ITEM No.	DESCRIPTION	KSHS
1101	CLASS A : GENERAL ITEMS	
	PARTICULAR PRELIMINARIES	
Α	DESCRIPTION OF THE WORKS	
	The Works to be carried out under this Contract involves the the Construction of:	
	LOTI: 64 Bed Capacity Dormitory	
	LOT2: 10,800 Litres Capacity Septic Tank	
	LOT3: Teacher's Quarters Block	
	LOT4: Completion of an incomplete Dormitory (Half-way done)	
В	MEASUREMENTS	
	In the event of any descripancies arising between the Bills of Quantities and the actual Works, the	
	Site measurements shall generally take precedence. However, such descripanices between any	
	Contract documents shall immediately be referred to the PROJECT MANAGER in accordance with	
	Clause 22 of the Conditions of Contract. The descripancies shall then be treated as a Variation and	
	shall be dealt with in accordance with Clause 22 of the said conditions.	
С	LOCATION OF THE SITE	
	The Site of the proposed Works is at Mwituria Secondary School in Laikipia County. The Contractor	
	is advised to visit the Site and familiarize himself with the nature and position of the Site. No Claims	
	arising from the Contractor's failure to do so will be entertained.	
D	SIGNING OF THE TENDER DOCUMENTS	
	The Bidder shall append his/her signature and /or the Company's rubberstamp on each and every	
	page of the Tender Document. The Form of Tender shall be signed personally by the Bidder or by a	
	duly authorised representative.	
E	VALUE ADDED TAX (VAT)	
	The Contractor's attention is drawn to the Legal Notice in the Finance Act part 3 Section 21(b)	
	operative from I st September 1993 which requires payment of VAT on all Contracts. The Tenderer is	
	required to compute the amount of VAT after the sub-total including Prime Cost and Provisional	
	Sums as indicated in the Summary Page of this Bills of Quantities. Any Tenderer who does not price	
	for VAT manner will be considered to be non-responsive.	
F	PAYMENTS	
	Reference to be made to the "Payment Schedule"	
	Carried to collection	

ITEM No.	DESCRIPTION	KSHS
140.	CLASS A : GENERAL ITEMS	
A	PREVENTION OF ACCIDENTS, DAMAGES OR LOSSES	
	The Contractor is notified that these Works are to be carried out on a restricted Site where the Clien	
	is going on with other normal activities. The Contractor is thus instructed to take resonable care in the	
	execution of the Works as to prevent accidents, damage or loss and disruption of activities being	
	carried out by the Client.	
В	PRICING RATES	
	The Tenderer shall include for all costs in executing the whole of Works, including transport.	
	All to comply with the said Conditions of Contract.	
С	PRICING RATES	
	The Tenderer shall include for all costs in executing the whole of Works, including transport.	
	All to comply with the said Conditions of Contract.	
D	URGENCY OF THE WORKS	
	The Contractor is notified that these "Works are urgent" and should be completed within the period	
	stated in these Particular Preliminaries.	
E	SECURITY	
_	The Contractor shall allow for providing adequate security for the Works and the Workers in the	
	course of execution of this Contract. No claim will be entertained from the Contractor for not	
	maintaining adequate security for both the Works and the Workers.	
	,	
	Carried to collection	

ITEM No.	DESC	CRIPTION	KSHS
A	PARTICULARS OF INSERTIONS TO BE	MADE IN APPENDIX TO	
	THE CONTRACT AGREEMENT	TIABL III ALL LINDIA 10	
	The following are the insertions to be made in the	ne appendix to the Contract	
	Agreement:	to appendix to the Contract	
	Period of Final Measurement:	I Months from Practical Completion	
	Defects Liability Period:	3 Months from Practical Completion	
	Date for Possession:	To be agreed with the Project Manager	
	Date for Completion:	12 Weeks from Date of Possession	
	Liquidated and Ascertained Damages:	At the rate of Kshs. 10,000/- per Week or part thereof	
	Period of Interim Certificates:	As per the Payment Schedule	
	Period of Honouring Certificates:	30 days	
	Percentage of Certified Value Retained:	10%	
	Limit of Retention:	10%	

ITEM		DESCRIPTION	KSHS			
No.	CLASSA	: GENERAL ITEMS				
	CLASS A	. SENERAL ITEMS				
	GENERAI	<u>L PRELIMINARIES</u>				
Α		ITEMS OF PRELIMINARIES AND PREAMBLES				
	Prices will be inserted against Items of Preliminaries in the Contractor's priced Bills of Quantities and Specifications					
	and specimeations					
	The Contractor shall be deemed to have included in his Prices or Rates the various Items in the Bills of Quantities or Specifications for all costs involved in complying with all the requirements for					
	the proper	execution of the whole of the Works in the Contract.				
В	ABBREVI	ATIONS				
	Throughout	t these Bills, units of measurement and terms are abbreviated and shall be all the				
	requiremen	nts for the proper execution of the whole of the Works in the Contract.				
	C.M	Shall mean Cubic Metre				
	S.M	Shall mean Square Metre				
	L.M	Shall mean Linear Metre				
	MM	Shall mean Millimetre				
	Kg	Shall mean Kilogramme				
	Nr.	Shall mean Number				
	Prs	Shall mean Pairs				
	B.S	Shall mean the British Standard Specification published by the British Standards Institution, 2 Park Street, London W.I., England				
	Ditto	Shall mean the whole of the preceding descritpion except as qualified in description in which it occurs				
	m.s	Shall mean 'measured separately'				
	<u> </u>					

ITEM No.	DESCRIPTION	KSHS
140.	CLASS A : GENERAL ITEMS	
A	GENERAL PRELIMINARIES INSURANCE	
	The Contractor shall insure as required in Clause 30 of the Conditions of Contract. No payment on account of the work executed will be made to the Contractor until he has satisfied the Project Manager's inspection. either by production of an Insurance Policy or and Insurance Certificate that the provision of the foregoing Insurance Clauses have been complied with in all respects. Thereafter the Project Manager shall from time to time ascertain that the premiums are duly paid up by the Contractor who shall if called upon to do so, produce the receipted premium renewals for the Project	
В	ALTERATIONS TO BILLS, PRICING ETC. Any unauthorised alteration or qualification made to the text of the Bills of Quantites may cause the Tender to be disqualified and will in any case be ignored.	
С	REMOVAL OF RUBBISH Allow for the removal of rubbish and debris from the Buildings and Site as it accumulates. At the completion of the Works, remove all plant, scaffolding and unused materials.	
D	CONTRACTOR'S SUPERINTENDENCE/SITE AGENT The Contractor shall constantly keep on the Works a literate English speaking Agent or Representative, competent and experienced in the kind of work involved who shall give his whole time to the superitendance of the Works. Such Agent or Representative shall receive on behalf of the Contractor all instructions from the Project Manager and such directions shall be deemed to have been given to the Contractor in accordance with the Conditions of Contract.	

