brick wall over opening and pointing on one face and soffit 110mm wide	m	6.00		
9.4.18	Lining to soffit of one brick wall over opening and pointing on one face and soffit 220mm wide	m	6.00		
9.4.19	220mm wide window sill set sloping and slightly projecting (refer architect's specification	m	6.00		
9.4.20	Fair raking cutting to face brickwork	m	15.00		
9.4.21	Fair cutting and fitting facings around pipe not exceeding 50mm diameter	No	11.00		
	Carried to Collection				
	SECTION 9 New Ablution Blocks A,B,C: 9.4 -Masonry				

Item	Description	Unit	Qty	Rate	Amount
	SECTION 9 New Ablution Blocks A,B,C: 9.4 -Masonry Main Collection Brought forward	Page ward 165			
		166			
	Carried to Sumr SECTION 9	nary			
	New Ablution Blocks A,B,C: 9.4 -Masonry				

Item	Description	Unit	Qty	Rate	Amount
	Bill No. 5				
9.5	WATERPROOFING				
	One layer of 375 micron "Consol Plastics Brikgrip DPC" embossed damp proof course				
9.5.1	In walls	m ²	13.00		
	One layer of 250 micron "Consol Plastics Gunplas USB Green" waterproof sheeting sealed at laps with "Gunplas Pressure Sensitive Tape"				
9.5.2	Under surface beds	m^2	79.00		
	Two coats of "Brixeal" or similar and approved bitumen waterproofing compound:				
9.5.3	On walls	m^2	134.00		
	JOINT SEALANTS ETC				
	Silicone rubber base sealing compound				
9.5.4	In joints between frames and walls	m	12.00		
	Polysulphide sealant including backing cord, bond breaker, primer, etc				
9.5.5	10 x 15mm in expansion joints in floors	m	46.00		
	Carried to Collection				
	SECTION 9 New Ablution Blocks A,B,C: 9.5 -Waterproofing				

Item	Description	Unit	Qty	Rate	Amount
	SECTION 9 New Ablution Blocks A,B,C: 9.5 -Waterproofing Main Collection Brought forward	Page 168			
	Dioagnic lot ward	100			
	Carried to Summary SECTION 9 New Ablution Blocks A,B,C: 9.5 -Waterproofing				

Item	Description	Unit	Qty	Rate	Amount
	Bill No. 6				
9.6	ROOF COVERINGS ETC				
	ROOF SHEETING AND ACCESSORIES				
	Saflock 700 AZ150 G550 interlocking roof sheeting with Z275 to both sides, on sisalation, fixed to timber intermediate purlins (purlins as per manufacturer's spec, taking into account windloads) secured with saflok 700 clips srcrew fixed to purlins as per manufacturer's recommendations and specifications.				
9.6.1	Roof covering with 15 degree pitch, in transportable lengths not exceeding 20m. The description includes all related items.	m²	55.00		
9.6.2	AG 150 G550 ridge capping with broad flute closures to suit proof profile with prepainted factory finish.	m	17.00		
9.6.3	Narrow and broad flute closers	m	17.00		
9.6.4	Moulded narrow and broad rib polyethylene filler blocks	m	17.00		
9.6.5	Fair circular cutting and forming opening in galvanised mild steel roof coverings for pipe exceeding 50mm but not exceeding 150mm diameter including sealing around pipe with an approved waterproofing bitumen membrane and making good	No	11.00		
	ROOF AND WALL INSULATION				
	Sisalation 420 or equal and approved heavy industrial grade aluminium foil based insulation				
9.6.6	Insulation laid taut over purlins (at approximately 1,80m centres) and fixed concurrent with roof covering, including taped laps and nylon straining wires	m^2	55.00		
	Carried to Collection SECTION 9 New Ablution Blocks A,B,C: 9.6 - Roof Coverings				

Item	Description		Unit	Qty	Rate	Amount
	SECTION 9 New Ablution Blocks A,B,C: 9.6 - Roof Coverings Main Collection		Page			
	Brough	t forward	170			
	Carried to S	Summarv				
	SECTION 9 New Ablution Blocks A,B,C: 9.6 - Roof Coverings					

