

**PROPOSED ALTERATION AND REFURBISHMENT  
OF MASENO UNIVERSITY RETIREMENT  
BENEFIT SCHEME BUILDING (MURBS).  
(FOURTH FLOOR LEVEL).**

**BILLS OF QUANTITIES  
(PHASE 1)**

**CLIENT:-** MASENO UNIVERSITY RETIREMENT BENEFIT SCHEME.

**CONSULTANTS.**

**PROJECT MANAGER/ARCHITECT:-**

STATE DEPARTMENT OF PUBLIC WORKS,  
P.O BOX 821 - 40100,  
KISUMU.

**QUANTITY SURVEYOR:-**

STATE DEPARTMENT OF PUBLIC WORKS,  
P.O BOX 821 - 40100,  
KISUMU.

**STRUCTURAL ENGINEER.**

STATE DEPARTMENT OF PUBLIC WORKS,  
P.O BOX 821 - 40100,  
KISUMU.

**APPROVED.**  
**16.10.2024.**  
**COUNTY WORKS OFFICER**  
**MINISTRY OF PUBLIC WORKS**  
**KISUMU COUNTY**  
**P.O. Box 821, Kisumu - 40100**

Aug-24

# DEMOLITION

COUNTY WORKS OFFICER  
MINISTRY OF PUBLIC WORKS  
KISUMU COUNTY  
P.O. BOX 40120

[illegible]

Item	Description	Qty	Unit	Rate	Amount (Kshs)
A.	Ditto but size 1150 x 780 mm high (2No).		Item		
B.	Ditto but size 450 x 780 mm high.		Item		
C.	Ditto but size 1260 x 780 mm high.		Item		
D.	Ditto but size 1070 x 780 mm high.		Item		
E.	Ditto but size 1210 x 780 mm high.		Item		
F.	Ditto but size 690 x 780 mm high.		Item		
G.	Ditto but size 900 x 780 mm high.		Item		
H.	Ditto but size 800 x 780 mm high.		Item		
I.	Carefully remove 25 mm thick bockboard shelves overall size 950 x 600 mm high complete with 50 x 25 mm cypress bearers and handed over to the client, as directed by the Project Manager.		Item		
J.	Ditto but size 620 x 600 mm high (2No).		Item		
K.	Ditto but size 800 x 600 mm high.		Item		
L.	Ditto but size 1130 x 600 mm high (6No).		Item		
M.	Ditto but size 1100 x 600 mm high (2No).		Item		
N.	Ditto but size 700 (avarage) x 600 mm high.		Item		
O.	Ditto but size 1210 x 600 mm high.		Item		
P.	Ditto but size 1020 x 600 mm high.		Item		
Q.	Ditto but size 1160 x 780 mm high.		Item		
R.	Ditto but size 640 x 780 mm high.		Item		
S.	Ditto but size 850 x 780 mm high.		Item		
T.	Ditto but size 750 x 780 mm high.		Item		
	<b><u>WALLS.</u></b>				
U.	Carefully demolish 200 mm thick solid concrete walls, load and cart away demolished debris away from site as directed by the Project Manager [Approx 141 Sm]		Item		
V.	100 mm ditto [Approx 7 Sm]		Item		
	Total carried to collection				