ITEM No.	DESCRIPTION	UNIT	QTY	RATE	кѕнѕ
	BILL No.1: 64 BED CAPACITY DORMITORY				
	CLASS E: EARTHWORKS				
	Excavations shall include for strutting, shuttering, stabilizing excavated surfaces and keeping excavations free of general surface water bailing out, pumping or other means				
I E4	Excavation for Foundation				
1E411	Excavate oversite average 150mm deep to remove vegetable soil	SM	340		
1E322	Excavate from the reduced level maximum depth 0.25 - 0.5m for Slab foundation	СМ	60		
1E321	Excavate in material other than top soil, rock or artificial hard material for foundation trenches 600mm wide Maximum depth not exceeding 0.25m	СМ	40		
	<u>Ditto:</u> But to 32No.Column Bases 1200mm x 1200mm x 300mm	СМ	6		
1E322	Maximum depth 0.25 - 0.5m	СМ	40		
	<u>Ditto:</u> But to 32No.Column Bases 1200mm x 1200mm x 300mm	СМ	6		
	Carried to collection				

	DESCRIPTION	UNIT	QTY	RATE	KSHS
	BILL No.1: 64 BED CAPACITY DORMITORY				
	CLASS E: EARTHWORKS				
I E4	Excavation for Foundation(Contd.)				
1E323	Maximum depth 0.5 - 1.0m	CM	50		
	<u>Ditto:</u> But to 32No.Column Bases I 200mm × I 200mm × 300mm	СМ	8		
	Maximum depth 1.0 - 2.0m From the finished Trench level for 32No.Column Bases 1200 \times 1200 \times 300mm deep	СМ	7		
I E5	Excavation Ancilliaries				
	Disposal of excavated material				
	Approved material shall be retained for backfilling and unsuitable material				
	shall be disposed tip as directed by the Engineer				
1E531	Top Soil	СМ	50		
1E532	Material other than top soil, rock or artificial hard material	СМ	233		
I E6	<u>Filling</u>				
	<u>Hardcore</u>				
E647	300mm thick Hardcore, well placed and compacted 2 layers	СМ	65		
	Carried to collection				

ITEM No.	DESCRIPTION	UNIT	QTY	RATE	KSHS
	BILL No.1: 64 BED CAPACITY DORMITORY				
	CLASS E: EARTHWORKS				
I E6	<u>Filling</u>				
	<u>Approved Murram</u>				
1E645	Place and Compact approved Murram maximum 50mm thick	SM	215		
	<u>Ditto: But to Foundation Footing</u> Return, Fill and Ram selected excavated material as directed by the Engineer	СМ	120		
	Chemical Anti-Termite Treatment(Gladiator) the Compacted Murran	SM	215		
	CLASS F: IN SITU CONCRETE				
	Provide and place Concrete				
IF5	Mass Concrete strength Grade 15/20				
IF511.1	50mm thick blinding to Strip Footing	СМ	8		
1F511.2	Ditto but to Column Bases	СМ	3		
F6	Vibrated Reinforced Concrete strength Grade 20/20				
1F621	100mm thick Floor Slab	СМ	30		
	Carried to collection				

ITEM No.	DESCRIPTION	UNIT	QTY	RATE	KSHS
	BILL No.1: 64 BED CAPACITY DORMITORY				
	CLASS F: IN SITU CONCRETE (Contd.)				
1F622	300mm thick Column Footings	СМ	14		
1F662	200mm x 300mm deep Ring beams	СМ	14		
IF6	Vibrated Reinforced Concrete strength Grade 20/20				
F652	200mm x 200mm x 4000mm high Columns	СМ	5		
	CLASS G: CONCRETE ANCILLIARIES				
	Formwork rough finish				
IG241	Plane vertical - sides of Floor slab	SM	10		
IG242	Plane vertical - sides of Column Footings	SM	50		
IG243	Ring beams 200mm × 300mm deep	SM	110		
IG282	Plane vertical - sides of Columns n.e. 4m high	SM	105		
	Carried to collection				

ITEM No.	DESCRIPTION	UNIT	QTY	RATE	KSHS
	BILL No. 1: 64 BED CAPACITY DORMITORY				
	CLASS G: CONCRETE ANCILLIARIES (Contd.)				
1G563	A 142 Fabric Mesh Reinforcement to BS 4483 in Concrete Slab 100mm thick, Nominal mass 3 - 4 Kg/m²	SM	290		
	Reinforcement				
	Bars: Mild Steel hot rolled to BS 4449				
IG512.1	Nominal size 8mm to Ring Beam	Kg	230		
IG512.2	Ditto but to Column Rings	Kg	160		
	Bars: High Yield Tensile Steel twisted to BS 4449				
IG524.I	Nominal size 12mm to Ring Beam	Kg	800		
IG524.2	Ditto but to Columns	Kg	1140		
IG524.3	But to Strip Footing	Kg	1400		
	Carried to collection				

ITEM No.	DESCRIPTION	UNIT	QTY	RATE	KSHS
	BILL No.1: 64 BED CAPACITY DORMITORY				
	CLASS O: TIMBER				
	Softwood Components				
	Provide and fix the following approved items of Sawn Cypress Grade 2,				
	Pressure Impregnated with all leads and lifts complete etc. for Roofing				
	<u>Main Roof</u>				
10114.1	I 50 × 50mm Rafters	LM	160		
10114.2	Ditto but to Hips	LM	90		
10114.3	I50 x 50mm Tie Beams	LM	125		
			245		
10115.1	I 00 x 50mm Purlins	LM	365		
10115.2	Ditto but to Hips	LM	60		
10112	150 x 50mm King Posts	LM	35		
10111	Ditto but to Hips	LM	5		
	Carried to collection				

ITEM No.	DESCRIPTION	UNIT	QTY	RATE	KSHS
	BILL No. 1: 64 BED CAPACITY DORMITORY				
	CLASS O: TIMBER (Contd.)				
10112.1	100 x 50mm Struts & Ties	LM	230		
10112.2	I 50 x 50mm Collar Splices	LM	30		
	Wall Plate				
	Secured with 12mm diameterAnchor Bolt 300mm long at 1mc/c cast in Concrete Ring Beam(m/s)				
10114.1	100 x 50mm Wall Plate	LM	90		
10114.2	Ditto but to Entrance Porch	LM	8		
	Main Roof				
10114.3	200 x 25mm Fascia Boards	LM	90		
	Entrance Porches				
10112.1	75 x 50mm Rafters	LM	15		
10112.2	75 x 50mm Tie Beams	LM	10		
	Carried to collection				

ITEM No.	DESCRIPTION	UNIT	QTY	RATE	кѕнѕ
	BILL No.1: 64 BED CAPACITY DORMITORY				
	CLASS O: TIMBER (Contd.)				
	Entrance Porches				
10112.3	75 x 50mm King Posts	LM	2		
10112.4	75 x 50mm Struts & Ties	LM	5		
10112.5	75 x 50mm Collars	LM	3		
10112.6	250 x 25mm Fascia Boards	LM	20		
	<u>Main Roof</u>				
	Fittings and Fastenings				
1051	Straps	Nr	20		
1054	Bolts	Nr	300		
	Carried to collection				