Item	Description	Unit	Qty	Rate	Amount
	Bill No. 7				
9.7	CARPENTRY AND JOINERY				
	Sawn softwood				
9.7.1	38 x 114mm Wall plates	m	33.00		
9.7.2	50 x 76mm Purlins not exceeding 6.6 m in length, tomanufacturer's specification	m	67.00		
9.7.3	38 x 228mm Gangboard (Provisional)	m	8.00		
	Sundries				
9.7.4	Two coats ABE Provinite on wrought timbers	m^2	37.00		
9.7.5	Teco two way hurricane clips secured to purlins and trusses at every intersection externally and internally galvanised wire is to be used	No	72.00		
	PREFABRICATED TIMBER ROOF TRUSSES, ETC				
9.7.6	Double pitched prefabricated plate nailed roof truss. Truss to be hoisted and fixed approximately 4m above ground level as per manufacture's details. The description includes all related items.	No	18.00		
	EAVES, VERGES, ETC				
	Everite medium density plain nutec-cement				
9.7.7	12 x 225mm Medium density fibre-cement fascia boards (Product No.041-202) with aluminium H-profile fascia joiners (Product No. 685-195), drill for and fix with hot-dip galvanised drive screws and washers	m	33.00		
9.7.8	80 x 200mm Socketless barge boards (Product No.721-800) with aluminium H-profile barge board joiners (Product No.685-187), drill for and fix with hot-dip galvanised screws and washers	m	16.00		
	DOORS, ETC				
	Wrought meranti doors hung to steel frame, etc				
	Semi Solid flush panel doors				
9.7.9	44mm Semi Solid flush panel door with hardwood veneer on both sides and two hardwood edge strips hung to steel frames, size 813 x 2032mm high.Refer Architect's Schedule	No	6.00		
9.7.10	44mm Solid flush panel door with hardwood veneer on both sides and two hardwood edge strips hung to steel frames, size 813 x 2032mm high.Refer Architect's Schedule	No	5.00		
9.7.11	44mm Solid flush panel door with hardwood veneer on both sides and two hardwood edge strips hung to steel frames, size 900 x 2032mm high.Refer Architect's Schedule	No	1.00		
	Carried to Collection SECTION 9				
	New Ablution Blocks A,B,C: 9.7 -Carpentry and Joinery				

Item	Description		Unit	Qty	Rate	Amount
	SECTION 9 New Ablution Blocks A,B,C: 9.7 -Carpentry and Joinery Main Collection		Page			
		Brought forward	172			
	SECTION 9	Carried to Summary				
1	New Ablution Blocks A,B,C: 9.7 -Carpentry and Joinery					1

Item	Description	Unit	Qty	Rate	Amount
	Bill No. 8				
9.8	CEILINGS, PARTITIONS AND ACCESS FLOORING				
	Glasswool insulation				
9.8.1	76mm Insulation blanket closely fitted and laid on top of brandering between roof timbers, etc	m²	63.00		
	NAILED UP CEILINGS				
	6,4mm "Rhino" gypsum plasterboard with H-type pressed steel jointing strips				
9.8.2	Horizontal ceilings, including 38 x 38mm sawn softwood brandering at maximum 400mm centres in one direction only to trusses (elsewhere measured).	m²	63.00		
9.8.3	Extra over ceiling for 900 x 900mm trap door of wrought softwood rebated framing with one 50 x 50mm sawn softwood cross brander covered with ceiling board and fitted flush in opening	No	3.00		
	Sundries				
9.8.4	Fair circular cutting and forming opening in plasterboard ceiling for pipe exceeding 50mm but not exceeding 150mm diameter including sealing around pipe with an approved polysulphide sealant and making good	No	11.00		
	DECORATIVE MOULDINGS AND CORNICES				
9.8.5	75mm Coved cornices	m	86		
	Carried to Collection				
	SECTION 9 New Ablution Blocks A,B,C: 9.8 -Ceilings, Partitions and Access Flooring				

Item	Description	Unit	Qty	Rate	Amount
	SECTION 9				
	New Ablution Blocks A,B,C: 9.8 -Ceilings, Partitions and Access Flooring				
	Main Collection Brought forward	Page 174			
	Brought forward	174			
	Carried to Summary				
	SECTION 9 New Ablution Blocks A,B,C: 9.8 -Ceilings, Partitions and Access Flooring				
•	, , , , , , , , , , , , , , , , , , ,	ļ	•		