Item	Description	Qty	Unit	Rate	Amount (Kshs)
A.	Carefully demolish masonry upstand wall 200 mm thick x 260 mm high, load and cart away debris away from site as directed by the project manager [Approx 6 Lm]		Item		
B.	Carefully hack off existing ceramic wall tiles including cement sand backing to masonry walls to receive new cement sand plaster (m/s), load and cart away debris away from site as directed by the project manager [Approx 137 Sm]		Item		
C.	Carefully scrape off/wire brush existing wall paint and sand and prepare surface to receive new coats of paint (m/s) [Approx 331 Sm].		Item		
D.	Carefully hack off existing wall/beam plaster with stucco paint to masonry wall and prepare surface to receive new cement sand plaster (m/s) [Approx 30 Sm].		Item		
<b><u>FLOOR.</u></b>					
E.	Carefully remove existing 600 x 600 x 10 mm thick polished granito floor finish complete wth skirting and hand over salvaged pieces to the client and load and cart away from site all damaged pieces from site as directed by the Project Manager [Approx 525 Sm]		Item		
F.	Carefully remove existing 330 x 330 x 8 mm thick Non-slip ceramic floor finish complete wth skirting and load and cart away from site all damaged pieces from site as directed by the Project Manager [Approx 64 Sm]		Item		
G.	Carefully hack off existing cement sand screed to concrete bed and prepare surface to receive new cement sand screed (m/s) [Approx 571 Sm]		Item		
<b><u>CEILING.</u></b>					
H.	Carefully remove existing accoustic ceiling complete with aluminium grids load and cart away from site as directed (m/s) [Approx 30 Sm].		Item		
I.	Carefully scrape off/wire brush existing ceiling paint and sand and prepare surface to receive new coats of paint (m/s) [Approx 42 Sm].		Item		
Total carried to collection					
COUNTY WORKS OFFICER MINISTRY OF PUBLIC WORKS KISUMU COUNTY 3					

Item	Description	Qty	Unit	Rate	Amount (Kshs)
	<b><u>DOORS.</u></b>				
	<b><u>Grilles.</u></b>				
A.	Carefully remove 1 No. steel grille sliding doors overall size 2520 x 2300 mm high complete with overhead track and ground guide railing and hand over to the client. (Main Entrance)		Item		
	<b><u>Steel doors.</u></b>				
B.	Carefully remove existing steel panel door overall size 870 x 2300 mm high including frame and hand over to the client (Current fire escape door)		Item		
C.	Carefully remove existing steel chute door overall size 790 x 790 mm high complete with frame and hand over to the client (Chute)		Item		
	<b><u>Timber doors.</u></b>				
D.	Carefully remove 1 No. 160 mm thick cold room door overall size 1100 x 1870 mm high complete with mahogany frame and lining and hand over to the client. (Cold room)		Item		
E.	Carefully remove 6 No. timber flush door overall size 870 x 2300 mm high complete with 100 mm wide frame and including fanlight, consisting of openable leafs 804 x 2065 mm high. (Managers office , Kitchen, Staff Wc Lobby, 2 Staff Wcs and Store)		Item		
F.	Carefully remove 2 No blockboard doors complete with ironmongery and frame size 900 x 2300 mm high and hand over to the client making good all disturbed areas to receive new frames (m/s). (Gents and Ladies Washrooms Entrance).		Item		
G.	Ditto but 6 No. doors size 850 x 2070 mm high (Gents and Ladies Wc).		Item		
H.	Carefully remove existing hose reel duct door overall size 640 x 2300 mm high complete with frame and hand over to the client (Main Hall)		Item		
I.	Ditto but size 640 x 2700 mm ditto (Fire escape).		Item		
J.	Carefully remove existing 100 x 50 mm thick frame size 900 x 2300 mm high and hand over to the client		Item		
	Total carried to collection				
COUNTY WORKS OFFICER MINISTRY OF PUBLIC WORKS NORTH RIFT VALLEY COUNTY 4					

