

PROPOSED KITCHEN/DINING HALL AT NYAKWERI MIXED SECONDARY SCHOOL - SUBA NORTH SUB COUNTY

ITEM	DESCRIPTION	UNIT	QTTY	RATE
	ELEMENT NO. 1			
	SUBSTRUCTURE (ALL PROVISIONAL)			
A	Allow for plunking and strutting	Item		
B	Allow for keeping excavations free from underground, or storm water	Item		
C	Clear site of all bushes, shrubs and trees girth not exceeding 600mm grub out roots, stamps and dispose off	Sm	240	
D	Excavate over site average 200mm deep to remove vegetables soil, wheel and deposit of site directed	Sm	234	
E	Excavate for foundation trench not exceeding 1.5m deep starting from stripped level	Cm	42	
F	Ditto for column bases	Cm	8	
G	Return fill and ram selected materials around the foundations	Cm	22	
H	300mm hardcore filling well compacted to receive murrum (m.s)	Cm	60	
J	Cart-away all excavated materials where directed	Cm	32	
K	Murrum filling well watered compacted in layers of not exceeding 150mm thick to receive hard core filling.	Cm	34	
	Insecticide Treatment			
L	Premise 200cc or any other equal and approved anti-termite treatment applied as per manufacturers printed instructions	Sm	234	
	Carried collection			Kshs.

ITEM	DESCRIPTION	UNIT	QTTY	RATE
	Concrete Work			
A	50mm thick concrete 1:4:8 blinding under foundation	Sm	40	
B	Ditto column bases	Sm	15	
	Vibrated reinforced concrete 1:2:4 (class 20/20mm) in:-			
C	100mm thick floor slab and access ramp	Sm	234	
D	Ditto in strip foundation footing	Cm	8	
E	Ditto in column bases	Cm	2	
	Reinforcement			
F	One layer B.R.C Ref. No. A142 fabric reinforcement with 150mm end laps tying wire and spacer blocks weighing 2.22kg/Sm (measured nett, allow for laps)	Sm	234	
	<u>Reinforcement, as described, (ALL PROVISIONAL)</u>			
	<u>Bars: High tensile steel; cold worked; B.S 4449 including bends, hooks, tying wire, distance blocks and spacers</u>			
H	12mm diameter bar	Kg	78	
I	10mm diameter bar	Kg	170	
J	8mm diameter bar	Kg	59	
	Sawn form work to:-			
K	Sides of columns and bases	Sm	20	
L	Sides to strip foundation	Sm	30	
M	Sides and edges of floor bed 75-150mm high	Lm	68	
	Carried collection			Kshs

ITEM	DESCRIPTION	UNIT	QTTY	RATE
	Walling			
A	200mm thick natural stone walling in cement sand mortar	Sm	73	
	Damp proofing			
B	500mm gauge polythene damp proof memberane with 150mm (Min) end and side laps	Sm	224	
	Plinths			
D	12mm thick rendering in cement sand mortar 1:3	Sm	25	
E	Prepare and apply 3 coats block bitumious paint ditto	Sm	25	
	Precast concrete 1:2:4 paving slabs			
F	50mm thick in 600 x 600mm panels laid on and including 50mm thick consolidated bed of sand and jointed in cement and mortar	Sm	32	
	Carried to collection			Kshs
	COLLECTION			
	Total brought forward from NYMSS/K/D/Page 1			Kshs
	Total brought from NYMSS/K/D/Page 2			Kshs
	Total forward from above			Kshs
	Total for Element No 1 (Substructure)			Kshs
	Carried to Summary			

ITEM	DESCRIPTION	UNIT	QTTY	RATE
	ELEMENT NO. 2			
	SUPERSTRUCTURE FRAME WORKS			
	Vibrated reinforced concrete 1:2:4 (20/20)			

