



**MINISTRY OF TRANSPORT, HOUSING
AND URBAN DEVELOPMENT AND
PUBLIC WORKS**

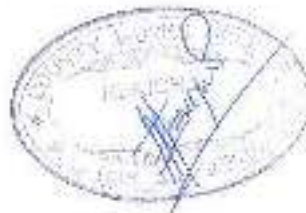
ESTIMATE

FOR

**PROPOSED ESTIMATES FOR
REMEASUREMENT OF WORKS
AT
KESAGETIET PRIMARY SCHOOL, P.O
BOX 2156, KERICHIO.**

PREPARED:

COUNTY WORKS OFFICER
MINISTRY OF PUBLIC WORKS
KERICHIO COUNTY,
P.O. BOX 7
KERICHO.



HEADTEACHER
KESAGETIET PRIMARY SCHOOL,
P.O. Box 2156-20200, KERICHIO
DATE 21/5/2023 SIGN [Signature]

ITEM	DESCRIPTION	Unit	BQ QTY	RM QTY	RATE	BQ AMOUNT	RM AMOUNT	
	<u>ELEMENT NO.1</u>							
	<u>SUBSTRUCTURE(ALL PROVISIONAL)</u>							
	<u>Site clearance</u>							
A	Clear area the site of grass, shrubs and bushes and cut away as directed	SM	570	725	80	45,600.00	58,000.00	
B	Excavate to remove vegetable soil and load wheel and deposit where directed average depth 200mm.	SM	570	725	210	119,700.00	152,250.00	
	Excavate including maintaining and supporting sides and keep it free from water, mud and falling materials							
C	Excavate to reduced level commencing from stripped level and spread on site			85	87	420	35,700.00	36,540.00
D	For column bases commencing at reduce level - i.e 1.5m deep	CM	9	72	480	4,320.00	34,560.00	
E	For foundation commencing at reduce level - i.e 1.5m deep	CM	168	190	300	50,400.00	57,000.00	
F	Extra over excavation for excavating in both types of rocks	CM	10	10	800	8,000.00	8,000.00	
	Total Carried Forward					263,720.00	346,350.00	

ITEM	DESCRIPTION	Unit	BQ QTY	RM QTY	RATE	BQ AMOUNT	RM AMOUNT
	<u>Disposal</u>						
A	Backfilling around foundation	CM	43	71	250	11,250.00	17,750.00
B	Load and cart away surplus soil	CM	123	119	420	51,660.00	49,980.00
C	Keep all excavation free from water	ITEM					
D	Planking and strutting to uphold excavation	ITEM					
	<u>Imported filling</u>						
E	Hardcore bed blinding to receive concrete, thickness 330mm	SM	507	583	300	152,100.00	174,900.00
F	Murrum in foundation beds and floor, thickness 500mm	SM	507	583	405	205,335.00	236,115.00
	<u>Damp-proof membranes</u>						
G	100 gauge single layer polythene sheeting laid under surface beds Anti-termite treatment	SM	507	583	130	65,910.00	75,790.00
H	Chemical anti termite treatment executed by an approved specialist under a ten year guarantee to surface of hardcore	SM	507	583	190	96,330.00	110,770.00
	<u>Plain Concrete works class 15(1:4:8)</u>						
I	Blinding under foundation and bases thickness 50mm	SM	112	188	925	103,600.00	173,900.00
	Total Carried Forward					686,185.00	839,205.00

KESAGETIET PRIMARY SCHOOL FINAL ACCOUNT

ITEM	DESCRIPTION	Unit	BQ QTY	RM QTY	RATE	BQ AMOUNT	RM AMOUNT
	<u>ELEMENT NO.2</u> <u>REINFORCED</u> <u>CONCRETE</u> <u>SUPERSTRUCTURE</u>						
	<u>Concrete work</u> <u>Vibrated reinforced</u> <u>concrete class 20 in :-</u>						
A	Suspended roof slab, thickness -150mm	SM	507	585	1,520	770,640.00	886,160.00
B	Landing slabs, thickness-150mm	SM	5	9	1,520	7,600.00	13,680.00
C	Beams	CM	56	47	11,500	644,000.00	540,500.00
D	Columns	CM	32	30	11,500	368,000.00	345,000.00
E	Staircase	CM	0	5	11,500	0.00	59,000.00
F	350mm thick concrete in ring beams	SM	0	36	1,520	0.00	54,720.00
	<u>Reinforcement</u>						
G	Assorted reinforcement bars RC frame	KG	12000	0	140	1,680,000.00	0.00
	<u>Deformed high tensile mild</u> <u>steel bars to BS 4461</u> <u>complete with cutting,</u> <u>bending, tying wire, stools</u> <u>and spacer blocks:-</u>						
H	T8 diameter bars	KG	0	600	140	0.00	84,000.00
I	T10 diameter bars	KG	0	4461	140	0.00	624,540.00
J	T12 diameter bars	KG	0	6123	140	0.00	857,220.00
K	T16 diameter bars	KG	0	1150	140	0.00	161,000.00
	Total Carried Forward					3,470,240.00	3,635,820.00