Item	Description	Unit	Qty	Rate	Amount
	Bill No. 9				
9.9	IRONMONGERY				
	HINGES, BOLTS, ETC				
9.9.1	100mm Galvanised steel loose-pin hinges welded in position as per architect's specification	No	24		
	LOCKS				
	Union or other approved				
9.9.2	Padlock	No	5		
9.9.3	Helping hand indicator bolt	No	1		
	Solid				
	WC indicator bolt with keep tap screwed to pressed steel door frame				
9.9.4	Sundries	No	7		
	38mm Diameter rubber door stop plugged				
	PUSH PLATES AND KICKING PLATES				
9.9.5	Push plates and kicking plates	No	5		
9.9.6	813 x 250 x 1,2mm Thick satin finished stainless steel kick plate screwed to timber door	No	5		
	PARAPLEGIC RAILS				
	Chairman Industries or other equal approved stainless steel				
9.9.7	32mm Outside diameter x 1,6mm thick tubular wall mounted side grab rail 1,06m girth with two 45 degree and two 90 degree formed bends and with each end fitted with 80mm diameter x 5mm thick flange welded on and four times countersunk holed for and plugged and screwed to wall with stainless steel screws.	No	1		
9.9.8	Ditto wall mounted around cistern back grab rail 1,23m girth with two 90 degree formed bends ditto	No	1		
	BATHROOM FITTINGS				
	Stainless steel				
9.9.9	Vandal proof toilet roll holder size 200mm long with two returned ends each 85mm long fitted with 30mm diameter removable roller pin plugged and screwed to brickwall	No	10		
	LETTERS, NAMEPLATES, ETC				
	4mm Perspex signs painted white on back with letters and numerals reverse engraved and painted black				
	200 x 30mm High signs with 15mm high letters and numerals fixed with two self-tapping screws to steel				
9.9.10	50mm High plastic letter or numeral	No	3		
9.9.11	Female symbol	No	2		
9.9.12	Male symbol	No	2		
9.9.13	Disabled symbol	No	1		
	Carried to Collection SECTION 9 New Ablution Blocks A,B,C: 9.9 - Ironmongery				

Item	Description	Unit	Qty	Rate	Amount
	SECTION 9 New Ablution Blocks A,B,C: 9.9 - Ironmongery Main Collection	Page			
	Brought forwa	ard 176			
	Carried to Summa	anv			
	SECTION 9 New Ablution Blocks A,B,C: 9.9 - Ironmongery	ai y			

Item	Description	Unit	Qty	Rate	Amount
	Bill No. 10				
9.10	METALWORK				
	GALVANISED STEEL DOOR FRAMES				
	1,2mm Double rebated frames suitable for half brick walls				
9.10.1	Frame for door 813 x 2032 mm high	No	7.00		
	1,2mm Double rebated frames suitable for one brick walls complete with straps for building in				
9.10.2	Frame for door size 813 x 2032 mm high	No	4.00		
	1,2mm Double rebated frames suitable for one brick walls complete with straps for building in				
9.10.3	Frame for door size 877 x 2032 mm high	No	1.00		
	GALVANISED STEEL WINDOWS, LOUVRES, DOORS,etc				
9.10.4	Window Size 533 x 654 mm high - as per Architect's Specification.	No	8.00		
9.10.5	Window Size 1022 x 654 mm high - as per Architect's Specification.	No	4.00		
	STEEL ROLLER SHUTTERS ETC				
	Galvanised hot dipped mild steel				
9.10.6	Door Gate size 813 x 2032 mm high, including handles, lockset and hinges, as per Architect's Specification or manufacturer's detail	No	5.00		
	Carried to Collection SECTION 9				
	New Ablution Blocks A,B,C: 9.10 - Metalwork				

Item	Description	Unit	Qty	Rate	Amount
	SECTION 9 New Ablution Blocks A,B,C: 9.10 - Metalwork Main Collection	Page			
	Brought for	rward 178			
	Carried to Sum SECTION 9	mary			
İ	New Ablution Blocks A,B,C: 9.10 - Metalwork	I I			ı

Item	Description	Unit	Qty	Rate	Amount
	Bill No. 11				
9.11	PLASTERING				
	Granolithic				
	Untinted granolithic on concrete				
9.11.1	30mm Paving on floors stippled to form an approved non-slip finish	m ²	63.00		
9.11.2	25mm Paving on tread including 75mm wide reedings	m ²	3.00		
9.11.3	15mm Finish on riser	m ²	3.00		
9.11.4	20mm Skirting 75mm high against walls with fair edge and arris to top edge and cove at junction with paving	m²	86		
	INTERNAL PLASTER				
	Cement plaster on brickwork				
9.11.5	On walls	m ²	206.00		
9.11.6	On narrow widths	m^2	6.00		
	SPECIALIST FLOOR AND WALL COATINGS				
	Prime surfaces and apply two coats 'Flowcrete Flowcoat Quartz' or other approved non-slip self levelling epoxy floor finish with anti-microbial additive having finished thickness of 3mm on				
	The rate to include for :				
	- All specialist plant, labour and materials for executing the works under this item				
	 Preparation of the surface by means of diamond grinding Priming the surface with Abecote Primer at 4m² per litre Application of Abecote 400 Hi-Build epoxy resin at 2mm with a non-slip finish using notched trowels Re-cutting and sealing expantion joints 				
9.11.7	Granolithic paved floors and skirtings	m^2	63		
	Carried to Collection SECTION 9				
	New Ablution Blocks A,B,C: 9.11 - Plastering				