A	Ring beams and lintels	Cm	8	
B	Columns	Cm	3	
B	100mm suspended concrete worktop	Sm	6	
H	To soffits of work tops	Sm	6	
<i>Formwork</i>				
J	Edges of suspended slab 75--100mm wide	Lm	8	
C	Sides and soffit of beam	Sm	58	
D	Sides of columns	Sm	21	
<i>Reinforcement, as described, (ALL PROVISIONAL)</i>				
<i>Bars: High tensile steel; cold worked; B.S 4449 including bends, hooks, tying wire, distance blocks and spacers</i>				
F	12mm diameter bar	Kg	358	
G	8mm diameter bar	Kg	243	
<i>Total for Element No. 2 Superstructure frame works Carried to Summary</i>				Ksh.

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ITEM	DESCRIPTION	UNIT	QTTY	RATE
	<u>ELEMENT NO. 3 WALLING</u>			
	<u>EXTERNAL WALLS</u>			
	<u>Natural stone walls as local approved stone medium chisel dressed both sides: bedded, jointed and pointed in cement sand (1:3) mortar flush vertical and horizontal joints in</u>			
A	200mm thick walls	Sm	141	

B	Ditto 200mm thick gable walls	Sm	38	
	<u>Horizontal bituminous hessian bases to BS743 type A or other equal approved damp-proof course in cement/sand (1:3) mortar to:</u>			
C	200mm wide under walling	Lm	67	
	<u>INTERNAL WALLS</u>			
	<u>Natural stone walls as local approved stone: medium chisel dressed both sides: bedded, jointed and pointed in cement/sand (1:3) mortar: flush vertical and horizontal joints in:</u>			
D	200mm thick: ditto	Sm	58	
E	100mm thck: ditto	Sm	6	
D	200mm thick: ditto eaving filling	Sm	54	
Total for Element No 3(Walling)				Ksh.
Carried to Summary				

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ITEM	DESCRIPTION	UNIT	QTTY	RATE
	ELEMENT NO. 3			
	ROOFING			
A	Approved Gauge 28 Box profile blue in colour Manufactured by company laid in accordance to Architect's drawing	SM	262	
B	Ridge Cap 400mm wide	LM	24	
	<u>TIMBER TRUSSES</u>			
	<u>ALL PROVISIONAL</u>			

<u>The following Roof trusses as per 'T1' in first grade pressure impregnated sawn cypress including hoisting and placing in position</u>			
D	150 x 50mm Rafters	LM	164
E	Ditto tie beams	LM	132
F	Ditto king post	LM	24
G	75 x 50mm purlins	LM	513
H	100 x 50mm truts and ties	LM	234
J	Ditto collar splices	LM	10
K	100 x 50mm wall plate bolted to wall with and including 12mm diameter bolts 60mm long at 1000mm centres	LM	48
L	200 x 50mm fascia board	LM	88
N	Knot, prime stop and apply 3 coats super gloss oil paint to surface of fascia and verge board 200-300mm high	Lm	88
<i>Carried to Summary</i>			Ksh.

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ITEM	DESCRIPTION	UNIT	QTTY	RATE
ELEMENT NO. 4				
DOORS				
<i>Supply and fixed purpose made Steel doors to Architectural details</i>				
A	1500 x 2400mm high sliding door including 300mm high fanlight above	No	1	
B	Ditto 1200 x 2400 mm high	No	2	
<i>Glazing</i>				
E	5mm thick clear sheet glasses pane 0.1 but not exceeding 0.5mm ²	Sm	2	
<i>Painting and Decoration</i>				
Prepare and apply one coat primer one undercoat and two				

	coats gloss oil to crow solo or other equal and approved to:			
F	General surface of casement metal doors over 300mm girth generally	Sm	7	
	<i>Wrot celcured cypress frame and framing:-</i>			
G	100 x 50mm 2No. Labour plugged door frame	Lm	12	
H	100 x 50mm transome	Lm	3	
J	40 x 25mm weathered Architraves	Lm	15	
K	25mm rounded Quadrant	Lm	15	
	45mm thick semi solid core flush doors to B.S 459: Parts 2 veneered both sides with first quality plywood and lipped on all edges in approved hardwood			
L	Door size 900 x 2100mm high	No	2	
	<i>Carried to Collection</i>			Ksh.