Item	Description	Qty	Unit	Rate	Amount (Kshs)
	<b><u>Aluminium Door.</u></b>				
A.	Carefully remove 1 No. aluminium door overall size 1030 x 2300 mm high complete with frame and hand over to the client. (Store)		Item		
	<b><u>WINDOWS.</u></b>				
	<b><u>Window grilles</u></b>				
B.	Carefully remove existing window grilles overall size 3520 x 2060 mm high and hand over to the client		Item		
C.	Ditto but size 3670 x 2060 mm high ditto		Item		
D.	Ditto but size 4710 x 2060 mm high ditto		Item		
E.	Ditto but size 2300 x 2060 mm high ditto		Item		
	<b><u>ROOF</u></b>				
F.	Carefully cut off existing roof covering, trusses, rafters and purlins, including supporting remaining trusses and purlins when constructing proposed skylight and remove debris from site as directed by the Project Manager [Approx 50 Sm]. Contractor to submit his/her methodology statement to Architect for approval before commencement of this exercise.		Item		
	<b><u>BEAMS/COLUMNS</u></b>				
G.	Carefully hack off existing columns to expose reinforcement bars for anchorage of new re bars and load and cart away debris from site as directed [Approx 0.7 Cm]		Item		
H.	Allow for propping existing 4 No. beams at 1000 mm center for the above exercise. Prop to be left in position as approved by the Structural Engineer.		Item		
	<b><u>SANITARY FITTINGS.</u></b>				
I.	Carefully remove existing 1 No. stainless steel double bowl single drain sink complete with waste system and hand over to the client		Item		
J.	Carefully remove existing 7 No. closed couple water closet complete with cistern and hand over to the client		Item		
K.	Carefully remove existing 6 No wash hand basin, including push taps complete with pedestals and handover to the client		Item		
	Total carried to collection				

COUNTY WORKS OFFICER  
MINISTRY OF PUBLIC WORKS  
MUSUMU COUNTY  
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Item	Description	Qty	Unit	Rate	Amount (Kshs)
A.	Carefully remove existing 3 No. urinal bowls complete with dividers and flush valves and hand over to the client		Item		
B.	Carefully remove 1 No paper towel dispenser and hand over to the client		Item		
C.	Carefully remove 2 No hand drier and hand over to the client		Item		
E.	Carefully remove 1 No soap dispenser and hand over to the client		Item		
F.	Carefully remove 1 No stainless steel towel rail size 550 mm long and handover to the client		Item		
G.	Carefully remove 1 No polish mirror size 1200 x 1050 mm high and handover to the client for re-use		Item		
H.	Ditto but size 900 x 450 mm high ditto		Item		
I.	Ditto but size 450 x 450 mm high ditto		Item		
	<b><u>Chimney Extract</u></b>				
J.	Carefully remove chiney extract from the roof hand over to client and block the opening in concrete.		Item		
	<b><u>Consumer unit.</u></b>				
K.	Carefully remove the existing complete consumer unit and hand over to the client		Item		
	Total carried to collection				
	<b><u>COLLECTION.</u></b>				
	Total carried forward from page 1				
	Total carried forward from page 2				
	Total carried forward from page 3				
	Total carried forward from page 4				
	Total carried forward from page 5				
	Total brought down from above				
	<b>TOTAL DEMOLITION CARRIED TO GRAND SUMMARY</b>				
	6				

COUNTY WORKS OFFICER  
MINISTRY OF PUBLIC WORKS  
KISUMU DISTRICT



# **BUILDERS WORKS**

COUNTY WORKS OFFICER  
MINISTRY OF PUBLIC WORKS  
KENTON COUNTY

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Item	Description	Qty	Unit	Rate	Amount (Kshs)
	<b><u>ELEMENT 02 - WALLING</u></b> <b><u>Solid concrete block wall 3.5 N/mm2 at 28 days: in cement sand mortar (1:4) reinforced with 16 gauge hoop iron wall ties at every alternate course</u></b>  <b><u>MASONRY WALLING</u></b>  <b><u>Internal walling:</u></b>  A. 150 mm thick ;	75	Sm		
	<b>TOTAL FOR WALLING CARRIED TO BUILDERS WORK SUMMARY.</b>				