ITEM No.	DESCRIPTION	UNIT	QTY	RATE	KSHS
2220	BILL No.1: 64 BED CAPACITY DORMITORY				
	CLASS U: BRICKWORK, BLOCKWORK AND MASONRY				
1U5	Stone Masonry				
	Provide and place approved Stone Masonry bedded in Cement:Sand(1:3) mortar with 25mm wide Hoop Iron at alternate courses				
	<u>Sub-structure</u>				
	Natural Quarry Stone Walling:200mm thick				
IU521.1	Foundation Walling	SM	245		
	<u>Super-structure</u>				
	Machine Dressed Natural Quarry Stone Walling				
IU511	Ablution Walls 150mm thick	SM	65		
IU521	Main Walls 200mm thick	SM	390		
	CLASS V: PAINTING				
	Oil Paint				
	Prepare and Apply Three Coats of First Grade Oil Paint to Plastered Wall Surfaces at an an angle exceeding 60° to the horizontal				
	<u>Internally</u>				
IV333.I	Skirting 100mm high	SM	10		
	Carried to collection				

ITEM No.	DESCRIPTION	UNIT	QTY	RATE	KSHS
140.	BILL No.1: 64 BED CAPACITY DORMITORY				
	CLASS V: PAINTING (Contd.)				
	<u>Oil Paint</u>				
IV333.2	Below Window Level 800mm high	SM	90		
	Emulsion Paint				
IV533	Prepare and Apply Three Coats of First Grade Silk Vinyl Emulsion Paint to: Plastered Wall Surfaces at an an angle exceeding 60° to the horizontal				
	<u>Internally</u> Above Window Level 800mm high	SM	185		
IV533.2	Ditto but to Weatherguard Paint externally	SM	215		
	Prepare and Apply Three Coats of First Grade Silk Vinyl Emulsion Paint to: Timber Surfacesof width not exceeding 300mm				
	<u>Externally</u>				
IV526	Fascia Boards	LM	110		
	Carried to collection				

ITEM No.	DESCRIPTION	UNIT	QTY	RATE	кѕнѕ
	BILL No.1: 64 BED CAPACITY DORMITORY				
	CLASS W: WATERPROOFING				
IW136	Provide and Place an approved Damp Proof Course	LM	250		
	Roofing				
	Sheet Metal				
IW321.1	Pre-painted Green Galvanized Iron Sheets 30 gauge	SM	370		
IW321.2	Ditto but to Entrance Porches	SM	20		
IW321.3	Provide and fix Ridge Capping to match Item W321	LM	55		
IW321.4	Ditto but to Entrance Porches	LM	6		
IW326.1	Provide and fix Gutter to match Item W321	LM	90		
IW326.2	Ditto but to Entrance Porches	LM	6		
IW324	Provide and fix Down Pipe to match Item W324.2	LM	50		
	Carried to collection				

No.	DESCRIPTION	UNIT	QTY	RATE	KSHS
	BILL No.1: 64 BED CAPACITY DORMITORY				
	CLASS Z: SIMPLE BUILDING WORKS INCIDENTAL TO CIVIL ENGINEERING WORKS				
	Windows, Doors and Glazing				
	Rate to include Supply of Materials/Fittings, Fixing and/or Drilling, Cutting of associated Works and Painting with 3 Coats of Paint				
	<u>Doors</u>				
	Rate to include Frames, Hinges, Locks, Handles, Stoppers and Fixing in accordance with the Specifications				
IZ313.1	Hardwood Panel Double Shutter Door 1600 x 2400 c/w Fanlight	Nr	4		
1Z313.2	Ordinary semi-solid Flush Door size 900 x 2000mm	Nr	20		
	Windows				
	Rate to include 4mm thick Glazing				
	Steel Casement Windows				
IZ321.I	Window size 1500 x 1500mm (W1)	Nr	16		
IZ321.2	Window size 400 x 800mm (W2)	Nr	20		
	Pelmet Boxes 1900mm (L) x 200mm (W) c/w Curtain Rods to match Item No. Z321.1	Nr	16		
	Carried to collection				

ITEM No.	DESCRIPTION	UNIT	QTY	RATE	KSHS
	BILL No.1: 64 BED CAPACITY DORMITORY				
	CLASS Z: SIMPLE BUILDING WORKS INCIDENTAL TO CIVIL ENGINEERING WORKS				
	Surface Finishes				
1Z411	Cement/Sand 20mm Screed on Floors	SM	273		
IZ4I3.I	Cement/Sand 20mm Plaster on Internal Walls	SM	625		
IZ4I3.2	Cement/Sand 20mm Plaster on External Walls	SM	210		
1Z415.1	Cement/Sand 20 x 100mm high Skirting on Internal Walls	LM	160		
IZ415.2	Cement/Sand 20 x 600mm high Plinth on External Walls	LM	90		
	Piped Building Services				
	Rate to include Supply of Materials/Fittings, Fixing and/or Drilling, Cutting of associated Works, Testing and Commissioning				
	Internally				
1 Z 53.1	AsianToilets	Nr	10		
17530	T. H. Circ. (All III.) MALE		10		
1253.2	Toilet Cistern (High Level) 16 Litres	Nr	10		
	Carried to collection				
	Carried to collection				

ITEM No.	DESCRIPTION	UNIT	QTY	RATE	KSHS
	BILL No.1: 64 BED CAPACITY DORMITORY				
	CLASS Z: SIMPLE BUILDING WORKS INCIDENTAL TO CIVIL ENGINEERING WORKS				
	Piped Building Services (Contd.)				
	<u>Internally</u>				
1Z53.3	Flexible Tubes ½"	Nr	10		
1Z53.4	Shower Roses Heads ½"	Nr	10		
1Z53.5	Waste Inspection Tee 4"	Nr	2		
IZ53.6	Bib Taps ¾"	Nr	16		
IZ53.7	Gulley Trap (4-Way) 4"	Nr	20		
IZ53.8	Bottle Trap 2"	Nr	8		
1Z53.9	Waste Inspection Tee 2"	Nr	8		
	Carried to collection				

ITEM No.	DESCRIPTION	UNIT	QTY	RATE	KSHS
	BILL No.1: 64 BED CAPACITY DORMITORY				
	CLASS Z: SIMPLE BUILDING WORKS INCIDENTAL TO CIVIL ENGINEERING WORKS				
	Piped Building Services (Contd.)				
	<u>Internally</u>				
IZ53.10	Waste Plain Tee 2"	Nr	4		
IZ53.II	Waste Pipe 2"	Nr	8		
IZ53.12	Waste Plain Tee 4"	Nr	12		
IZ53.13	Waste Vent Cap 4"	Nr	2		
IZ53.14	Automatic Flushing Cistern (16 Litres)	Nr	2		
1Z53.15	Waste Plain Elbows 2"	Nr	4		
1Z53.16	Gate Valves ³ / ₄ "	Nr	10		
	Carried to collection				