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ITEM	DESCRIPTION	UNIT	QTTY	RATE
	Iron Mongery <i>Supply and fix the following to union catalogue or other equal and approved</i>			
	To soft wood, hardwood or like fix with screw			
A	Three lever mortice lock complete with set lever brass handle furniture	No	2	
B	100mm steel butt hinges	Prs	4	
C	Rubber door stop complete with 38mm rawl bolt	No	5	
	<i>Painting and Decoration</i> <i>Alluminium primer or other equal and approved wood primer before fixing</i>			
D	Black or frame board etc over 100m but not exceeding 200mm girth	Lm	15	

E	Knot prime stop and apply one undercoat and two coats of gloss oil paint to surfaces of timber	Sm	10	
F	Ditto but not over 100mm girth	Lm	15	
	Carried to collection			Kshs
	<u>COLLECTION</u>			
	Total brought forward from NYMSS/K/D/pg 7			Kshs
	Total forward from above			Kshs
Total for Element No. 4 (Doors)				Kshs
Carried to Summary				

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ITEM	DESCRIPTION	UNIT	QTTY	RATE
	ELEMENT NO. 5			
	WINDOWS			
	<i>Supply and fix the following standard Alluminium casement purpose made windows including all necessary cuttings lugs, stays and bedding into walls in cement sand mortar 1:4 complete with all necessary accessories and priming once in red-oxide with and including nominal burglar proofing in 25 x 10mm R.H.S bars at approved pattern including fanlight above</i>			
A	Window size 1500 x 1700mm high	No	9	
B	Ditto but size 1200 x 1200mm high	No	2	
	Glazing			
E	5mm thick tinted sheet glass in pane 0.1-0.5m ² fixed in			

	Alluminium window panes with putty	Sm	34	
	<u>Window Cill</u>			
F	Pre-cast concrete weathered and throated window cill 250x75 mm thick reinforced with 2No. 8mm diameter bars including all moulds and bedding in cement sand mortar 1:4	Lm	27	
	<u>Painting</u>			
	Prepare, primer and apply 3 coats of super gloss oil paint as "crown" or any other equal and approved to surface of:-			
G	Windows internally	Sm	34	
H	Window externally	Sm	34	
	Total for Element No. 5(Windows) Carried to Summary			Ksh.

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ITEM	DESCRIPTION	UNIT	QTTY	RATE
	ELEMENT NO. 6			
	<u>FINISHES</u>			
	<u>Walls</u>			
	<u>Lime gauged (1:1:6) Plaster as described masonry</u>			
A	12mm thick plaster in two coats to stone walls internally cement sand lime 1:1:6 with a smooth float to walls internally	Sm	298	
B	Ditto to reveals and jambs	Sm	8	
	<u>12mm thick mortar (1:4) Render as described masonry</u>			
C	12mm thick gauge cement sand render 1:4 to walls finished with a wood float externally	Sm	82	
D	Ditto columns and Ring Beam	Sm	42	
E	Ditto to surfaces of reveals and jambs	Sm	8	
	<u>Keying</u>			
H	Pointing/jointing horizontal and vertical joints with black bitumiuos paint	Sm	108	
F	Prepare and apply three coats of silk vinyl paint on plastered walls	Sm	306	

	<u>Painting and Decoration</u>			
G	Prepare and apply three coats of first quality emulsion paint on rendered walls externally	Sm	132	
	<u>Floor</u>			
J	38mm thick cement and sand (1:3) screed to receive floor tiles	Sm	234	
	<u>300x300x6mm coloured ceramic floor tiles as manufactured by SAJ' or other equal and approved on cement backing and pointing and joining in matching cement grout to :</u>			
K	Floor	Sm	234	
L	Ditto 100mm high	Lm	86	
	<u>Ceramic Floor Tiles on worktop</u>			
C	6mm thick ceramic floor tiles size 250 x 200mm laid with cement grout and joints pointed with white cement	Sm	6	
T	Ditto 100x200mm high skirting	Lm	8	
Total for Element No.6 (Finishes) Carried to Summary				Ksh.