Item	Description	Unit	Qty	Rate	Amount
	SECTION 9 New Ablution Blocks A,B,C: 9.11 - Plastering Main Collection	Page			
	Brought forward	180			
	Carried to Summary SECTION 9 New Ablution Blocks A,B,C: 9.11 - Plastering				

Item	Description	Unit	Qty	Rate	Amount
9.12	Bill No. 12 TILING WALL TILING				
	200 x 200 x 6mm First quality, white glazed cushion edged ceramic tiles fixed with an approved adhesive to plastered walls and pointing with an approved grout:				
9.12.1	On walls and splashbacks	m ²	4.00		
	Carried to Collection SECTION 9 New Ablution Blocks A,B,C: 9.12 - Tiling				

Item	Description	Unit	Qty	Rate	Amount
	SECTION 9 New Ablution Blocks A,B,C: 9.12 - Tiling Main Collection Brought forward	Page			
	Diought forward	102			
	Carried to Summary SECTION 9 New Ablution Blocks A,B,C: 9.12 - Tiling	/			

Item	Description	Unit	Qty	Rate	Amount
	Bill No. 13				
9.13	PLUMBING AND DRAINAGE				
	RAINWATER DISPOSAL				
	Seamless Aluminium				
9.13.1	155 x 100 x 115mm ogee gutter with baked enamel finish fixed with concealed brackets (all to supplies spec).	m	17.00		
9.13.2	100 x 75 mm fluted downpipes with baked enamel finish as per supplier's details	m	15.00		
9.13.4 9.13.5	Extra for angle Extra for stop end Extra for outlet for 100mm pipe Extra for eaves or plinth offset	No No No No	6.00 6.00 6.00 6.00		
	SANITARY FITTINGS				
	Vaal' or other approved				
9.13.7	Protea Paraplegic 7502 wc pan with double flap heavy duty plastic seat and code 710539 nine litre cistern including purpose made CP side flush lever	No	1.00		
9.13.8	Vaal Lavatera white vitreous china wall mounted top inlet urinal (code 704001) wall hung with hangers including 38mm chromium plated domical grating (code 8787Z0) and chromium plated top inlet spreader (code 7041Z0) and chromium plated	No	2.00		
9.13.9	VIP pedestal with intgrated flange bolted over opening in precast slab	No	8.00		
9.13.10	Wash hand basin size 520 x 432 x 150mm deep	No	8.00		
	Vent Pipe				
9.13.11	Vent pipe as per Architect's Specification,including forming opening through the concrete slab.	No	11.00		
	Sanitary fittings Sundries				
9.13.12	Soap dish	No	8.00		
	TRAPS etc				
	Butyl rubber				
9.13.13	32 x 40mm ' P or S ' trap jointed to waste outlet fittings and uPVC pipes including clamps, etc	No	8.00		
	TANKS				
	Jojo Polyproline water tank				
9.13.14	5000 Litre Jo-Jo PVC water tank 1800mm diameter x 2040mm high, complete fixed onto and including tank base size 2400 x 2400mm overall comprising 150mm thick 20MPa reinforced concrete slab including 193 mesh with base slab laid oncompacted ground 400mm thick, compacted to 96% Mod AASHTO complete with one brick side all round; 1m deep on unreinforced concrete strip footings with face brick to outer face of wall to match existing for a depth of 595mm	No	3.00		
	Carried to Collection SECTION 9				
	New Ablution Blocks A,B,C: 9.13 - Plumbing and Drainage				

Item	Description		Unit	Qty	Rate	Amount
	SECTION 9 New Ablution Blocks A,B,C: 9.13 - Plumbing and Drainag Main Collection	e	Page			
		Brought forward	184			
	SECTION 9	Carried to Summary				
	New Ablution Blocks A,B,C: 9.13 - Plumbing and Drainage					

Item	Description	Unit	Qty	Rate	Amount
	Bill No. 14				
9.14	GLAZING				
	GLAZING TO STEEL WITH PUTTY				
	4mm Anodised				
9.14.1	Panes exceeding 0,5m² and not exceeding 2m²	m ²	6.00		
	MIRRORS				
9.14.2	Mirror size 450 x 600mm	No	8.00		
	Carried to Collection SECTION 9				
	New Ablution Blocks A,B,C: 9.14 - Glazing				

Item	Description	Unit	Qty	Rate	Amount
	SECTION 9 New Ablution Blocks A,B,C: 9.14 - Glazing Main Collection Brought forward	Page			
	Carried to Summary SECTION 9 New Ablution Blocks A,B,C: 9.14 - Glazing	,			

