

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	PROPOSED CONSTRUCTION OF MULT-PURPOSE HALL AT MUREMBU SECONDARY SCHOOL				
	ELEMENT NO. 1 SUBSTRUCTURES (* All provisional*)				
A	Clear site of all grass and small trees not exceeding 600mm girth and cart away or burn arisings.	454	SM		
B	Excavate for reduced level average 150mm deep commencing at vegetable soil level	454	SM		
C	Excavate for reduced level average 150mm deep commencing at vegetable soil level	454	SM		
D	Excavate foundation trenches commencing at reduced level and not exceeding 1.50m deep.	87	CM		
E	Excavate for column pits commencing at reduced level and not exceeding 1.50m deep.	73	CM		
F	Load, wheel and cart away from site surplus excavated material and deposit in approved dumping area.	234	CM		
G	Return fill and ram selected excavated material around foundations.	63	CM		
H	Allow for keeping excavations free from all water by pumping or otherwise.	1			
I	Ditto; for plunking and strutting to sides of excavations.	1			
J	Hardcore filling in making up levels exceeding 300mm thick, depositing and compacting in layers of 150mm maximum thickness	454	SM		
K	50 mm thick stone dust blinding to surfaces of hardcore	454	SM		
	Total to Collection Page				

ITEM	DESCRIPTION	QNTY	UNIT	RATE	AMOUNT
	Concrete Works				
A	50 mm plain concrete (1:4:8 - class 15/20mm) blinding in strip footing.	58	SM		
B	Column bases	49	SM		
	Vibrated Reinforced Concrete class 20/20mm in;				
C	Strip footing	12	CM		
D	Column bases	15	CM		
E	Columns	2	CM		
F	150mm thick floor bed	454	SM		
G	Steel fabric mesh reinforcement type A142 weighing 2.22Kg/M ² and to BS 4483 and with 150 mm side laps (measured net - no allowance for laps)	454	SM		
	Sawn formwork to :				
H	Sides of strip footing and column bases	97	SM		
I	Edges of ground floor bed exceeding 75mm but not exceeding 100mm girth.	121	LM		
J	Sides of column	8	SM		
	Quarry stone walling in cement mortar(1:4) as described including reinforcing with 500 gauge hoop iron in every alternate course				
K	200mm walling reinforced with and including hoop iron ties as described.	158	SM		
	Bituminous Damp Proof Course bedded and jointed in cement sand mortar 1:3.				
L	200 mm wide.	140	LM		
	Total to Collection Page				

ITEM	DESCRIPTION	QNTY	UNIT	RATE	AMOUNT
	<u>SURFACE TREATMENT</u>				
A	"Termidor" or other equal and approved antitermite insecticide treatment to blinded hardcore surfaces applied in accordance with manufacturer's instructions.	454	SM		
B	1000 gauge polythene sheeting laid under concrete floor bed.	454	SM		
	<u>Reinforcement</u>				
	High tensile deformed bars BS 4449 as described in :	960			
C	Assorted Bars	3190	Kgs		
	<u>Plinth treatment.</u>				
E	12mm thick cement sand 1:4 render to plinth surfaces.	21	SM		
F	Prepare and apply three coats of bitumastic paint to rendered surfaces.	21	SM		
	Total to Collection Below				
	<u>Collection Page</u>				
	Brought forward from page 1				
	Brought forward from page 2				
	Brought forward from above				
	Total to Summary				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	SUPERSTRUCTURE(ALL PROVISIONAL)				
	ELEMENT 02				
	REINFORCED CONCRETE				
	<u>Superstructures</u>				
	Vibrated reinforced concrete (1:2:4) Class 20/20mm in :				
A	Beams.	8	CM		
B	Columns	6	CM		
	<u>Sawn formwork to :</u>				
C	sides of beams	63	SM		
D	Sides of columns	122	SM		
	<u>Reinforcement</u>				
	High tensile deformed bars BS 4449 as described in :				
E	Assorted bars	1,540	KG		
	TOTAL CARRIED FORWARD				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	ELEMENT 03				
	WALLING				
	Extenal walls <u>Smooth chisel dressed quarry stone walling bedded and jointed in cement and sand mortar(1:4) with and including 16 gauge hoop iron at every alternate course.</u>				
A	150mm thick natural stone walling including smooth stone dressing on one side	291	SM		
B	Ditto for neat keying to mortar joints including wire brushing	291	SM		
	Internal Walling				
C	150mm thick natural stone walling a.b.d	130	SM		
	TOTAL CARRIED FORWARD				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	ELEMENT 04				
	ROOFING				
A	Gauge 28 IT5 profile sheets nailed to purlins	440	SM		
B	IT5 Ridge capping	38	LM		
	Structural steel work				
	<u>Unframed mild steel including all necessary cutting, welding, grinding and two coats calcium plumbate primer before fixing as described</u>				
C	100 x 50 x 2mm Z purlin	1989	LM		
	<u>Framed mild steelwork to detail, complete with all associated fittings and connections including all necessary cutting, welding, grinding and two coats calcium plumbate primer before fixing as described</u>	9			
D	50 X 50 X 2 mm square hollow section ties and struts	2701	KG		
E	75x 50 x 2 mm THS (king post ,top and bottom chords)	2414	KG		
F	75x50x3mm Wall joint bracket	28	KG		
TOTAL CARRIED FORWARD					