KESAGETIET PRIMARY SCHOOL FINAL ACCOUNT

ITEM	DESCRIPTION	Unit	BQ QTY	RM QTY	RATE	BQ AMOUNT	RM AMOUNT
	<u>Furmwork</u>						
	<u>Fairfaced furmwork in:-</u>						
A	Soffits of suspended roof slab	SM	507	583	440	223,080.00	256,520.00
B	Soffits of landings	SM	23	26	440	10,120.00	11,440.00
C	Sloping Soffits of stairs	SM	22	23	440	9,680.00	10,120.00
D	Sides of columns	SM	245	112	490	120,050.00	54,880.00
E	Sides and soffit of beams	SM	230	245	490	98,000.00	120,050.00
F	Ditto but re ring beams	SM	0	568	490	0.00	278,320.00
G	Edges of suspended slab ditto (75 to 150mm girth.)	LM	127	175	90	11,430.00	15,840.00
H	Edges of risers 75 to 150mm high	LM	66	54	110	7,260.00	5,940.00
I	Edges of stairs,extreme height -400mm	LM	15	18	110	1,650.00	1,980.00
	Total Carried Forward					481,270.00	755,690.00

KESAGETIET PRIMARY SCHOOL FINAL ACCOUNT

ITEM	DESCRIPTION	Unit	BQ QTY	RM QTY	RATE	BQ AMOUNT	RM AMOUNT
	<u>COLLECTION</u>						
	From page 6					3,470,240.00	3,635,820.00
	From page 7					481,270.00	755,090.00
TOTAL FOR RC SUPERSTRUCTURE CARRIED TO SUMMARY							
						3,951,510.00	4,390,910.00

ITEM	DESCRIPTION	Unit	BQ QTY	RM QTY	RATE	BQ AMOUNT	RM AMOUNT
	ELEMENT NO.3						
	WALLING						
	<u>External walling</u> <i>Machine-cut natural stone walling bedded in cement and sand mortar (1:3) including bedding, joining and pointing</i>						
A	Walling, thickness-200mm- Ground floor	SM	1215	1415	1,470	1,786,050.00	2,080,350.00
B	Walling, thickness-200mm-Ga	SM	5	23	1,470	7,350.00	29,400.00
	<u>Bituminous hessian base to BS 743 type A; or other equal and approved damp-proof course; in cement/sand (1:3) mortar</u>						
C	200mm wide	LM	0	324	250	0.00	81,000.00
D	Extra for fair face and raked horizontal joints and vertical joints reinforcement as described	SM	672	672	126	84,572.00	84,672.00
	ADDITIONAL WORKS TO:						
	<u>Flower bed, entrance steps, Verander extension, Ramp</u> <i>Machine-cut natural stone walling bedded in cement and sand mortar (1:3) including bedding, joining and pointing</i>						
E	Walling, thickness-200mm- Ground floor	SM	0	71	1,470	0.00	104,379.00
	Total Carried Forward					1,878,072.00	2,379,492.00

KESAGETIET PRIMARY SCHOOL FINAL ACCOUNT

ITEM	DESCRIPTION	Unit	BQ QTY	RM QTY	RATE	BQ AMOUNT	RM AMOUNT
	<u>Expansion joint</u>						
A	31mm thick expansion joint	SM	0	.89	300	0.00	26,700.00
Total Carried Forward							0.00 26,700.00

KESAGOTIET PRIMARY SCHOOL FINAL ACCOUNT

ITEM	DESCRIPTION	Unit	BQ QTY	RM QTY	RATE	BQ AMOUNT	RM AMOUNT
	<u>COLLECTION</u>						
	From page 9					1,878,072.00	2,379,492.00
	From page 10					0.00	26,700.00
TOTAL FOR WALLING CARRIED TO SUMMARY						1,878,072.00	2,406,192.00

KESAGETIET PRIMARY SCHOOL FINAL ACCOUNT

ITEM	DESCRIPTION	Unit	BQ QTY	RM QTY	RATE	BQ AMOUNT	RM AMOUNT
	ELEMENT NO.4						
	ROOFING AND RAIN WATER DISPOSAL						
	ROOF COVER						
A	Galvanised corrugated sheet roofing gauge 28:pre-painted covering the 45degrees from horizontal,fixing to timber purlins(m/s) with roofing nails and neoprene washer /J.Bolts nuts and stud caps at centers 500mm	SM	660	1343	925	610,500.00	1,242,275.00
B	Ridge caps	LM	70	53	420	29,400.00	22,360.00
C	Hip caps	LM	40	32	420	16,800.00	13,440.00
	Roof structure						
	Timber trusses						
	<u>Sawn coloured second grade</u> <u>express in :</u>						
D	Tie beam -150 x 50mm	LM	520	500	250	130,000.00	125,000.00
E	100 x 50mm trussed rafter	LM	700	650	210	147,000.00	132,500.00
F	Wall plate rag-bolter at 1200 mm centers with 12mm diameter bolts	LM	50	355	210	31,500.00	73,300.00
G	100 x 50mm king post	LM	100	110	210	21,000.00	23,100.00
H	75 x 50mm purlins	LM	800	533	170	136,000.00	90,610.00
I	100 x 50mm ties and struts	LM	120	240	210	25,200.00	155,400.00
J	150x 100mm ceiling joist	LM	0	500	400	0.00	200,000.00
	Total Carried Forward					1,147,400.00	2,079,775.00