ITEM No.	DESCRIPTION	UNIT	QTY	RATE	кѕнѕ
	BILL No.1: 64 BED CAPACITY DORMITORY				
	CLASS Z: SIMPLE BUILDING WORKS INCIDENTAL TO CIVIL ENGINEERING WORKS				
	Piped Building Services (Contd.)				
	<u>Internally</u>				
IZ53.17	PPR Pipe 25mm	Nr	12		
IZ53.18	PPR Pipe 32mm	Nr	14		
IZ53.19	PPR Male Adaptors 25mm x ³ / ₄ "	Nr	20		
IZ53.20	PPR Male Adaptors 20mm x ½"	Nr	10		
1Z53.21	PPR Reducing Elbows 25mm x ½"	Nr	10		
IZ53.22	PPR Reducing Sockets 32mm × 20mm	Nr	10		
IZ53.23	PPR Plain Tees 25mm	Nr	10		
	Carried to collection				

ITEM No.	DESCRIPTION	UNIT	QTY	RATE	KSHS
	BILL No.1: 64 BED CAPACITY DORMITORY				
	CLASS Z: SIMPLE BUILDING WORKS INCIDENTAL TO CIVIL ENGINEERING WORKS				
	Piped Building Services (Contd.)				
	<u>Internally</u>				
IZ53.24	PPR Plain Tees 32mm	Nr	8		
IZ53.25	PPR Plain Elbows 25mm	Nr	10		
IZ53.26	PPR Female Elbow Adaptors ¾" x 25mm	Nr	10		
IZ53.27	GI Pipe ¾"	Nr	2		
1Z53.28	GI Bend ³ / ₄ "	Nr	10		
IZ53.29	GI Reducing Socket $\frac{3}{4}$ " x $\frac{1}{2}$ "	Nr	10		
IZ53.30	GI Nipple ½"	Nr	10		
	Carried to collection				

ITEM No.	DESCRIPTION	UNIT	QTY	RATE	KSHS
113.	BILL No. 1: 64 BED CAPACITY DORMITORY				
	CLASS Z: SIMPLE BUILDING WORKS INCIDENTAL TO CIVIL ENGINEERING WORKS				
	Piped Building Services (Contd.)				
	<u>Internally</u>				
1Z53.31	"Twyford Hindustan" vitreous China Hand Wash Basin fixed on semi-concealed brackets c/w two "Bricon" Chromium plated Bib Taps size 500 x 400mm	Nr	2		
	<u>Dhobi Sink</u>				
	Rate to include Suppy, Installation and Wastewater Disposal as directed by the Engineer				
	Provide 2No. Dhobi Sinks c/w 5No. Bib Taps each at the Bathrooms	SUM			
	Wastewater System to include External Plumbing Services, Fittings and Fixtures outside the Building,Inspection Chambers, Manholes associated Pipework as directed by the Engineer.	SUM			
	<u>Externally</u>				
	Allow for connection to the existing Water line	SUM			
	Allow for connection to the existing Water line	SUM			
	Carried to collection				

ITEM No.	DESCRIPTION	UNIT	QTY	RATE	KSHS
No.	CLASS Z: SIMPLE BUILDING WORKS INCIDENTAL TO CIVIL ENGINEERING WORKS				
	Cabled Building Services				
	Supply, Instal, Test and Commissionthe following Electrical Materials/Fittings				
	LIGHTING POINTS				
	Lighting Point wired in 3 x 1.5mm ² SC-PVC-CU Cables drawn in 20mm diameter HG PVC Conduits concealed inside Walls c/w all neccesary accessories excluding Switches and Fittings for:				
IZ772.I	One Way Switching	Nr	20		
I <i>Z</i> 772.2	Two Way Switching	Nr	2		
	5A Moulded Ivory Switch Plates as 'Crabtree' or other equal and approved as follows:				
IZ772.3	One Gang One Way	Nr	12		
IZ772.4	Two Gang One Way	Nr	4		
IZ772.5	Two Gang Two Way	Nr	2		
	Carried to collection				

ITEM No.	DESCRIPTION	UNIT	QTY	RATE	кѕнѕ
	CLASS Z: SIMPLE BUILDING WORKS INCIDENTAL TO CIVIL ENGINEERING WORKS				
	LIGHTING FITTINGS				
	Light Fittings c/w fixed accessories and Lamps as follows;				
1Z781.1	I 200mm I x 36W Flourescent Batten Fitting of slim cross-section with clip-on cover plate and adjustable end cap system as <i>Thorn</i> Popular Pack Batten or approved equivalent	Nr	19		
1Z781.2	60W Ball Fitting	Nr	20		
	SOCKET OUTLETS & POWER POINTS				
IZ784.I	Socket Outlet Point comprising wiring in $3 \times 2.5 \text{mm}^2$ SC-PVC-CU Cables concealed in 20mm diameter HG PVC Conduits	Nr	2		
	I 3A 2 Gang Switching Moulded Socket Outlet Plate as <i>Crabtree</i> or approved equivalent	Nr	2		
	CONSUMER UNIT/DISTRIBUTION BOARD				
	12 Way SP/N Consumer Unit flush mounted on Wall c/w 100A SP/N Integral Isolator as <i>Crabtree</i> or approved equivalent	Nr	I		
	Carried to collection				

ITEM No.	DESCRIPTION	UNIT	QTY	RATE	кѕнѕ
	CLASS Z: SIMPLE BUILDING WORKS INCIDENTAL TO CIVIL ENGINEERING WORKS				
	CONSUMER UNIT/DISTRIBUTION BOARD (Contd.)				
	Single Pole Miniature Circuit Breakers to fit into the above Consumer Unit as follows:				
1Z781.2	IOA SP	Nr	8		
1Z781.3	30A SP	Nr	2		
IZ781.4	Blanking Plate	Nr	6		
	SUB-MAINS CABLES				
IZ714	$2 \times 25 \text{mm}^2 + 10 \text{mm}^2$ Single Core Copper Cables drawn inside HG Conduits	LM	80		
	Standard Cable Loop-in Box made in 14 Gauge Galvanized Steel Sheet	Nr	2		
1Z781.2	Cut-Out c/w SP 80A HRC Fuses	Nr	3		
	Single Tarrif Meter Box made from 14 Gauge SWG Galvanized Steel Sheet c/w Bonding Screw and viewing Glass	Nr	I		
	Carried to collection				

ITEM No.	DESCRIPTION	UNIT	QTY	RATE	KSHS
140.	CLASS Z: SIMPLE BUILDING WORKS INCIDENTAL TO				
	CIVIL ENGINEERING WORKS				
	SUB-MAINS CABLES (Contd.)				
	Electrical Earthing comprising 6.00mm² Single Core Copper Cables	ITEM	1		
	drawn inside HG Conduits, I 500mm long Copper Electrode c/w				
	Clamp and Precast Concrete Inspection Pit with Cover				
	Carried to collection				