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	TOTAL BROUGHT DOWN				
	<u>Rain water goods</u>				
	<u>Gutters</u>				
A	150 x 100mm galvanized iron gutter gauge 24 fixed to fascia boards (m/s) with and including approved steel brackets at 1000mm centres	66	LM		
B	Extra over gutter for stopped ends	14	NO		
C	Ditto but for 100 mm diameter outlet	14	NO		
	<u>Downpipe</u>				
D	100 mm diameter galvanised iron downpipe gauge 24 fixed to wall with and including holder butts at 1000mm centres	42	LM		
E	Extra over downpipe for swanneck 1200mm long	14	NO		
F	Ditto horse shoe 300 mm long	14	NO		
	<u>Touch up primer prepare and apply three coats gloss oil paint on metal surface as described in:</u>				
G	Surface of gutter 200-300mm girth	66	LM		
	TOTAL CARRIED FORWARD				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	ELEMENT 04				
	DOORS.				
	Standard Steel casement metal grille door; of approved manufacture with hinges, handles and lock; fixed with lugs built into concrete or block work; pointed externally in mastic and finished with one coat zinc chromate primer				
A	Steel panel double leaf door size 1800x2700mm high	1	NO		
B	Steel panel double leaf door size 1500x2700mm high	4	NO		
C	Steel panel double leaf door size 1200x2700mm high	2	NO		
D	Steel panel double leaf door size 900x2700mm high	2	NO		
E	Prepare and apply one undercoat and two finishing coats of gloss oil paint to general metal surfaces.	65	SM		
	Flush Doors				
F	45 mm thick solid cored flush door leaf size 900 x 2100 mm; lipped all round with hardwood lipping.	7	NO		
	The following in wrot cypress				
G	100 x 50 mm door frame with one labour.	22	LM		
H	80 x 25 mm architrave with one labour.	22	LM		
I	25mm quadrant.	22	LM		
TOTAL CARRIED FORWARD					

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	TOTAL BROUGHT DOWN				
	Ironmongery. Supply and fix the following Ironmongery as "Union" or other equal and approved to wood with matching screws.				
A	Three lever "Union" mortise lock with lever furniture.	7	NO		
B	100 mm pressed steel butt hinges.	11	Prs		
	Prepare and apply one coat of aluminium wood primer				
C	Prime back of wood before fixing to concrete not exceeding 100 mm girth.	22	LM		
D	Prepare and apply one undercoat and two finishing coats of glos oil paint to timber general surfaces.	3	SM		
E	Ditto; not exceeding 100mm girth	44	LM		
	TOTAL CARRIED FORWARD				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	ELEMENT 05				
	WINDOWS				
	Supply and Fix the following purpose-made Mild Steel casement windows complete with all necessary brass, ironmongery, mild steel burglar proofing comprising 16mm diameter twisted members welded to frame and rail and painted before delivery with red oxide, complete with opening accessories including cutting and fixing lugs and pointing all round in cement mortar with vertically pivoted sashes as described; (All as per Architect's window schedule; the contractor is advised to ask for the schedule before pricing)				
A	3000 X 2025mm high	11	NO		
B	3000 X 1500mm high	3	NO		
C	1800 X 1100mm high	1	NO		
D	900 X 1500mm high	7	NO		
E	600 X 600mm high	4	NO		
F	5 mm thick obscure sheet glass and glazing in panes 0.1 - 1.0 SM with approved metal putty.	3	SM		
G	5 mm thick clear sheet glass and glazing in panes 0.1 - 1.0 SM with approved metal putty.	72	SM		
H	Prepare and apply three coats of gloss oil paint to metal window surfaces measured flat overall; internally.	94	SM		
I	Ditto; externally.	94	SM		
TOTAL CARRIED FORWARD					