KESAGETIET PRIMARY SCHOOL FINAL ACCOUNT

ITEM	DESCRIPTION	Unit	BQ QTY	RM QTY	RATE	BQ AMOUNT	RM AMOUNT
A	<u>Went Cypress treated fascia and barge board</u> 325 x 25 mm fascia and barge board	LM	140	131	510	71,400.00	66,810.00
B	<u>Prepare and apply "Crown Ruff and Tuff" painting including finishing with two coats of silk vinyl emulsion paint</u> <u>Painting</u> Knot, prime, stop and apply one undercoat and two finishing coats of oil paint on general wood surfaces of wood work exceeding 200mm but not exceeding 300mm girth	LM	6	131	150	9.00	19,650.00
C	Tongue and grooved boarding secreted milled to cypress beams or bracing at centers <u>Rainwater disposal</u> <u>24 Gauge galvanized mild steel gutter and fittings</u>	SM	80	80	1,750	140,000.00	140,000.00
D	Purpose made box gutter with clips and bolts and fixed to fascia board with brackets size 150 x 150mm	LM	128	124	250	32,000.00	31,000.00
E	Extra for outlet in gutter - diameter 130mm	NO	80	8	90	7,200.00	720.00
F	Extra for 90 degree bends	NO	8	8	120	960.00	960.00
	Total Carried Forward					251,560.00	259,140.00

KESAGOTTIET PRIMARY SCHOOL FINAL ACCOUNT

ITEM	DESCRIPTION	Unit	BQ QTY	RM QTY	RATE	BQ AMOUNT	RM AMOUNT
A	<u>Rainwater disposal etc</u>						
	75 mm diameter rainwater downpipe fixed with and including mild steel straps at 900mm centers plugged and screwed to wall	LM	110	130	130	16,500.00	22,500.00
B	<u>Extra over downpipe for :-</u>						
	Swan neck bends	NO	8	8	120	960.00	960.00
C	U.P.V.C pipes, gutters and fittings to B.S 4576 Part 1 (References to Terrain Product Handbook)						
	Pipes (2100) with solvent welded joints cast into concrete column or beam, diameter -150mm	LM	120	150	510	51,200.00	76,500.00
D	Prepare and apply two coats bituminous paint						
	Internal surface of gutters and external small pipes	SM	48	60	290	13,340.00	17,430.00
E	Prepare, prime and apply two undercoats and one gloss finishing coat oil paint						
	General surfaces	SM	64	72	310	19,840.00	22,520.00
Total Carried Forward						111,840.00	139,680.00

KESAGETIET PRIMARY SCHOOL FINAL ACCOUNT

ITEM	DESCRIPTION	Unit	BQ QTY	RM QTY	RATE	BQ AMOUNT	RM AMOUNT
	ELEMENT NO. 5						
	EXTERNAL FINISHES						
	<u>Keying and pointing with a square 12 rod</u>						
A	Precast concrete paving block jointed and grouted up in cement and sand (1:3) mortar 600mm x 50mm thick paving block laid on and including 30mm bed of sand jointed	SM	74	74	1,260	93,240.00	93,240.00
	Cement and sand (1:3) rendering						
B	Rendering to walls finished with a wood float, thickness 18mm	SM	17	0	310	5,270.00	0.00
C	12mm thick cement and sand (1:3) keying and pointing to walls externally	SM	0	1134	310	0.00	351,540.00
D	Ditto to beams	SM	142	347	310	44,020.00	107,570.00
E	Ditto to columns	SM	54	149	310	16,740.00	46,115.60
F	Ditto to doors and windows	SM	0	85	310	0.00	26,350.00
	Prepare and apply three coats crown "Permaplast" paint						
G	Rendered walls externally	SM	17	1134	380	6,460.00	430,920.00
H	Rendered beams externally	SM	142	347	380	53,960.00	131,860.00
	Total Carried Forward					219,690.00	1,187,595.60

RESAGETIET PRIMARY SCHOOL FINAL ACCOUNT

ITEM	DESCRIPTION	Unit	BQ QTY	RM QTY	RATE	BQ AMOUNT	RM AMOUNT
	<u>External painting CTD</u>						
	Prepare and apply "crown Ruff and Tuff Paint including finishing with two coats of silk vinyl emulsion paint						
A	Rendering columns externally	SM	52	149	850	45,500.00	126,446.00
B	Rendering doors and windows externally	SM	0	85	850	0.00	72,250.00
	<u>Louvered vents</u>						
C	Powder coated louvered vent panels with including bird proof gauze wire, main frame, infilled, fixed and painted externally in masic	SM	0	12	2,400	0.00	28,800.00
	Total Carried Forward					45,900.00	227,496.00

KESAGETIET PRIMARY SCHOOL FINAL ACCOUNT

ITEM	DESCRIPTION	Unit	BQ QTY	RM QTY	RATE	BQ AMOUNT	RM AMOUNT
	<u>COLLECTION</u>						
	From page 16					219,690.00	1,187,595.60
	From page 17					45,900.00	227,496.00
TOTAL FOR EXTERNAL WORKS CARRIED TO SUMM						265,590.00	1,415,091.60

KESAGETIET PRIMARY SCHOOL FINAL ACCOUNT

ITEM	DESCRIPTION	Unit	BQ QTY	RM QTY	RATE	BQ AMOUNT	RM AMOUNT
ELEMENT NO. 6							
INTERNAL FINISHES							
<u>Line plaster (12mm backing and 3mm finishing coat) trowelled and finished smooth</u>							
A	Plaster to walls	SM	1250	1402	310	387,500.00	434,620.00
B	Plaster to soffits	SM	537	583	310	157,170.00	180,730.00
<u>Cement and sand (1:4) screed and bed dyced with red oxide</u>							
C	Beds to receive flooring, finished with a steel trowel, thickness -40mm	SM	1015	0	270	274,050.00	0.00
D	Backing to tile dados, thickness - 8mm	SM	70	34	120	8,400.00	4,080.00
E	300 x 300mm floor tile	SM	8	0	1,500	12,000.00	0.00
F	Dado bar on wall	SM	50	34	1,500	45,000.00	51,000.00
<u>Prepare and apply three coats silk vinyl emulsion paint</u>							
G	Plastered walls	SM	1250	1402	310	387,500.00	434,620.00
H	Plastered soffits	SM	537	583	310	157,170.00	180,730.00
<u>Fix only - ceiling finishes</u>							
<u>Approved seasoned softwood second grade pressure impregnated branding 50</u>							
I		LM	1102	1533	200	220,400.00	306,600.00
<u>Approved wrot cypress prime grade pressure impregnated moulded cornice 100 x 25mm</u>							
J		LM	245	313	475	115,375.00	148,675.00
Total Carried Forward						1,765,565.00	1,741,055.00