ITEM No.	DESCRIPTION	UNIT	QTY	RATE	KSHS
	BILL No.2: SEPTIC TANK				
	CLASS F: INSITU CONCRETE				
	Provide and place as directed				
	Mass Concrete Class 15/20				
2F511	Concrete Class 15/20 in 50mm blinding layer	СМ	I		
2F511.1	Ditto but to Inlet and Outlet M.H.	СМ	0.1		
2F511.2	Concrete in 100mm Scum Baffle	СМ	1		
2F511.3	Base Concrete - Soak Pit	СМ	0.2		
	Vibrated Reinforced Concrete Class 20/25				
2F622	Base Concrete - Septic Tank (4.9 x 3.5 x 0.15m)	СМ	3		
2F631.1	Roof Slab - Septic Tank	СМ	3		
2F631.2	Roof Slab 150mm thick - Inlet and Outlet M.H.	СМ	0.1		
	Carried to collection				

ITEM No.	DESCRIPTION	UNIT	QTY	RATE	кѕнѕ
	BILL No.2: SEPTIC TANK				
	CLASS F: INSITU CONCRETE (Contd.)				
2F622	Base Concrete 100mm thick - Inlet and Outlet Chamber	СМ	0.1		
2F631	Soak Pit Cover I.8m diameter	СМ	0.5		
	CLASS G: CONCRETE ANCILLARIES				
	Provide and fix Shutterin, including Propping Strutting				
	<u>Vertical Formwork - Rough Finish</u>				
2G142.1	Sides of 150mm Septic Tank Base	SM	3		
2G142.2	Sides of 150mm Inlet and Outlet Chamber Base	SM	I		
2G142.3	Sides of 120mm Roof Slab	SM	2		
2G142.4	Sides of 120mm Soak Pit Cover Slab	SM	I		
	<u>Vertical Formwork - Fair Finish</u>				
2G242	Walls of the 100mm thick Scum Baffle	SM	12		
	Carried to collection				

ITEM No.	DESCRIPTION	UNIT	QTY	RATE	KSHS
	BILL No.2: SEPTIC TANK				
	CLASS G: CONCRETE ANCILLARIES (Contd.)				
	<u>Reinforcement</u>				
	Provide and fix high tensile Steel Reinforcement to SRN127 including Cutting, Bending, Propping with Spacers and Tying				
	Roof Slab				
2G523.1	D10 Bars to Roof Slab	Kgs	40		
2G523.2	Ditto but to Scum Baffle Walls	Kgs	30		
2G522	D8 to Soak Pit Cover Slab	Kgs	20		
2G524	D12 Bars to Roof Slab	Kgs	65		
	CLASS I: PIPEWORK				
	Includes:Provision, Laying Jointing of Pipes, Excavating and Backfilling				
21513	PVC Pipes, nominal bore n.e. 200mm in Trenches 1.5m	SUM	I		
	Carried to collection				

ITEM No.	DESCRIPTION	UNIT	QTY	RATE	KSHS
140.	BILL No.2: SEPTIC TANK				
	CLASS I: PIPEWORK (Contd.)				
	Includes:Provision, Laying Jointing of Pipes, Excavating and Backfilling				
	Concrete Manhole Covers				
2K252.1	Precast Concrete: Area below 0.5m²	Nr	2		
2K252.2	Ditto but to Soak Pit	Nr	I		
	CLASS J: PIPEWORK				
	Fittings & Valves				
	Manhole Inlet & Outlet				
2J421	Manhole Inlet & Outlet				
	PVC Wate Pipes, nominal bore n.e. 200mm	SUM	1		
	Carried to collection				

ITEM No.	DESCRIPTION	UNIT	QTY	RATE	KSHS	
140.	BILL No.2: SEPTIC TANK					
	CLASS U: BRICKWORK,BLOCKWORK AND MASONRY					
	Stone Masonry					
	Provide and place approved Stone Masonry bedded in Cement:Sand 1:3 Mortar as directed by the Engineer					
2U522	Circular Masonry Wall of Soak Pit 0.6m high	SM	45			
2U511	Block Walling - Inlet and Outlet Chamber	SM	4			
2U521	Block Walling - Septic Tank	SM	32			
	CLASS Z: SIMPLE BUILDING WORKS INCIDENTAL TO CIVIL ENGINEERING WORKS					
	Surface Finishes					
	30mm thick Waterproof.both internally & externally for all Walls					
2Z411	Cement/Sand Screed on Floors	SM	13			
2Z413.1	Cement/Sand Plaster on Internal & Walls of Septic Tank	SM	27			
2Z413.2	Ditto but to Inlet & Outlet Chambers	SM	3			
	Carried to collection					

ITEM No.	DESCRIPTION	UNIT	QTY	RATE	кѕнѕ		
	BILL No.3: TEACHER'S QUARTERS						
	CLASS E: EARTHWORKS						
	Excavations shall include for strutting, shuttering, stabilizing excavated surfaces and keeping excavations free of general surface water bailing out, pumping or other means						
3 E4	Excavation for Foundation						
3E411	Excavate oversite average 150mm deep to remove vegetable soil	SM	40				
3E322	Excavate from the reduced level maximum depth 0.25 - 0.5m for Slab foundation	СМ	14				
3E321.1	Excavate in material other than top soil, rock or artificial hard material for foundation trenches 600mm wide Maximum depth not exceeding 0.25m	СМ	5				
3E321.2	Ditto but to 6No.Column Bases 800mm x 800mm x 200mm	СМ	I				
3E322.1	Maximum depth 0.25 - 0.5m	СМ	14				
3E322.2	Ditto but to 6No.Column Bases 800mm x 800mm x 200mm	СМ	I				
	Carried to collection						

ITEM No.	DESCRIPTION	UNIT	QTY	RATE	кѕнѕ			
	BILL No.3: TEACHER'S QUARTERS							
	CLASS E: EARTHWORKS							
3 E4	Excavation for Foundation(Contd.)							
3E323.1	Maximum depth 0.5 - 1.0m	CM	10					
3E323.2	Ditto but to 6No.Column Bases 800mm x 800mm x 200mm	СМ	2					
	Maximum depth 1.0 - 2.0m From the finished Trench level for 32No.Column Bases 1200 x 1200 x 300mm deep	СМ	1					
3 E5	Excavation Ancilliaries Disposal of excavated material Approved material shall be retained for backfilling and unsuitable material shall be disposed tip as directed by the Engineer							
3E531	Top Soil	СМ	6					
3E532	Material other than top soil, rock or artificial hard material	СМ	38					
3 E6	<u>Filling</u>							
3E647	<u>Hardcore</u> 300mm thick Hardcore, well placed and compacted 2 layers	СМ	8					
	Approved Murram Place and Compact approved Murram maximum 50mm thick	SM	2					
	Carried to collection							

ITEM No.	DESCRIPTION	UNIT	QTY	RATE	KSHS		
	BILL No.3: TEACHER'S QUARTERS						
	CLASS E: EARTHWORKS						
3 E6	<u>Filling</u>						
	<u>Approved Murram</u>						
	<u>Ditto: But to Foundation Footing</u> Return, Fill and Ram selected excavated material as directed by the Engineer	СМ	10				
	Chemical Anti-Termite Treatment(Gladiator) the Compacted Murran	SM	30				
	CLASS F: IN SITU CONCRETE						
	Provide and place Concrete						
3F5	Mass Concrete strength Grade 15/20						
3F511.1	50mm thick blinding to Strip Footing	СМ	I				
3F511.2	Ditto but to Column Bases	CM	I				
F6	Vibrated Reinforced Concrete strength Grade 20/20						
3F621	100mm thick Floor Slab	СМ	4				
3F622	200mm thick Column Footings	CM	1				
3F662	200mm x 250mm deep Ring beams	СМ	2				
	Carried to collection						