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ITEM	DESCRIPTION	UNIT	AMOUN
	SUMMARY PAGE		
A	Element 1:Substructure Work From NYMSS/K/D/pg 3		
B	Element 2: Superstructure Frame Work From NYMSS/K/D/pg 4		
C	Element No.3: Walling From NYMSS/ K/D/pg5		
D	Element 3: Roofing Work From NYMSS/K/D/pg 6		
E	Element 4: Doors From NYMSS/K/D/pg8		
F	Element 5: Windows From NYMSS/ K/D/pg 9		
G	Element 6: Finishes From NYMSS/ K/D/pg 10		
TOTAL FOR BUILDER'S WORK CARRIED TO SUMMARY OF COMPONENTS		Kshs	

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ITEM	DESCRIPTION	AMOUN
	<u>PROVISIONAL SUMS</u>	
A	Allow for provisional sum of Kenya Shillings seventy thousand for Contingencies	
B	Allow for provisional sum of Kenya Shillings One hundred and fifty thousand for Electrical works	
	TOTAL FOR PROVISIONAL SUMS CARRIED TO SUMMARY	

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ITEM	DESCRIPTION	FOR OFFICIAL USE (KSHS.)
	<u>GRAND SUMMARY</u>	
A	Builder's work from NYMSS/K/D/Page 11	
B	Provisional from NYMSS/K/D/Page12	220,000.00
	Sub - Total	
	16% V A T	
C	Project Management By PMC	60,000.00
D	Project Supervision	30,000.00
E	Project Documentation	5,000.00

F	Project Branding and Erection of Sign Post	25,000.00
GRAND TOTAL		
CARRIED TO FORM OF TENDER		

Amount in words Kenya Shillings:

Tender's Name:.....

Address:.....

Signature & Stamp:.....

Date:.....

Witness Name:.....

Address:.....

Signature:.....

Date:.....

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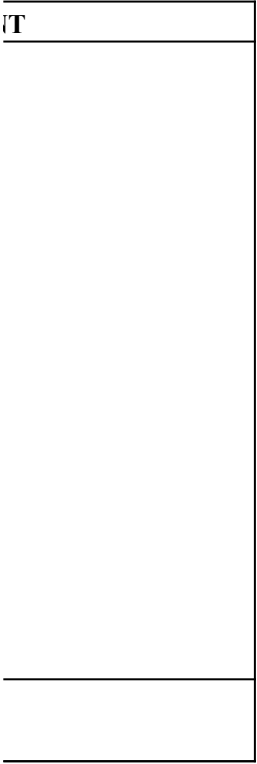
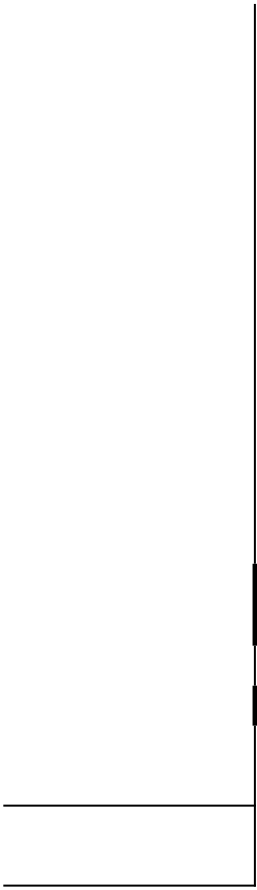
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IT (KSHS)

70,000.00

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220,000.00

FOR CONTRACTOR'S
USE (KSHS.)



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