KESAGETIET PRIMARY SCHOOL FINAL ACCOUNT

ITEM	DESCRIPTION	Unit	BQ QTY	RM QTY	RATE	BQ AMOUNT	RM AMOUNT
A	Fix only - ceiling finishes C1D 13mm thick eucalypt ceiling boards nailed to 50 x 50mm timber bracing (n/s) nails punched and potted set to	LM	507	583	950	481,653.00	553,880.00
B	Prepare and apply three coats oil based paint full gloss to crown sole or equivalent Softboard surfaces	SM	507	583	380	192,660.00	221,540.00
C	Knot, prime and stop and prepare and apply three coat polythene matt varnish on wood-wood internally Moulded cornice not exceeding 100mm girth	LM	245	313	50	17,250.00	15,650.00
D	Prepare and apply three coats of first quality of black bitumastic paint to Chalk board	SM	0	50	300	0.00	15,500.00
Total Carried Forward						686,560.00	806,540.00

ITEM	DESCRIPTION	BQ Unit	QTY	RM QTY	RATE	BQ AMOUNT	RM AMOUNT
	ADDITIONAL WORKS						
	Floor finishes						
A	32mm thick cement and sand screed (1:3) sereed paving to receive ceramic tiles (m ²)	SM	0	673	450	0.00	302,850.00
B	300 x 300 x 10mm thick ceramic floor tiles pointed and fixed with an approved adhesive on prepared screed(m ²)	SM	0	381	1,500	0.00	871,500.00
C	400 x 400 x 10mm thick ceramic floor tiles pointed and fixed with an approved adhesive on prepared screed(m ²)	SM	0	92	1,500	0.00	138,000.00
D	300 x 10mm thick ceramic skirting tiles fixed with an appropriate adhesive	LM	0	327	350	0.00	114,450.00
E	400 x 10mm thick ceramic skirting tiles fixed with an appropriate adhesive	LM	0	64	350	0.00	22,400.00
	Polished terrazzo						
	Screed						
F	32mm thick cement and sand (1:3) screed paving to veranda to receive terrazzo	SM	0	255	650	0.00	114,750.00
	Terrazzo finish						
G	15mm thick polished terrazzo with and including plastic dividing strips	SM	0	255	2,550	0.00	650,250.00
H	150 x 25 mm thick high terrazzo skirting	LM	0	168	1,000	0.00	168,000.00
	Total Carried Forward					0.00	2,382,200.00

ITEM	DESCRIPTION	Unit	BQ QTY	RM QTY	RATE	BQ AMOUNT	RM AMOUNT
	<u>Staircase finishes</u>						
	<u>Screed</u>						
A	32mm thick cement and sand (1:3) screed paving to staircase landing to receive terrazzo	SM	11	106	450	0.00	47,700.00
B	Ditto in 300mm wide treads	LM	19	15	200	0.00	3,000.00
C	Ditto in 150mm risers	LM	9	54	200	0.00	10,800.00
	<u>Terrazzo finish</u>						
D	15mm thick polished terrazzo with and including plastic dividing strips	SM	0	37	2,550	0.00	94,350.00
E	Ditto in 300mm wide treads	LM	0	15	1,000	0.00	15,000.00
F	Ditto in 150mm risers	LM	0	54	1,000	0.00	54,000.00
J	150 x 25 mm thick high terrazzo skirting	LM	0	52	1,000	0.00	12,000.00
	<u>Plaster</u>						
H	12mm thick cement, lime and sand (1:2:9) plaster as before described to horizontal soffits	SM	0	26	310	0.00	8,060.00
I	Ditto to slopping soffits and gun string of stairs	SM	0	23	310	0.00	7,130.00
J	Prepare and apply one undercoat and two finishing coats of plastic emulsion paint	SM	0	49	310	0.00	15,190.00
	Total Carried Forward					0.00	267,230.00

KESAGETIET PRIMARY SCHOOL FINAL ACCOUNT

ITEM	DESCRIPTION	Unit	BQ QTY	RM QTY	RATE	BQ AMOUNT	RM AMOUNT
	<u>Flower bed, entrance steps, Verander extension, Ramp</u>						
	<u>Plaster</u>						
A	18mm thick cement, lime and sand (1:2-9) Rendering to walls finished with a wood floor thickness to sides of Flower bed, Verander extension, steps of Entrance and vertical sides of veranda	SM	0	18	310	0.00	5,580.00
B	Prepare and apply one undercoat and two finishing coats of plastic emulsion paint	SM	0	18	310	0.00	5,580.00
	<u>Polished terrace</u>						
	<u>Screed</u>						
C	12mm thick cement and sand (1:3) screed paving to Ramp, Entrance steps, Extension veranda to receive terrace	SM	0	29	450	0.00	13,050.00
	<u>Terrazo finish</u>						
D	15mm thick polished terrazzo with and including plastic dividing strips	SM	0	29	2,550	0.00	73,950.00
Total Carried Forward						0.00	98,160.00