Item	Description	Unit	Qty	Rate	Amount
	Bill No. 15				
9.15	PAINTWORK				
	Prepare and apply one coat primer and two coats 'WALL N' ALL' emulsion paint (colour to be approved by the Department of Education)				
9.15.1	Internal walls	m ²	206.00		
	Prepare and apply one coat primer and two coats PVC emulsion paint (colour to be approved by the Department of Education)				
9.15.2	Fascias and barge boards	m	49.00		
9.15.3	Ceilings	m ²	63.00		
	Spot priming defects in pre-primed surfaces with zinc phosphate metal primer, one coat universal undercoat and two coats super universal enamel paint on steel				
9.15.4	Door frames	m^2	15.00		
9.15.5	Windows	m^2	6.00		
9.15.6	Burglar guards (Provisional)	m^2	6.00		
9.15.7	Steel gates (Provisional)	m^2	10.00		
	Prepare and apply one coat calcium plumbate primer, one coat undercoat and one coat gloss enamel paint				
9.15.8	Doors	m^2	24.00		
9.15.9	Eaves and verges	m^2	22.00		
	Carried to Collection SECTION 9 New Ablution Blocks A,B,C: 9.15 - Painting				

Item	Description	Unit	Qty	Rate	Amount
	SECTION 9 New Ablution Blocks A,B,C: 9.15 - Painting Main Collection Brought forward	Page 188			
	Carried to Summary				
	SECTION 9 New Ablution Blocks A,B,C: 9.15 - Painting				

Item	Description	Unit	Qty	Rate	Amount
	SECTION 9 New Ablution Blocks A,B,C Summary	Page			
1	Foundations	159			
2	Concrete, Formwork and Reinforcement	162			
3	Precast Concrete	164			
4	Masonry	167			
5	Waterproofing	169			
6	Roof Coverings	171			
7	Carpentry and Joinery	173			
8	Ceilings, Partitions and Access Flooring	175			
9	Ironmongery	177			
10	Metalwork	179			
11	Plastering	181			
12	Tiling	183			
13	Plumbing and Drainage	185			
14	Glazing	187			
15	Paintwork	189			
	Carried to Final S	Summary			
	SECTION 9 New Ablution Blocks A,B,C				

Item	Description	Unit	Qty	Rate	Amount
	SECTION 10				
10	EXTERNAL WORKS				
10.1	Perimeter Fencing				
	Taking out perimeter fencing				
10.1.1	Completely remove existing wire mesh fencing and prepare surfaces to receive new and cart away to dumping site located by the contractor	m	381		
	EXCAVATIONS				
	Excavation in earth not exceeding 2m deep				
10.1.2	Open face excavation to expose foundations for inspection and underpinning	m^3	61		
	Extra over trench and hole excavations in earth for excavation in				
	Soft rock Hard rock	m³ m³	65 7		
10.1.4	Extra over all excavations for carting away	m.			
	Surplus material from excavations and/or stock piles on site to a dumping site to				
10.1.5	be located by the contractor	m ³	65		
10.1.6	Keeping excavations free of all water other than subterranean water	Item	1		
	Compaction of surfaces				
10.1.7	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 95% Mod AASHTO density	m²	1		
	CONCRETE, FORMWORK AND REINFORCEMENT				
	20Mpa/19mm concrete				
10.1.8	Concrete to 400 x 400 x 600mm deep footings, 1500mm centre to centre spacing	m ³	65		
	Fencing Panels and Poles				
10.1.9	Supply and fit 3m high Clearvu fencing including gates, etc or equivalent	m	380.49		
	Carried to Collection SECTION 10 External Works - Fencing				

Item	Description	Unit	Qty	Rate	Amount
10.2	Walkways				
	Site clearance				
10.2.1	Digging up and removing rubbish, debris, vegetation, hedges, shrubs and trees not exceeding 200mm girth, bush, etc	m^2	24		
10.2.2	Stripping average 100mm thick layer of top soil and stockpiling on site	m^2	20		
	EXCAVATIONS				
	Excavation in earth not exceeding 2m deep				
10.2.3	Open face excavation to reduce levels	m^3	6		
	FILLING ETC				
	Selected earth filling from the excavations deposited in layers not exceeding 150mm thick after compaction and compacted to a density of 95% Modified AASHTO maximum density Mod AASHTO				
10.2.4	Backfilling to excavations	m^3	3		
	Earth filling supplied by the contractor, compacted to 95% Mod AASHTO density				
10.2.5	Under concrete	m^3	3		
	Compaction of surfaces				
10.2.5	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 98% Mod AASHTO density	m²	20		
	Prescribed density tests on filling				
10.2.6	Allow for the execution of all prescribed density tests on filling, etc., as pointed out by the Principal Agent on site	No	2		
	SOIL POISONING				
	Soil insecticide				
	Soil Poisoning: Under floors etc, including forming and poisoning shallow furrows against foundation walls etc, filling in furrows and ramming				
10.2.7	To ground under concrete	m^2	20		
	CONCRETE, FORMWORK AND REINFORCEMENT				
	UNREINFORCED CONCRETE CAST AGAINST EXCAVATED SURFACES				
	15MPa/19mm concrete				
10.2.8	Surface blinding under footings and bases	m^3	1		
	REINFORCED CONCRETE				
	20Mpa/19mm concrete				
10.2.9	Concrete walkways cast in panels, laid to fall in 1:200, with control joints filled with polysulphide sealant, every 3000mm centres	m ³	3		
	TEST BLOCKS				
10.2.10	Making and testing of six 150 x 150 x 150mm concrete strength test cubes	No	3		
	Carried to Collection SECTION 10 External Works - Walkways				