COUNTY WORKS OFFICER  
MINISTRY OF PUBLIC WORKS  
COUNTY GOVT  
Nairobi, Kenya

Item	Description	Qty	Unit	Rate	Amount (Kshs)
	<b><u>ELEMENT 04 -ROOF STRUCTURE AND COVERING</u></b>				
	<b><u>STRUCTURAL STEEL FRAMING</u></b>				
	<b><u>Truss frame fabrication (Hoisted and fixed to a height not exceeding 8,000 mm above forth floor level); Prepare and apply two coats zinc chromate primer on surfaces of structural steelwork; one before and one after erection;</u></b>				
	<b><u>The following in 6 No. Trusses Type T1</u></b>				
A.	75 x 50 x 3.0 mm (5.42 kg/m) thick RHS: Top members	227	Kg		
B.	75 x 50 x 3.0 mm (5.42 kg/m) thick RHS: Top members	220	Kg		
C.	75 x 50 x 3.0 mm (5.42 kg/m) thick RHS: common rafter	190	Kg		
D.	127 x 50.8 x 22 x 2 mm thick ZS1 Purlins spaced at 1200mm centers (4.05 kg/m)	244	Kg		
	<b><u>Plates, Cleats, Bolts and the like;</u></b>				
E.	200 x165 x 8 mm thick base plate	8	No		
F.	200 x165 x 8 mm thick sole plate	8	No		
G.	75 x 75 x 3 mm thick angle cleats 50 mm wide	24	No		
H.	16 mm diameter hold down bolts	32	No		
I.	14 mm diameter down bolts complete with washers and nuts	24	No		
	<b><u>Gauge 1.6 mild steel fascia board twice weathered and secured to rafters</u></b>				
J.	200 mm wide fascia board	39	Lm		
	<b><u>ROOF COVERING.</u></b>				
K.	Gauge 28 corrugated translucent sheet covering fixed to steel roof structure with and including "J" bolts.	84	Sm		
L.	Ridge cap to match roof covering	34	Lm		
	Total carried to collection				



Item	Description	Qty	Unit	Rate	Amount (Kshs)
	<b><u>Steel louver grilles.</u></b>				
A.	Steel louver grilles overal size 6625 x 600 mm high consisting of 75 x 50 x 3 mm thik RHS frame infilles with steel louvers at 40 mm centres welded to steel frame including galvanized mosquito gauze framed with 2 mm thick mild steel flat screwed to 75 x 50 x 3 mm thick grille frame complete with one coat of manufacturers primers	2	No		
B.	Ditto but size 6000 x 600 mm high ditto	2	No		
	<b><u>Render ; 12 mm cement and sand 1:4; wood floated;</u></b>				
	<u>12 mm; to concrete or blockwork base (m/s) generally to surfaces</u>				
C.	Internal surface of walls	146	Sm		
	<b><u>PAINTING AND DECORATION TO METAL:-</u></b>				
	<b><u>Painting and decorating:-</u></b>				
	<b><u>Touch-up Manufacturers primer and spray one under coat and two coat of full automotive paint as per Crown Catalogue or any equal and approved to:-</u></b>				
D.	General surface of metal (Grilles)	40	Sm		
E.	General surface of metal (Roof structure)	84	Sm		
F.	Surface over 200 mm but not exceeding 300 mm	39	Lm		
	<b><u>Prepare by skimming plastered surface and apply one coat of undercoat and two coats of silk vvnly paint as per crown catalogue or any eqaul and aproved generally to surfaces:-</u></b>				
G.	Internally to wall, columns, beams and the likes.	146	Sm		
H.	Extra over for forming 50 x 25 mm groove on masonry walling to receive flashing	26	Lm		
I.	200 mm wide twice laboured galvanised sheet flashing to match existing roof covering	26	Lm		
J.	Extra over for making good groove in cement sand mortar	26	Lm		
	Total carried to collection				

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MINISTRY OF PUBLIC WORKS  
HIBUMU COUNTY  
P.O. Box 621, ... -80100