ITEM	DESCRIPTION	Unit	BQ QTY	RM QTY	RATE	BQ AMOUNT	RM AMOUNT
	ELEMENT NO. 7						
	BALUSTRADES AND RAILING						
	Sundries						
A	Mortices in concrete for end of balustrades and rails on grouting in size 75 x 75 x 75 mm	NO	52	52	1,500	78,000.00	78,000.00
B	Mortices in wall for end of balustrades and rails on grouting in size 75 x 75 x 75 mm	NO	52	52	1,500	78,000.00	78,000.00
C	Wrought Mahogany	LM	52	52	3,700	140,400.00	140,400.00
	Fix only-Wrought ironwork staircase Balustrading						
D	Composite staircase ready primed balustrading composing top rail, bottom rails, balusters, braces and decorative art in iron to detail including all welding, finishing and fixing to and including concrete	LM	15	15	2,200	33,000.00	33,000.00
	Prepare and apply three coats polythene varnish to woodwork						
E	Surfaces 200 to 300mm girth	LM	52	52	100	5,200.00	5,200.00
	Total Carried Forward					334,600.00	334,600.00

KESAGETIET PRIMARY SCHOOL FINAL ACCOUNT

ITEM	DESCRIPTION	Unit	BQ QTY	RM QTY	RATE	BQ AMOUNT	RM AMOUNT
	Painting						
	Touch up primer and apply one undercoat and two finishing coats of 1st quality super gloss paint to:						
A	General surfaces of staircase (balustrading) both sides (measured as one)	SM	13	100	400	6,000.00	41,600.00
Total Carried Forward						6,000.00	41,600.00

ITEM	DESCRIPTION	Unit	BQ QTY	RM QTY	RATE	BQ AMOUNT	RM AMOUNT
	ELEMENT NO. 7						
	WINDOWS						
	<u>Machine cut dressed "rubbed Blue Stone" bedded and jointed in cement and sand (1:1) and pointed in tinted cement</u>						
A	100mm cill, width 300mm x 50mm thick weathered and throated	LM	69	61	150	10,350.00	9,150.00
	Supply assemble and fix purpose made steel casement windows to be glazed with 6mm laminated clear glass in 50 x 50mm white powder coated steel framing including bedding 50 x 50mm steel framing and section in cement and sand mortar and pointing in mastic						
B	Window with 3 no fixed light and 2 no top hung operable light including fasteners and stays overall size 1800 x 1700mm	NO	40	0	25,000	1,000,000.00	0.00
	Window with 3 no fixed light and 2 no top hung operable light including fasteners and stays overall size 1500 x 1700mm	NO	10	0	20,000	200,000.00	0.00
	Total Carried Forward					1,210,350.00	9,150.00

KESAGETIET PRIMARY SCHOOL FINAL ACCOUNT

ITEM	DESCRIPTION	BQ Unit	BQ QTY	RM QTY	RATE	BQ AMOUNT	RM AMOUNT
	<u>Windows CTD</u>						
C	Window with 3 no. fixed light and 2 no top hung openable light including fasteners and stays overall size 800 x 900mm	NO	3	0	6,000	18,000.00	0.00
D	Window with 3 no fixed light and 2 no top hung openable light including fasteners and stays overall size 1200 x 1150mm	NO	0	2	20,000	0.00	40,000.00
E	Window with 3 no fixed light and 2 no top hung openable light including fasteners and stays overall size 1400 x 1150mm	NO	0	30	20,000	0.00	600,000.00
F	Window with 3 no fixed light and 2 no top hung openable light including fasteners and stays overall size 1800 x 1150mm	NO	0	16	25,000	0.00	400,000.00
G	Window with 3 no fixed light and 2 no top hung openable light including fasteners and stays overall size 2000 x 1150mm	NO	0	1	25,000	0.00	25,000.00
H	Window with 3 no fixed light and 2 no top hung openable light including fasteners and stays overall size 1500 x 1150mm	NO	0	1	25,000	0.00	25,000.00
	Total Carried Forward					18,000.00	1,090,000.00

ITEM	DESCRIPTION	Unit	BQ QTY	RM QTY	RATE	BQ AMOUNT	RM AMOUNT
	Windows CTD						
1	Window with 3 no fixed light and 2 no top hung operable light including fasteners and stays overall size 1000 x 11500mm	NO	0	1	20,000	0.00	20,000.00
1	Window with 2 no fixed light and 1 no top hung operable light including fasteners and stays overall size 600 x 600mm	NO	0	4	6,000	0.00	24,000.00
	Glazing						
K	5mm thick clear sheet glazing panes over 0.5 but not 0.5 square metres fixed with putty	SM	123	90	1,470	180,810.00	132,300.00
	Prepare and apply three coats oil based paint, crown solo or equal to:						
1	General window surface not 300mm internal girth	SM	123	90	310	38,130.00	27,900.00
M	Surface of metal (buglar proof)	SM	123	90	310	38,130.00	27,900.00
	Total Carried Forward					257,070.00	232,100.00