ITEM No.	DESCRIPTION	UNIT	QTY	RATE	KSHS		
	BILL No.3: TEACHER'S QUARTERS						
	CLASS F: IN SITU CONCRETE (Contd.)						
3F6	Vibrated Reinforced Concrete strength Grade 20/20						
3F652	200mm x 200mm x 3700mm high Columns	СМ	1				
	CLASS G: CONCRETE ANCILLIARIES						
	Formwork rough finish						
3G241	Plane vertical - sides of Floor slab	SM	3				
3G242	Plane vertical - sides of Column Footings	SM	2				
3G243	Ring beams 200mm x 250mm deep	SM	12				
3G282	Plane vertical - sides of Columns n.e. 4m high	SM	18				
3G563	A 142 Fabric Mesh Rrinforcement to BS 4483 in Concrete Slab 100mm thick, Nominal mass 3 - 4 Kg/m²	SM	33				
	Reinforcement						
	Bars: Mild Steel hot rolled to BS 4449						
3G512.1	Nominal size 8mm to Ring Beam	Kg	42				
3G512.2	Ditto but to Column Rings	Kg	34				
	Carried to collection						

ITEM No.	DESCRIPTION	UNIT	QTY	RATE	KSHS		
	BILL No.3: TEACHER'S QUARTERS						
	CLASS G: CONCRETE ANCILLIARIES (Contd.)						
	Reinforcement						
	Bars: High Yield Tensile Steel twisted to BS 4449						
3G524.1	Nominal size 12mm to Ring Beam	Kg	62				
3G524.2	Ditto but to Columns	Kg	63				
3G524.3	But to Strip Footing	Kg	95				
	CLASS O: TIMBER						
	Softwood Components						
	Provide and fix the following approved items of Sawn Cypress Grade 2. Pressure Impregnated with all leads and lifts complete etc. for Roofing						
30114.1	100 x 50mm Rafters	LM	30				
30114.3	100 x 50mm Tie Beams	LM	20				
30115.1	75 x 50mm Purlins	LM	60				
20			_				
30112	100 x 50mm King Posts	LM	5				
	Carried to collection						

ITEM No.	DESCRIPTION	UNIT	QTY	RATE	кѕнѕ
	BILL No.3: TEACHER'S QUARTERS				
	CLASS O: TIMBER (Contd.)				
30112.1	100 x 50mm Struts & Ties	LM	16		
30112.2	100 x 50mm Collar Splices	LM	10		
	<u>Wall Plate</u>				
	Secured with 12mm diameterAnchor Bolt 300mm long at 1mc/c cast in Concrete Ring Beam(m/s)				
30114.1	100 x 50mm Wall Plate	LM	25		
30114.3	200 x 25mm Fascia Boards	LM	30		
	Carried to collection				

ITEM No.	DESCRIPTION	UNIT	QTY	RATE	кѕнѕ	
	BILL No.3: TEACHER'S QUARTERS					
	CLASS U: BRICKWORK, BLOCKWORK AND MASONRY					
3U5	Stone Masonry					
	Provide and place approved Stone Masonry bedded in Cement:Sand(1:3) mortar with 25mm wide Hoop Iron at alternate courses					
	<u>Sub-structure</u>					
	Natural Quarry Stone Walling:200mm thick					
3U521.1	Foundation Walling	SM	35			
	Super-structure					
	Machine Dressed Natural Quarry Stone Walling					
3U521	Walls 200mm thick	SM	71			
	Carried to collection					

ITEM	DESCRIPTION	UNIT	QTY	RATE	KSHS
No.		ONT	QII	KATL	KSHS
	BILL No.3: TEACHER'S QUARTERS CLASS V: PAINTING				
	<u>Oil Paint</u>				
3V333	Prepare and Apply Three Coats of First Grade Oil Paint to Plastered Wall Surfaces at an an angle exceeding 60° to the horizontal				
	Internally Skirting 100mm high	SM	3		
	Emulsion Paint				
	Prepare and Apply Three Coats of First Grade Silk Vinyl Emulsion Paint to: Plastered Wall Surfaces at an an angle exceeding 60° to the horizontal				
	Internally				
3V533.I	Above Skirting Level	SM	90		
	Prepare and Apply Three Coats of First Grade Matt Emulsion Paint to Ceiling Surfaces at an an angle exceeding 60° to the horizontal				
3V533.2	Ditto but to Weatherguard Paint externally	SM	65		
	Prepare and Apply Three Coats of First Grade Silk Vinyl Emulsion Paint to: Timber Surfacesof width not exceeding 300mm				
	<u>Externally</u>				
3V526	Fascia Boards	LM	30		
	Carried to collection				

ITEM No.	DESCRIPTION	UNIT	QTY	RATE	KSHS
	BILL No.3: TEACHER'S QUARTERS				
	CLASS W: WATERPROOFING				
3W136	Provide and Place an approved Damp Proof Course	LM	35		
	Roofing				
	Sheet Metal				
3W321.1	Pre-painted Green Galvanized Iron Sheets 30 gauge	SM	42		
3W321.2	Provide and fix Ridge Capping to match Item W321	LM	7		
3W326	Provide and fix Gutter to match Item W321	LM	14		
3W324	Provide and fix Down Pipe to match Item W324.2	LM	12		
	Windows, Doors and Glazing				
	Rate to include Supply of Materials/Fittings, Fixing and/or Drilling, Cutting				
	of associated Works and Painting with 3 Coats of Paint				
	<u>Doors</u>				
	Rate to include Frames, Hinges, Locks, Handles, Stoppers and Fixing in				
	accordance with the Specifications				
3Z313	T Door 2000 x 850mm	Nr	I		
3Z323	Steel Casement Door 2000 x 850mm	Nr	I		
	Carried to collection				

ITEM No.	DESCRIPTION	UNIT	QTY	RATE	кѕнѕ
	BILL No.3: TEACHER'S QUARTERS				
	CLASS Z: SIMPLE BUILDING WORKS INCIDENTAL TO CIVIL ENGINEERING WORKS				
	Windows, Doors and Glazing (Contd.)				
	<u>Windows</u>				
	Rate to include 4mm thick Glazing				
	Steel Casement Windows				
3Z321.1	Window size 900 x 1000mm (W1)	Nr	2		
3Z162	Pelmet Boxes 1400mm (L) x 200mm (W) c/w Curtain Rods to	Nr	2		
	match Item No. Z321.1				
	Carried to collection				