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Item	Description	Qty	Unit	Rate	Amount (Kshs)
	<b>ELEMENT 05 -WINDOWS</b>				
	<b><u>GLAZING.</u></b>				
	<b><u>4 mm thick clear sheet glass panes to replace broken panes on existing steel windows;</u></b>				
A.	over 0.1 but not exceeding 0.5 square metre each	5	Sm		
	<b><u>5 mm thick clear sheet glass panes to replace broken panes on existing aluminium windows;</u></b>				
	<b><u>Secured to aluminium frame with existing aluminium beading and rubber nosing</u></b>				
B.	over 1.5 but not exceeding 2.0 square metre each	6	Sm		
C.	Allow for cleaning existing aluminium windows including glazing	93	Sm		
D.	Allow a Sum of Ten Thousand to inspect faulty sliding window panels and rectify to Architects Satisfaction ( <i>Contractor to show breakdown of expenditure for approval by the Project Manager before commencement of works).</i>		Sum		
	<b><u>Prepare and apply two coats of gloss oil paint to:-</u></b>				
E.	General Surface of metal ( <i>Existing steel windows to Wash room</i> )	12	Sm		
	<b><u>Supply and fix 4 mm thick clear louver blades</u></b>				
F.	1120 mm long	9	No		
G.	1140 mm long	5	No		
H.	1500 mm long	5	No		
	<b>TOTAL FOR WINDOWS CARRIED TO BUILDERS WORK SUMMARY.</b>				
	           COUNTY WORKS OFFICER MINISTRY OF PUBLIC WORKS KISUMU COUNTY P.O. Box 627, Kisumu-40100				

Item	Description	Qty	Unit	Rate	Amount (Kshs)
	<b><u>ELEMENT 06 - DOORS.</u></b>				
	<b><u>FIRE DOOR.</u></b>				
	<b><u>Supply and install 1 hour 70 mm thick fire rated door complete with fire rated frame, heavy duty hinges, one way push bar and all necessary ironmongeries as per manufacturers specifications.</u></b>				
A.	Door overall size 1000 x 2100 mm high	1	No		
	<b><u>The following 45 mm thick solid cypress panelled doors consisting of 100 x 45 mm stiles, transome, top rail, 150 x 45 mm middle rail and 200 x 45 mm bottom rail as per Architects details .</u></b>				
B.	4 panel door leaf size 850 x 2065 mm high with rebated edge in double leaf door.	2	No		
	<b><u>The following 45 mm thick cypress semi-solid flush door consisting of 10 mm thick mahogany lipping to exposed edges. .</u></b>				
C.	Door size 1134 x 2065 mm high (PWD Wc)	0	No		
D.	Ditto size 834 x 2065 mm ditto .	8	No		
	<b><u>The following 45 mm thick cypress louvered timber door.</u></b>				
E.	Door size 285 x 2000 mm high	4	No		
	<b><u>Wrot Mahogany timber in:-</u></b>				
F.	150 x 50 mm rebated frame	12	Lm		
G.	150 x 50 mm transome	6	Lm		
H.	40 x 20 mm moulded architrave	7	Lm		
I.	20 mm quadrant	7	Lm		
	<b><u>Wrot Cypress timber in:-</u></b>				
J.	100 x 50 mm rebated frame	42	Lm		
K.	100 x 50 mm transom	2	Lm		
	Total carried to collection				
	13				