ITEM	DESCRIPTION	Unit	BQ QTY	RM QTY	RATE	BQ AMOUNT	RM AMOUNT
	ELEMENT NO. 9						
	DOORS						
	Fix only-purpose made steel casement door made from heavy duty frame in panes incorporating permanent ventilating units with mosquito gauze. Lock plate fixed to masonry jambs, concrete head and threshold.						
A	Double leaf door, each divided into small panes including 3 No pairs hinges UNION 5 lever door lock, two sets of heavy duty lever handles, 2 No brackets for padlock welded on size 1200 x 2400mm	NO	9	13	21,000	189,000.00	273,000.00
	Prepare and apply two undercoats and one gloss finishing coat oil based paint to metal						
B	Door (both sides measured overall)	SM	25		310	7,750.00	0.00
	Wrot coloured cypress frame and framing						
C	150 x 50mm 2 No Labours plugged door frame	LM	108	51	1,070	158,760.00	74,970.00
D	40 x 25mm weathered architraves	LM	108	51	460	49,680.00	23,460.00
E	25mm rounded quadrant	LM	54	51	460	24,840.00	23,460.00
F	Embossing	LM	0	51	460	0.00	23,460.00
	Total Carried Forward					430,030.00	418,350.00

ITEM	DESCRIPTION	Unit	BQ QTY	RM QTY	RATE	BQ AMOUNT	RM AMOUNT
	45mm thick semi solid core flush doors to BS 459 part 2, veneered both sides with first quality polywood						
A	Door size 900 x 2400	NO	12	9	7,140	85,680.00	64,260.00
	Iron mongery						
B	Supply and fix an/en contolougue to softwood lock complete with set lever brass handle furniture.	NO	12	9	3,000	36,000.00	27,000.00
C	100mm steel butt hinges	NO	48	18	500	24,000.00	9,000.00
D	Rubber door stopper complete with 38mm rawl bolt	NO	38	5	75	2,100.00	675.00
	Prepare and apply three coats oil based paint, crown sola or equal to:						
E	General surface of flush doors	SM	42	39	310	13,020.00	12,090.00
	Total Carried Forward					160,800.00	113,025.00

ITEM	DESCRIPTION	Unit	BQ QTY	RM QTY	RATE	BQ AMOUNT	RM AMOUNT
	<u>ELECTRICAL WORKS</u>						
	<u>Supply, instal and commission the following:</u>						
	SWITCHES, LIGHT FITTINGS AND SOs AND DPs						
A	Lighting point wired using 3 x 1.5mm ² pvc single core cable drawn in 20mm heavy gauge pvc conduits concealed in walls; 1 gang 2 way switch.	NO		17	150		2,550.00
B	Dimin but 2gang 2way switch approved equity	NO		3	200		600.00
C	Power max LED 1200mm x 1 x 36 watts fluorescent fittings complete with open ended trough reflector as approved equivalent	NO		58	1,500		87,000.00
D	Power max LED 600mm x 1 x 36 watts fluorescent fittings complete with open ended trough reflector as approved equivalent	NO		20	1,200		24,000.00
E	30 w LED flood lights	NO		3	4,500		13,500.00
F	Power points 13A twin switched socket outlets as approved equivalent	NO		19	650		12,350.00
G	13A single switched socket outlets as approved equivalent	NO		39	450		17,550.00
	Total Carried Forward						157,550.00

KESAGETIET PRIMARY SCHOOL FINAL ACCOUNT

ITEM	DESCRIPTION	Unit	BQ QTY	RM QTY	RATE	BQ AMOUNT	RM AMOUNT
	Trunking						
A	Blanking covers	NO		100	70		7,000.00
B	MK single boxes	NO		55	70		4,130.00
C	MK double boxes	NO		19	100		1,900.00
D	Heavy gauge 20mm pvc conduits pipes	NO		300	250		75,000.00
E	Heavy gauge 20mm pvc junction boxes	NO		150	150		22,500.00
F	Heavy gauge 20mm pvc couple	NO		150	50		7,500.00
G	Heavy gauge 25mm pvc conduits pipes	NO		30	350		10,500.00
H	Heavy gauge 25mm pvc couple	NO		20	50		1,000.00
I	Heavy gauge 32mm pvc conduits pipes	NO		20	400		8,000.00
J	Heavy gauge 32mm pvc normal bends	NO		10	50		500.00
K	Heavy gauge 32mm pvc couple	NO		15	50		750.00
L	2 BA screws	NO		2	500		1,000.00
M	4 BA screws	NO		2	500		1,000.00
N	Cylind screws	NO		4	500		2,000.00
	Total Carried Forward						142,780.00

ITEM	DESCRIPTION	Unit	BQ QTY	RM QTY	RATE	BQ AMOUNT	RM AMOUNT
	<u>Protective devices</u>						
A	63A double pole MCB	NO		2	1,500		3,000.00
B	20A circuits breakers MCB	NO		10	1,000		10,000.00
C	11A circuits breakers MCB	NO		10	1,000		10,000.00
D	Distribution board	NO		2	4,500		9,000.00
E	MCB rail	NO		2	300		600.00
	<u>Wiring service duct cable</u>						
	<u>Copper cable</u>						
F	2.5mm single core sub-main cables	M		2300	80		184,000.00
G	10.0mm single core sub-main cables	M		31	500		15,500.00
H	1.5mm single core sub-main cables	M		3000	60		180,000.00
	<u>Earthing the installation comprises of:</u>						
I	1800mm x 15mm diameter pure copper earth electrode	M		2	2,000		4,000.00
J	10.0mm single core green/yellow earthing lead	M		20	500		10,000.00
K	Bar spur	NO		4	400		1,600.00
L	Precast earthing inspection chamber complete with cover	NO		1	2,000		2,000.00
M	Tongit	LTRS		2	3,000		6,000.00
	Total Carried Forward						435,700.00