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	ELEMENT 06				
	EXTERNAL FINISHES				
	Wall Finishes				
A	15mm thick render to beams	42	SM		
	INTERNAL FINISHES.				
	Floor finishes				
	Beds and backings				
B	32mm thick one coat backings; wood floated to receive ceramic tiles (m/s) to concrete or blockwork base: to floor.	370	SM		
	Approved coloured non-slip floor tiles				
C	8mm Thick in floors	370	SM		
D	8 x 150mm High skirting tile	129	LM		
	Wall finishes.				
E	12 mm thick cement and sand plaster 1:4; steel trowel.	421	SM		
F	Prepare and apply one undercoat and two finish coats of plastic emulsion paint to plastered wall surfaces; internally.	421	SM		
	TOTAL CARRIED TO GRAND SUMMARY				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	SUMMARY				
A	SUBSTRUCTURES				
B	REINFORCED CONCRETE FRAME				
C	SUPERSTRUCTURE WALLING				
D	ROOFING				
E	DOORS				
F	WINDOWS				
G	FINISHES				
TOTAL CARRIED TO GRAND SUMMARY					

ITEM	DESCRIPTION	QTY	UNIT	RATE	SHS.
	<p><u>PROPOSED CONSTRUCTION OF MULT-PURPOSE HALL AT MUREMBU SECONDARY SCHOOL</u></p> <p><u>P.C. AND PROVISIONAL SUMS</u></p> <p><u>The following provisional items are to be measured on completion of the works and priced in accordance with rates contained in these Bills of Quantities or pro-rata thereto or deducted in whole if not required.</u></p> <p><u>Contingency</u></p>				
A	Allow for Contingency Sum of Kenya Shillings Two Hundred Thousand only		SUM		200,000.00
	<p><u>PROJECT MANAGER'S EXPENSES</u></p> <p><u>NOTES ON DISBURSEMENT OF FUNDS</u></p> <p><i>The funds referred to in items hereinafter shall be paid to the P.M.'s account in two equal installments; The first in demand and reimbursable in the subsequent interim payment upon his claim and second one in the second month reimbursable in the following Interim payment upon claim.</i></p>				
B	A provisional sum of Kenya Shillings Two Hundred Thousand only		SUM		200,000.00
C	A provisional sum of Kenya Shillings Four Hundred Thousand only for PMC Expenses		SUM		400,000.00
D	A provisional sum of Kenya Shillings Twenty Five Thousand only for Project branding		SUM		25,000.00
	<p><u>Mechanical works Installations</u></p>				
C	Allow a prime cost of Sum of Kenya Shillings One Hundred Thousand (Kshs. 100,000.00) only for Mechanical works Installation.		SUM		100,000.00
	<p><u>Electrical Works Installations</u></p>				
D	Allow a prime cost of Sum of Kenya Shillings One Hundred Twenty Thousand (Kshs. 120,000.00) only for Electrical Works Installations		SUM		120,000.00
E	Allow a prime cost of Sum of Kenya Shillings Seventy Thousand (Kshs. 70,000.00) only for kitchen sink worktop and other worktop		SUM		70,000.00
	<p>TOTAL FOR P.C. AND PROVISIONAL SUMS CARRIED TO GRAND SUMMARY</p>				1,115,000.00
	PCPS/1				

PROPOSED CONSTRUCTION OF MULT-PURPOSE HALL AT MUREMBU SECONDARY SCHOOL

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GRAND SUMMARY

ITEM	DESCRIPTION	TENDERER'S AMOUNT	OFFICIAL USE ONLY
1	BUILDER'S WORKS		
3	PC and Provisional Sums from page PC/1		1,115,000.00
	SUB TOTAL		
	ADD VAT @16%		
	TOTAL ESTIMATE		

Amount of tender in words: Kenya Shilings.....

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Tenderer's signature and stamp.....

Address.....

Date.....

Witness: Name and signature.....

Description.....

Address.....

Date.....