Item	Description	Qty	Unit	Rate	Amount (Kshs)
A.	75 x 50 mm rebated frame	11	Lm		
B.	75 x 50 mm transom	1	Lm		
C.	40 x 20 mm moulded architrave	45	Lm		
D.	20 mm quadrant	45	Lm		
	<b><u>Ironmongery.</u></b>				
	<b><u>Supply and fix the following ironmongery as per "Union Catalogue" or any other equal and approved by the Architect/Client with and including matching screws.</u></b>				
E.	Hydraulic aluminium door closer	4	No		
F.	100 mm butt hinges	21	Prs		
G.	3 Lever door lock complete with handles	1	No		
H.	2 Lever door lock complete with handles	2	No		
I.	200 mm long flush bolt	2	No		
J.	Aluminium "D" handle 200 mm long	10	No		
K.	Aluminium push plate 200 x 100 mm wide	6	No		
L.	Aluminium indicator bolt lock	6	No		
M.	Floor mounted rubber stop	4	No		
N.	Aluminium Gender signage	2	No		
O.	PWD signage	0	No		
P.	Ball catch	4	No		
	<b><u>GLAZING.</u></b>				
	<b><u>4 mm thick clear sheet glass panes;</u></b>				
	<b><u>Secured to timber framing with timber beading</u></b>				
Q.	over 0.1 but not exceeding 0.5 square metre each	1	Sm		
	<b><u>PAINTING AND DECORATION TO TIMBER:-</u></b>				
	<b><u>Prepare and apply one coat aluminium primer to back of frame before fixing:-</u></b>				
R.	Surface over 100 mm but not exceeding 200 mm girth	12	Sm		
S.	Surface not exceeding 100 mm girth	53	Sm		
	Total carried to collection				
	14				

Item	Description	Qty	Unit	Rate	Amount (Kshs)
	<b><u>Prepare and apply one coat pinotex stain and two coats of polyurethane lacquer paint to:-</u></b>				
A.	General surface of timber	48	Sm		
B.	Surface over 200 mm but not exceeding 300 mm girth	10	Lm		
C.	Surface over 100 mm but not exceeding 200 mm girth	53	Lm		
D.	Surface not exceeding 100 mm girth	104	Lm		
	Total carried to collection				
	<b><u>COLLECTION</u></b>				
	Total carried forward from page 13				
	Total carried forward from page 14				
	Total brought down from above				
	<b>TOTAL FOR DOORS CARRIED TO BUILDERS WORK SUMMARY.</b>				
	COUNTY WORKS OFFICER MINISTRY OF PUBLIC WORKS				

Item	Description	Qty	Unit	Rate	Amount (Kshs)
	<b><u>ELEMENT 07 - FINISHES</u></b>				
	<b><u>FLOORS.</u></b>				
	<b><u>Cement sand screed mix 1:4 to wood floated to concrete or block work base generally:-</u></b>				
A.	30 mm thick backing to Granito floor tiles (m/s);	669	Sm		
B.	32 mm ditto to Ceramic floor tiles (m/s).	33	Sm		
	<b><u>Supply and fix the following approved polished granito floor tiles laid with zero joints both ways with and including approved adhesive.</u></b>				
C.	600 x 400 x 10 mm thick	669	Sm		
D.	100 mm skirting	167	Lm		
	<b><u>Supply and fix the following Non-Slip ceramic floor tiles laid in 2 mm joint including approved adhesive as per approved samples. Colour and pattern as approved by the Architect/Client.</u></b>				
E.	400 x 400 x 8 mm thick	33	Sm		
	<b><u>WALLING:-</u></b>				
	<b><u>PLASTER WORK:-</u></b>				
	<b><u>Plaster; 9 mm first coat of cement and sand 1:6; 3 mm second coat of cement sand and lime putty (1:10); steel trowelled smooth;</u></b>				
	<b><u>12 mm thick 2 No. coats work; to concrete or blockwork base (m/s) generally to surfaces</u></b>				
F.	Internal surface of walls	73	Sm		
	<b><u>Render : 12 mm cement and sand 1:4; wood floated;</u></b>				
	<b><u>12 mm; to concrete or blockwork base (m/s) generally to surfaces</u></b>				
G.	Internal surface of walls to receive wall tiles (m/s).	122	Sm		
	<b><u>Supply and fix the following approved polished ceramic wall tiles laid with and including approved adhesive. Colour and pattern as per the Architect/Client instruction. Tenderers to allow for chamfer, corner strips, cutting, fixing etc ;</u></b>				
	300 x 200 x 6 mm thick				
H.	To wall surfaces		Sm		
	Total carried to collection				