KESAGETIET PRIMARY SCHOOL FINAL ACCOUNT

ITEM	DESCRIPTION	Unit	BQ QTY	RM QTY	RATE	BQ AMOUNT	RM AMOUNT
	<u>LIGHTNING PROTECTION</u>						
A	Lightning arrester	NO		2	6,000		12,000.00
B	25mmx3mm copper tape 30m	M		30	3,000		90,000.00
C	Copper saddles	NO		20	300		6,000.00
D	Test clamps	NO		4	4,500		18,000.00
E	Earth clamp	NO		4	3,000		12,000.00
F	Earth rod	NO		3	5,500		11,000.00
G	Square clamp	NO		2	2,500		5,000.00
H	Consulting and labour inclusive for fire fighting	ITEM					167,000.00
	Total Carried Forward						261,000.00

KPSAGETIET PRIMARY SCHOOL FINAL ACCOUNT

ITEM	DESCRIPTION	Unit	BQ QTY	RM QTY	RATE	BQ AMOUNT	RM AMOUNT
	<u>COLLECTION</u>						
	From page 36						157,550.00
	From page 37						142,780.00
	From page 38						435,700.00
	From page 39						261,000.00
TOTAL FOR ELECTRICAL WORKS CARRIED TO SUN						400,000.00	997,030.00

ITEM	DESCRIPTION	Unit	BO QTY	RM QTY	RATE	BO AMOUNT	RM AMOUNT
	PLUMPING WORKS						
	INTERNAL PLUMPING						
	AND WATER						
	RETICULATION						
	Supply, deliver, instal, test and commission galvanized mild steel tubing to BS 1387 medium grade with screwed and socketed joints to BS 21 and galvanised cast iron fittings to BS 143 and 1256 and all fittings						
A	20mm diameter	LM		100	600		60,000.00
B	25mm diameter	LM		65	800		52,000.00
	Extra over class B GI pipe for						
	90 degrees GI Bend						
C	25mm Dia	NO		10	80		800.00
D	20mm Dia	NO		15	80		1,200.00
	Fittings						
	GI Equal Tee						
E	25mm Dia	NO		5	80		400.00
F	20mm Dia	NO		5	80		400.00
	GI Union						
G	25mm Dia	NO		10	50		500.00
H	20mm Dia	NO		15	50		750.00
	Total Carried Forward						116,050.00

KESAGETIET PRIMARY SCHOOL FINAL ACCOUNT

ITEM	DESCRIPTION	Unit	BQ QTY	RM QTY	RATE	BQ AMOUNT	RM AMOUNT
	GI Nipples						
A	25mm Dia	NO		5	50		250.00
B	20mm Dia	NO		5	50		250.00
	Fittings						
	Back Nuts/ Tank connectors						
C	25mm Dia	NO		4	60		240.00
D	20mm Dia	NO		4	50		200.00
	GI Sockets						
E	25mm Dia	NO		4	50		200.00
F	15mm Dia	NO		10	50		500.00
	Hex nipples						
G	15mm Dia	NO		10	80		800.00
	ANCILLERIES						
	Supply and install pegler gun metal brass valves						
	Gate Valves						
H	25mm Dia	NO		1	800		800.00
I	20mm Dia	NO		1	550		550.00
	Ball Valve						
J	20mm dia	NO		1	100		100.00
	Total Carried Forward						3,890.00

ITEM	DESCRIPTION	Unit	BQ QTY	RM QTY	RATE	BQ AMOUNT	RM AMOUNT
	<u>INTERNAL PLUMBING - COLD WATER SERVICES</u>						
	Supply and install INDO GREEN PP-R pipe to DIN 8077, 8078 and made as pwr DIN 16962 and to conform to ISO EN 15874 standard. All pipe and fitting to conform to PN25						
A	32mm Dia	LM		24	720		17,280.00
B	25mm Dia	LM		84	460		38,640.00
	Extra over PPR pipe for:						
	90 degrees PPR Bend						
C	25mm Dia	NO		15	80		1,200.00
	Male adapter elbows						
D	25mm Dia x 1/2"	NO		8	80		640.00
	PPR Equal Tee						
E	25 x 25 x 25mm dia	NO		8	50		400.00
	<u>Fittings</u>						
	PPR Unequal Tee						
F	25 x 20 x 25mm dia	NO		5	50		250.00
	PPR reducer						
G	32 x 20mm dia	NO		6	50		300.00
	Total Carried Forward						58,719.00

ITEM	DESCRIPTION	Unit	BQ QTY	RM QTY	RATE	BQ AMOUNT	RM AMOUNT
Fittings							
A	PPR Male Screwed Bend 25 x 1/2" nom Dia	NO		2	150		300.00
B	Bottle traps 40mm dia	NO		1	330		330.00
C	52mm dia	NO		3	330		990.00
D	flexible tubes	NO		5	100		500.00
BUILDERS WORK							
E	Allow for chasing in wall for small diameter pipes	LM		300	100		30,000.00
F	Allow for cutting holes through slabs for small diameter pipes	NO		6	200		1,200.00
G	Joint glue 990ml	NO		3	800		2,400.00
H	Thread seal tapes	NO		2	400		800.00
I	Silicone sealant	NO		2	400		800.00
J	Basin fix screws	NO		2	330		660.00
K	Wood screws	NO		10	200		2,000.00
L	Box white	NO		1	400		400.00
M	pillar tape	NO		2	500		1,000.00
N	High level cistern	NO		2	200		400.00
Total Carried Forward							41,780.00