Item	Description	Unit	Qty	Rate	Amount
	CONCRETE SUNDRIES				
	Finishing top surfaces of concrete to a Class U2 wood float finish				
10.2.11	Pavings	m^2	20		
	FORMWORK				
	Rough formwork to sides				
10.2.12	Edges, risers, ends and reveals not exceeding 300mm high or wide	m	42		
	MOVEMENT JOINTS ETC				
	Expansion joints with softboard between vertical concrete surfaces				
10.2.13	15mm Joints not exceeding 300mm high or wide	m	7		
	Saw cut joints				
10.2.14	50 x 3mm Saw cut joints in top of concrete	m	7		
	REINFORCEMENT (PROVISIONAL) (CPAP Work Group 114)				
	Fabric reinforcement				
10.2.14	Type 193 fabric reinforcement in concrete surface beds, slabs, etc.,	m^2	20		
	WATERPROOFING				
	One layer of 250 micron "Consol Plastics Gunplas USB Green" waterproof sheeting sealed at laps with "Gunplas Pressure Sensitive Tape"				
10.2.15	Under concrete	m^2	20		
	JOINT SEALANTS ETC				
	Polysulphide sealant including backing cord, bond breaker, primer, etc				
10.2.16	10 x 15mm in expansion joints in floors	m	7		
	Carried to Collection SECTION 10				
	External Works - Walkways				

Item	Description	Unit	Qty	Rate	Amount
	SECTION 10 EXTERNAL WORKS				
	Summary	Page			
	Brought forwar				
		192			
		193			
	Carried to Final Summar	v			
	SECTION 10 EXTERNAL WORKS				

Item	Description	Unit	Qty	Rate	Amount
	SECTION 11				
11	ELECTRICAL WORKS				
	SECTION 1 : LT DISTRIBUTION				
	DISTRIBUTION BOARDS AND ACCESSORIES				
	Supply the following Distribution Boards complete with all switchgear, accessories as specified on the schematic layouts, all fitted in the factory and tested, including delivery to Site and off-loading but excluding cable terminations. Install and connect up, including earthing and conduit terminations but excluding cable terminations.				
11.1 11.2	Classroom Block DB (Prewired 12 Way - 3CR12) Ablution Block DB (6 Way - 3CR12)	No. No.	2 1		
	CABLES AND EARTH WIRE (PROVISIONAL)				
	Rates to include for supply, delivery and installation via sleeves, cable tray or fixed to surface but excluding terminations, joints, cable trays or sleeves for 600/1000 Volts cables and earth wires:-				
	PVC/PVC/SWA/ECC/PVC/ copper cables				
11.3 11.4	6mm² 2 Core PVC ECC Copper Cable 10mm² 2 Core PVC ECC Copper Cable	m m	75 75		
	CABLE TERMINATIONS				
	Supply, delivery, installation and labour for making-off, terminating and connecting cables and earth wires including glands, shrouds, lugs and connections for the following cables and earth wires:-				
	PVC/PVC/SWA/ECC/PVC/ copper cables				
11.5 11.6	6mm² 2 Core PVC ECC Copper Cable 10mm² 2 Core PVC ECC Copper Cable	No. No.	2 2		
	SUNDRIES				
11.7	Draw Wire	m	900		
	TEST AND COMMISSION				
11.8	Test and Commision the complete installation in accordance with the Specifications and SANS Standards	Sum	1		
11.90	Issue a Certificate of Compliance (CoC) in accordance with the SANS 10142-1 (2006) requirements per DB.	Sum	2		
	LIGHTNING PROTECTION AND EARTHING				
11.10	Allow for the execution of a Soil Resistivity Survey for the site and for submitting a copy of the reports to the Engineer.	No	1		
11.11	Allow for the testing of the complete scheme, including lightning protection earth electrodes and the issuing of test certificates.	No	1		
11.12	50mm² PVC insulated for bonding down conductors to earth rods, etc. inclusive of lugs, ferrules, bolts, etc.	m	48		
11.13	Supply and install corrosion resistant stainless steel terminal for roof connection points and and aluminium bond to take aluminium down conductor from roof terminals.	No	14		
	Carried to Collection				
	SECTION 11 ELECTRICAL WORKS				