ITEM	DESCRIPTION	UNIT	QTY	RATE	KSHS
No.	BILL No.3: TEACHER'S QUARTERS				
	CLASS Z: SIMPLE BUILDING WORKS INCIDENTAL TO CIVIL ENGINEERING WORKS				
	Surface Finishes				
3Z411	Cement/Sand 20mm Screed on Floors	SM	30		
3Z413.1	Cement/Sand 20mm Plaster on Internal Walls	SM	90		
3Z413.2	Cement/Sand 20mm Plaster on External Walls	SM	65		
3Z415.I	Cement/Sand 20 x 100mm high Skirting on Internal Walls	LM	30		
3Z415.2	Cement/Sand 20 x 600mm high Plinth on External Walls	LM	20		
	Cabled Building Services Supply, Instal, Test and Commissionthe following Electrical Materials/Fittings Allow for Connection of Electrical Power to the Building as directed by the Engineer	SUM			
	Carried to collection				

ITEM							
No.	DESCRIPTION	UNIT	QTY	RATE	KSHS		
	BILL No.4: DORMITORY - COMPLETION						
	CLASS E: EARTHWORKS						
	Excavations shall include for strutting, shuttering, stabilizing excavated surfaces and keeping excavations free of general surface water bailing out, pumping or other means						
4 E4	Excavation for Foundation						
4E411	Excavate oversite average 150mm deep to remove vegetable soil	SM	230				
	Excavate from the reduced level maximum depth 0.25 - 0.5m for Slab foundation	СМ	86				
	Excavate in material other than top soil, rock or artificial hard material for foundation trenches 600mm wide						
4E321.1	Maximum depth not exceeding 0.25m	CM	23				
4E321.2	Ditto but to 24No.Column Bases 1200mm x 1200mm x 300mm	СМ	9				
4E322.1	Maximum depth 0.25 - 0.5m	СМ	23				
4E322.2	Ditto but to 24No.Column Bases 1200mm x 1200mm x 300mm	СМ	9				
	Carried to collection						

ITEM No.	DESCRIPTION	UNIT	QTY	RATE	KSHS
	BILL No.4: DORMITORY - COMPLETION				
	CLASS E: EARTHWORKS				
4 E4	Excavation for Foundation(Contd.)				
4E323.1	Maximum depth 0.5 - 1.0m	СМ	45		
4E323.2	Ditto but to 32No.Column Bases 1200mm x 1200mm x 300mm	СМ	18		
	Maximum depth 1.0 - 2.0m From the finished Trench level for 32No.Column Bases 1200 x 1200 x 300mm deep	СМ	11		
4 E5	Excavation Ancilliaries				
	Disposal of excavated material Approved material shall be retained for backfilling and unsuitable material shall be disposed tip as directed by the Engineer				
4E531	Top Soil	СМ	34		
	Material other than top soil, rock or artificial hard material	СМ			
4 E6	<u>Filling</u>				
	<u>Hardcore</u> 300mm thick Hardcore, well placed and compacted 2 layers	СМ	50		
	Approved Murram Place and Compact approved Murram maximum 50mm thick	SM	162		
	Carried to collection				

ITEM No.	DESCRIPTION	UNIT	QTY	RATE	кѕнѕ		
1101	BILL No.4: DORMITORY - COMPLETION						
	CLASS E: EARTHWORKS						
4 E6	<u>Filling</u>						
	Approved Murram						
	<u>Ditto: But to Foundation Footing</u> Return, Fill and Ram selected excavated material as directed by the Engineer	СМ	170				
	Chemical Anti-Termite Treatment(Gladiator) the Compacted Murran	SM	162				
	CLASS F: IN SITU CONCRETE						
	Provide and place Concrete						
4F5	Mass Concrete strength Grade 15/20						
4F511.1	50mm thick blinding to Strip Footing	СМ	6				
4F511.2	Ditto but to Column Bases	СМ	2				
4F6	Vibrated Reinforced Concrete strength Grade 20/20						
4F621	100mm thick Floor Slab	СМ	23				
4F622	300mm thick Column Footings	СМ	П				
4F662	200mm x 300mm deep Ring beams	СМ	9				
	Carried to collection						

ITEM No.	DESCRIPTION	UNIT	QTY	RATE	кѕнѕ
	BILL No.4: DORMITORY - COMPLETION				
	CLASS F: IN SITU CONCRETE (Contd.)				
4F6	Vibrated Reinforced Concrete strength Grade 20/20				
4F652	200mm x 200mm x 4000mm high Columns	СМ	4		
	CLASS G: CONCRETE ANCILLIARIES				
	Formwork rough finish				
4G241	Plane vertical - sides of Floor slab	SM	7		
4G242	Plane vertical - sides of Column Footings	SM	35		
4G243	Ring beams 200mm × 300mm deep	SM	121		
4G282	Plane vertical - sides of Columns n.e. 4m high	SM	77		
4G563	A 142 Fabric Mesh Rrinforcement to BS 4483 in Concrete Slab	SM	191		
	100mm thick, Nominal mass 3 - 4 Kg/m ²				
	Reinforcement				
	Bars: Mild Steel hot rolled to BS 4449				
4G512.1	Nominal size 8mm to Ring Beam	Kg	251		
4G512.2	Ditto but to Column Rings	Kg	100		
	Carried to collection				

ITEM No.	DESCRIPTION	UNIT	QTY	RATE	KSHS		
	BILL No.4: DORMITORY - COMPLETION						
	CLASS G: CONCRETE ANCILLIARIES (Contd.)						
	Reinforcement						
	Bars: High Yield Tensile Steel twisted to BS 4449						
4G524.1	Nominal size 12mm to Ring Beam	Kg	494				
4G524.2	Ditto but to Columns	Kg	401				
4G524.3	But to Strip Footing	Kg	790				
	CLASS O: TIMBER						
	Softwood Components						
	Provide and fix the following approved items of Sawn Cypress Grade 2. Pressure Impregnated with all leads and lifts complete etc. for Roofing						
404							
40114.1	150 x 50mm Rafters	LM	110				
401143	Div. L Hr	LM	00				
40114.2	Ditto but to Hips	LM	90				
401143	I50 x 50mm Tie Beams	LM	85				
14.3	130 X SOITHIT THE DEATHS	LI'I	03				
401144	Ditto but to Hips	LM	85				
170117.4	Dicto but to riips	LIT	03				
	Carried to collection						

ITEM No.	DESCRIPTION	UNIT	QTY	RATE	KSHS
	BILL No.4: DORMITORY - COMPLETION				
	CLASS O: TIMBER (Contd.)				
40115.1	100 x 50mm Purlins	LM	265		
40115.2	Ditto but to Hips	LM	60		
40112	I 50 x 50mm King Posts	LM	25		
40111	Ditto but to Hips	LM	5		
40112.1	100 × 50mm Struts & Ties	LM	155		
40112.2	Ditto but to Hips	LM	55		
	·				
401123	I50 x 50mm Collar Splices	LM	25		
	Wall Plate		23		
	Secured with I2mm diameterAnchor Bolt 300mm long at I mc/c cast in Concrete Ring Beam(m/s)				
40114.1	I 00 x 50mm Wall Plate	LM	70		
40114.2	Ditto but to Entrance Porch	LM	8		
	Carried to collection				