ITEM	DESCRIPTION	Unit	BQ QTY	RM QTY	RATE	BQ AMOUNT	RM AMOUNT
	SANITARY APPLIANCES						
A	<u>WATER CLOSET</u> Low level wash down WC suit as Twfords 'CLASSIC' comprising the following: WC bowl bottom outlet ref No. CC158WH, Dural valve flushing system, push button operation and all other necessary fittings and attachments required for proper operation. Heavy duty black seat and cover	NO		2	13,000		26,000.00
B	WC suit as Twfords white classic ie BS 1213, western type with s-trap outlet in white vitreous china clay material to BS 1402 = c/w flushing valve size 32mm as plumbex, chromium plated flush pipe 32mm diameter, fixing screws, seat and cover plus all accessories or equal to be approved	NO		1	6,500		6,500.00
Total Carried Forward							32,500.00

ITEM	DESCRIPTION	Unit	BQ QTY	RM QTY	RATE	BQ AMOUNT	RM AMOUNT
	<u>URINAL BOWLS</u>						
A	Urinal bowls as Twiford * CAMDEN1" complete with the following:- 'Cobra Watertech' Model No. FTS 002 chrome plated, push button 3/4" Flushmaster junior Exposed urinal flush valve, tap entry with integral ball-co stop valve and a wall plate complete with : Exposed chrome plated urinal flush and tail pipe with inlet adapter, Backmount spray rose/sprayer	NO		1	13,000		13,000.00
	<u>WATER TANK</u>						
B	Supply and fix PVC Rotary moulded water tank as ROFO size 1670dia2000mm high and capacity of 1000litres. The tank shall have 25mm diameter inlet connection, 3 no 32 mm dia outlet	NO		1	10,000		10,000.00
	Total Carried Forward						20,000.00

ITEM	DESCRIPTION	Unit	BQ QTY	RM QTY	RATE	BQ AMOUNT	RM AMOUNT
	ABOVE GROUND DRAINAGE						
	Supply and fix uPVC soil system to BS4668 and BS4515 and MuPVC wastesystem to BS 5255 with screwed and socketed joints to BS 21, solventwelded joints shall be as per the manufacture's written instructions.						
A	Golden brown MuPVC 100mm Dia	LM		200	200		40,000.00
B	Gray uPVC 100mm Dia	LM		20	150		3,000.00
C	Gray uPVC 50mm Dia	LM		20	100		2,000.00
D	Gray uPVC 40mm Dia	LM		24	100		2,400.00
	Extra over MuPVC waste pipework for the following:-						
E	Gray MuPVC sweep bend 110mm Dia	NO		4	330		1,320.00
	Extra over uPVC waste pipework for the following:-						
F	Gray uPVC sweep bend 50mm Dia	NO		4	200		800.00
G	Gray uPVC sweep Tee 110 X 110 X 110 mm Dia	NO		2	300		1,200.00
H	Gray uPVC sweep Tee 50 X 50 X 50 mm Dia	NO		8	300		2,400.00
	Total Carried Forward						53,120.00

ITEM	DESCRIPTION	Unit	BQ QTY	RM QTY	RATE	BQ AMOUNT	RM AMOUNT
	Fittings						
A	Grey uPVC sweep Tee 40 X40 X 40 mm Dia	NO		10	200		2,000.00
B	Bois connector 100 x 50mm dia.	NO		4	200		800.00
C	WC connector 100mm dia	NO		4	100		400.00
D	Flare Tee p. 100x 50mm	NO		4	480		1,920.00
E	Weathering plate 100mm dia.	NO		3	400		1,200.00
F	Vent Cowl 110 mm dia.	NO		1	200		200.00
G	Access Plug	NO		4	200		800.00
	BUILDERS WORK						
H	Allow for encasing drain pipe in concrete where it passes through foundation slab.- provide Surrounding Cover of 150mm thick	LM		294	100		29,400.00
I	Allow for chasing in wall for small diameter waste pipes	NO		10	300		3,000.00
J	Allow for forming holes through slabs for waste and soil pipes	NO		15	250		3,750.00
	Total Carried Forward						43,470.00

	management					700,000.00	
c)	Allow ksh 500,000 for contingencies					300,000.00	
	Allow ksh 300,000 for septic tank and associated works					700,000.00	
TOTAL PROVISIONAL SUMS CARRIED TO MAIN SUMMARY						800,000.00	

KESAGETIET PRIMARY SCHOOL FINAL ACCOUNT

ITEM	DESCRIPTION	Unit	BQ QTY	RM QTY	RATE	BQ AMOUNT	RM AMOUNT
FINAL ACCOUNT DOCUMENT FOR KESAGETIET PRIMARY SCHOOL							
GRAND SUMMARY							
<u>BILL NO</u>							
1	PARTICULAR PRELIMINARIES					275,000.00	275,000.00
2	BUILDER'S WORK					16,745,376.00	22,847,243.60
3	ELECTRICAL WORKS					400,000.00	997,030.00
4	PLUMPING WORKS					200,000.00	115,720.00
5	PROVISIONAL SUMS					800,000.00	
SUBTOTAL						18,420,376.00	24,534,993.60
ADD 16% VAT						2,947,260.16	3,925,598.98
TOTAL CARRIED TO FINAL ACCOUNT						21,367,636.16	28,460,592.58
AMOUNT IN							
WORDS.....							
NAME AND TENDERER.....							
ADDRESS.....							
SIGNATURE.....							
DATE:.....							
NAME OF WITNESS.....							
ADDRESS.....							
SIGNATURE.....							
DATE:.....							