Item	Description	Unit	Qty	Rate	Amount
11.14	Supply and Install ferrules and lugs for bonding of any metalwork to air terminal system.	No	40		
11.15	Supply and install 1.5m copper clad steel earth rods driven into the ground including jointing to copper bonding conductor.	No	16		
11.16	Supply and install test point connection in each down conductor COMPLETE with 132x82x55mm deep screw lid enclosure.	No	16		
11.17	Supply and Install 25mm pvc pipe	m	60		
11.18	Supply and Install 50mm aluminium conductor	m	60		
	WIRING TRUNKING & MESH TRAY				
	Supply and install 2 compartment P/Skirt complete with all fixings, separate covers and accessories. (EQUAL OR SIMILAR APPROVED TO BUFF DUCT OR LEGRANDE)				
11.19	Supply and install Power skirting complete with all fixings, end caps, separate covers and accessories.	m	45		
	Supply and install telephone and data outlets in power skirting including cover plates and all accessories.				
11.2	Telephone outlet	No	2		
11.21	Data Outlet	No	2		
	SECTION 2 : EXCAVATIONS AND SLEEVES				
	SLEEVES				
	Supply and install the following underground sleeves				
11.22 11.23 11.24	110mm Diameter 110mm Diameter slow radius bends 50mm Diameter	m No m	100 4 30		
	SECTION 3 : POWER - GENERAL PURPOSE OUTLETS AND LIGHTING				
	CONDUITS				
	Supply and install PVC conduit complete with all accessories including couplings, bending, fixings and waste fixed as specified.				
11.25	20 mm - chased in brickwork	m	600 300		
11.27	20 mm - ceiling void 25 mm - chased in brickwork	m m	600		
11.28	50 mm - surface on brickwork (BOSAL)	m	50		
	CONDUIT BOXES				
	Supply and install boxes complete with all accessories, including conduit terminations				
11.29	60 mm round, 60 mm deep PVC box for 20 mm conduit fixed in sofit or brickwork	No	65		
11.3	or ceiling void 100 x 50 x 50 mm galv. box, flush mounted in brickwork	No	18		
11.31	100 x 100 x 50 mm galv. box, flush mounted in brickwork	No	25		
	Carried to Collection SECTION 11 ELECTRICAL WORKS				

Item	Description	Unit	Qty	Rate	Amount
	CONDUCTORS AND CABLES				
	Supply and install PVC insulated copper conductors in required colours drawn into conduit or in trunking				
	1.5 mm² pvc conductor	m	1200		
11.34	1.5 mm² BCEW 2.5 mm² pvc conductor	m m	600 900		
11.35	2.5 mm² BCEW	m	450		
	LIGHT SWITCHES				
	Flush mounted switch unit complete with cover plate and all accessories				
11.36 11.37	16A, Single Lever, One Way	No No	15 4		
11.37	Photocell poly-carbonate bulkhead	NO	4		
	LIGHT FITTINGS				
	Suppy, deliver and store the following light fittings complete; inclusive of lamps (please refer to the Lightfitting Schedule for full specifications of the fittings):				
11.38	20W LED Bulkhead IP55 (EQUAL OR SIMILAR APPROVED TO BEKA OR	No	18		
11.39	SWANLITE) GLS LFL-100W ECG	No	4		
11.4	GLS FC/R-235 TS ECG	No	30		
	SWITCHED SOCKET OUTLETS				
11.41	Supply, install and connect switch socket outlets as specified including cover plates and all accessories 16 Amp double switched socket outlet installed flush on wall	No	25		
	ISOLATORS				
	Supply and install isolators mounted as specified complete with cover plate and all accessories				
11.42	20 Amp Single Pole isolators installed surface on wall in a weatherproof	No	2		
11.43	enclosure. 40 Amp Single Pole isolators installed surface on wall for stove	No	1		
11.44	IP65 Junction Box with 10A single pole circuit breaker	No	2		
	Carried to Collection				
	SECTION 11				
1	ELECTRICAL WORKS		l		ll l

SECTION 11 ELECTRICAL WORKS Collection Brought forward 195 196 197 SECTION 11 ELECTRICAL WORKS Carried to Final Summary ELECTRICAL WORKS	Ite	n Description	Unit	Qty	Rate	Amount
196 197 Carried to Final Summary		ELECTRICAL WORKS	Page			
SECTION 11		Bro	ught forward 195			
SECTION 11 Carried to Final Summary			196			
			197			
ELECTRICAL WORKS		Carried to Fin	al Summary			
, , ,		ELECTRICAL WORKS				