ITEM No.	DESCRIPTION	UNIT	QTY	RATE	KSHS
	BILL No.4: DORMITORY - COMPLETION				
	CLASS O: TIMBER (Contd.)				
40114.3	200 x 25mm Fascia Boards	LM	70		
	Entrance Porches				
40112.1	75 x 50mm Rafters	LM	15		
40112.2	75 x 50mm Tie Beams	LM	10		
40112.3	75 x 50mm King Posts	LM	2		
40112.4	75 x 50mm Struts & Ties	LM	5		
40112.5	75 x 50mm Collars	LM	3		
40112.6	250 x 25mm Fascia Boards	LM	20		
	<u>Fittings and Fastenings</u>				
4051	Straps	Nr	10		
4054	Bolts	Nr	200		
	Carried to collection				

ITEM No.	DESCRIPTION	UNIT	QTY	RATE	KSHS
	BILL No.4: DORMITORY - COMPLETION				
	CLASS U: BRICKWORK, BLOCKWORK AND MASONRY				
4U5	Stone Masonry				
	Provide and place approved Stone Masonry bedded in Cement:Sand(1:3) mortar with 25mm wide Hoop Iron at alternate courses				
	<u>Sub-structure</u>				
	Natural Quarry Stone Walling:200mm thick				
4U521.1	Foundation Walling	SM	191		
	Super-structure				
	Machine Dressed Natural Quarry Stone Walling				
4U521	Main Walls 200mm thick	SM	265		
	CLASS V: PAINTING				
	<u>Oil Paint</u>				
4V333	Prepare and Apply Three Coats of First Grade Oil Paint to Plastered Wall Surfaces at an an angle exceeding 60° to the horizontal				
	<u>Internally</u>				
4V333.1	Skirting 100mm high	SM	17		
4V333.2	Below Window Level 800mm high	SM	140		
	Carried to collection				

ITEM No.	DESCRIPTION	UNIT	QTY	RATE	KSHS
	BILL No.4: DORMITORY - COMPLETION				
	CLASS V: PAINTING (Contd.)				
	Emulsion Paint				
4V533	Prepare and Apply Three Coats of First Grade Silk Vinyl Emulsion Paint to: Plastered Wall Surfaces at an an angle exceeding 60° to the horizontal				
	<u>Internally</u>				
4V533.I	Above Window Level 800mm high	SM	283		
	Prepare and Apply Three Coats of First Grade Matt Emulsion Paint to Ceiling Surfaces at an an angle exceeding 60° to the horizontal				
	Externally Weatherguard Paint	SM	191		
	Prepare and Apply Three Coats of First Grade Silk Vinyl Emulsion Paint to: <u>Timber Surfacesof width not exceeding 300mm</u>				
	<u>Externally</u>				
4V526	Fascia Boards	LM	72		
	Carried to collection				

ITEM No.	DESCRIPTION	UNIT	QTY	RATE	кѕнѕ
	BILL No.4: DORMITORY - COMPLETION				
	CLASS W: WATERPROOFING				
4W136	Provide and Place an approved Damp Proof Course	LM	107		
	Roofing				
	Sheet Metal				
4W321.1	Pre-painted Green Galvanized Iron Sheets 30 gauge	SM	274		
4\\/3212	Ditto but to Entrance Porches	SM	20		
777321.2	Ditto but to Littraffee Forches	311	20		
4W321.3	Provide and fix Ridge Capping to match Item W321	LM	45		
4W321.4	Ditto but to Entrance Porches	LM	6		
4W326.1	Provide and fix Gutter to match Item W321	LM	72		
4W326.2	Ditto but to Entrance Porches	LM	6		
4)4/22 4	Duranida and fin Davin Bira to march large NA/224.2	1 14	F0		
400324	Provide and fix Down Pipe to match Item W324.2	LM	50		
	Carried to collection				

ITEM No.	DESCRIPTION	UNIT	QTY	RATE	KSHS
	BILL No.4: DORMITORY - COMPLETION				
	CLASS Z: SIMPLE BUILDING WORKS INCIDENTAL TO CIVIL ENGINEERING WORKS				
	Windows, Doors and Glazing				
	Rate to include Supply of Materials/Fittings, Fixing and/or Drilling, Cutting of associated Works and Painting with 3 Coats of Paint				
	<u>Doors</u>				
	Rate to include Frames, Hinges, Locks, Handles, Stoppers and Fixing in accordance with the Specifications				
4Z313.1	Hardwood Panel Double Shutter Door 1600 x 2400 c/w Fanlight	Nr	2		
	<u>Windows</u>				
	Rate to include 4mm thick Glazing				
	Steel Casement Windows				
4Z321.1	Window size 1500 x 1500mm (W1)	Nr	16		
4Z321.2	Window size 1500 x 300mm (W2)	Nr	2		
	Pelmet Boxes 1900mm (L) x 200mm (W) c/w Curtain Rods to match Item No. Z321.1	Nr	16		
	Carried to collection				

ITEM	DESCRIPTION	UNIT	QTY	RATE	KSHS
No.	BILL No.4: DORMITORY - COMPLETION				
	CLASS Z: SIMPLE BUILDING WORKS INCIDENTAL TO CIVIL ENGINEERING WORKS				
	Surface Finishes				
4Z411	Cement/Sand 20mm Screed on Floors	SM	182		
4Z413.1	Cement/Sand 20mm Plaster on Internal Walls	SM	385		
4Z413.2	Cement/Sand 20mm Plaster on External Walls	SM	145		
4Z415.1	Cement/Sand 20×100 mm high Skirting on Internal Walls	LM	200		
4Z415.2	Cement/Sand 20 x 600mm high Plinth on External Walls	LM	65		
	Piped Building Services				
	Rate to include Supply of Materials/Fittings, Fixing and/or Drilling, Cutting of associated Works, Testing and Commissioning				
	Allow for Connection of Water to the Buiding as directed by the Engineer	SUM	I		
	Allow for Connection of Waste Water to the Buiding as directed by the Engineer	SUM	I		
	Carried to collection				

ITEM No.	DESCRIPTION	UNIT	QTY	RATE	KSHS
140.	BILL No.4: DORMITORY - COMPLETION				
	CLASS Z: SIMPLE BUILDING WORKS INCIDENTAL TO CIVIL ENGINEERING WORKS				
	Cabled Building Services				
	Supply, Instal, Test and Commissionthe following Electrical Materials/Fittings 				
	Allow for Connection of Electrical Power to the Buiding as directed by the Engineer	SUM	1		
	Carried to collection				

Bill No.	DESCRIPTION	KSHS
I	Carried to Collection Page 6 to 27	
2	Carried to Collection Page 28 to 32	
	Carried to Collection Page 33 to 43	
3	Less Amounts already Paid (V.A.T Excl.)	
	Amount now Quoted (V.AT. Excl.)	
4	Carried to Collection Page 44 to 56	
	TOTAL	
	Add I6% V.A.T	
	GRAND TOTAL	

Amount in words: Kenya Shillings
Tenderer's Signature
Address
Date:
Witness Signature:
Address
Date:



