Item	Description	Unit	Qty	Rate	Amount
	SECTION 12				
12	Provisional Sums				
12.1	CLO				
12.1.2	Provide the sum of R100,000.00 for the Community Liaison Officer Allow for Profit Allow for Attendance	PS % %	1		
12.2	Woodborer Fumigation				
12.2.2	Provide the sum of R50,000.00 for Wood -Borer Treatment Allow for Profit Allow for Attendance	PS % %	1		
	Carried to Collection SECTION 12				
	Provisional Sums				

Item No			Quantity	Rate	Amount
	CPG Bill of Quantities: (Provisional)				
	Note to tenderers: As CPGs may not provide any bidder a competitive advantage. Provisional amounts and fixed percentages for profit and attendance have been provided. Only the provisional amount will be adjusted once the awarded tender amount and/or the beneficiaries have been appointed, and the final values have been ascertained.				
	MINIMUM TARGETED LOCAL BUILDING MATERIAL MANUFACTURERS				
	Provision is made for the Minimum Targeted Local Building Material Manufacturers CPG in the execution of this project as described in C3.1 Project Specifications. Allowance for monitoring and monthly reporting on material purchased from Local Building Material Manufacturers by main contractor and subcontractors based on determination by Employer taking into account specific project variables		1	R12 199,91	R12 199,91
	Allowance for profit and attendance, all inclusive of associated costs to the contractor for implementation.	%			
	Allowance for attendance all inclusive of associated costs to the contractor for implementation.	%			
	MINIMUM TARGETED LOCAL BUILDING MATERIAL SUPPLIERS				
	Provision is made for the Minimum Targeted Local Building Material Suppliers CPG in the execution of this project as described in C3.1 Project Specifications. Allowance for monitoring and monthly reporting on material purchased from Local Building Material Suppliers by main contractor and subcontractors based on determination by Employer taking into account specific project variables	PS	1	R12 199,91	R12 199,91
	Allowance for profit and attendance, all inclusive of associated costs to the contractor for implementation.	%			
	Allowance for attendance all inclusive of associated costs to the contractor for implementation	%			
				_ R	
				=	
	Carried to Collection.				

		Quantity	Rate	Amount R
MINIMUM TARGETED ENTERPRISE DEVELOPMENT				
A provisional amount has been allowed for in the execution of this project as described in C3.1 Project Specifications. 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	1	R121 999,10	R121 999,10
Allowance for profit all inclusive of associated costs to the contractor for implementation.	%			
Allowance for attendance all inclusive of associated costs to the contractor for implementation.	%			
LABOUR INTENSIVE PARTICIPATION GOAL				
Labour Intensive Participation Goal - Allowance for monthly reporting of labour intensive works by main contractor based on determination by Employer taking into account specific project variables. Allowance for monitoring and monthly reporting on Works executed by means of Labour Intensive methods by main contractor and subcontractors based on determination by Employer taking into account specific project variables	PS	1	R72 000,00	R72 000,00
Allowance for profit all inclusive of associated costs to the contractor for implementation.	%			
Allowance for attendance all inclusive of associated costs to the contractor for implementation.	%			
Carried Forward to Summary of Section No.			R	

Item No

Item	Description	Unit	Qty	Rate	Amount
	SECTION 12 Provisional Sums Summary	Page			
	Summary brought forward	199			
	Carried to Final Summary				
	SECTION 12 Provisional Sums				

Item	Description	Unit	Qty	Rate	Amount
Bill	Summary	Page			
1	PRELIMINARIES AND GENERAL	24			
2	DEMOLITIONS	27			
3	BLOCK 1: 4 CLASSROOMS, 1 PRINCIPAL OFFICE AND STORE ROOM	50			
4	BLOCK 2: 2 CLASS-ROOMS AND 1 SCHOOL HALL	71			
5	BLOCK 3: 1 TUCK SHOP AND 1 STORE ROOM	96			
6	BLOCK 4: KITCHEN AND STORE ROOM	121			
8	ABLUTON BLOCK 3 (2 Male)	138			
9	ABLUTON BLOCK 4 (4 Male)	155			
11	NEW ABLUTION BLOCKS A, B AND C	190			
12	EXTERNAL WORKS	194			
13	ELECTRICAL WORKS	198			
14	PROVISIONAL SUMS	202			
	SUB-TOTAL				
	CONTINGENCIES @ 5%		5%		
	SUB-TOTAL				
	ADD VAT @ 15%				
	GRAND TOTAL				