Item	Description	Qty	Unit	Rate	Amount (Kshs)
	<p><b><u>DECORATION AND PAINTING.</u></b></p> <p><u>Prepare by skimming new plastered surface, prepare and apply one coat of undercoat and two coats of silk vyny paint as per crown catalogue or any eqaul and aproved generally to surfaces:-</u></p>				
A.	Internally to wall, columns, and the likes.	73	Sm		
	<p><u>Prepare by skimming old plastered surface, prepare and apply two coats of silk vyny paint as per crown catalogue or any eqaul and aproved generally to surfaces:-</u></p>				
B.	Internally to wall, columns, beams and the likes.	413	Sm		
C.	Allow a Sum of Kenya Shilling Ten Thousand (Kshs 10,000.00). Only for making good disturbed column edges, upstands.		Sum		
	<p><b><u>CEILING.</u></b></p> <p><b><u>PLASTER WORK:-</u></b></p> <p><u>Plaster; 9 mm first coat of cement and sand 1:6; 3 mm second coat of cement sand and lime putty (1:10); steel trowelled smooth;</u></p> <p><u>12 mm thick 2 No. coats work; to concrete or blockwork base (m/s) generally to surfaces</u></p>				
D.	Horizontal surface of plastered beam.	42	Sm		
	<p><u>Supply and fix 600 x 600 x15 mm suspended semi-recessed GCS Mineral fibe. acoustic ceiling panels as Armstrong Fine Fissured Tegular 95% RH SecondLook on white 24 mm wide lay-in grid as Trulok F24 (Armstrong) with and including fixing to suspended white powder coated aluminium 'T-grid' brandering support system (Main an cross tee) complete with white perimeter wall angles and including galvanised binding wire as necessary; all as per Architects drawings;</u></p>				
	Ceilings:-				
E.	Over 300 mm wide	535	Sm		
	Total carried to collection				



Item	Description	Qty	Unit	Rate	Amount (Kshs)
	<p><u>12 mm thick Gypsum profiled Ceilings or equal and approved ceiling cover; tapered edge wallboard; joints taped and filled; firmly secured with and including fixing to steel or aluminium studwork branderling support system with rounded, smooth compound sanded edges, edge trims, plastered, joints taped and filled finished to receive direct decoration; allow for provision of resseded mouldings / bulk heads on gypsum ceiling to allow for indirect lighting to detail; all in accordance with Architect's drawings;</u></p> <p>Gypsum board profiled ceiling</p>				
A.	Horizontal surface of ceiling	86	Sm		
B.	120 mm moulded gypsum cornice	49	Lm		
	<u>Sawn cypress</u>				
C.	75 x 50 mm noggings	49	Lm		
D.	50 x 50 mm branderling	332	Lm		
	<u>DECORATION AND PAINTING.</u>				
	<u>Prepare by skimming plastered surface and apply one coat of undercoat and two coats of textured special effect paint as per crown catalogue or any equal and aproved generally to surfaces:-</u>				
E.	Horizontal surface of plastered beams	64	Sm		
	<u>Prepare by skimming plastered surface and apply one coat of undercoat and two coats of textured special effect paint as per crown catalogue or any equal and aproved generally to surfaces:-</u>				
F.	Surface of plaster board	86	Sm		
G.	Surface not exceeding 100 mm girth	49	Lm		
	Total carried to collection				
	<p>COUNTY WORKS OFFICER MINISTRY OF PUBLIC WORKS KISUMU COUNTY P.O. Box 121, KISUMU - 40100</p>				

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Item	Description	Qty	Unit	Rate	Amount (Kshs)
	<b><u>ELEMENT 08 - SANITARY FITTINGS.</u></b>				
	<b><u>Supply and install the following sanitary fittings as approved by the Architect/Client.</u></b>				
	<b><u>Water Closet.</u></b>				
A.	Water closet suite ('S' or 'P'-trap) in white colour complete with horizontal outlet to BS 3402 with 7.5 litre valveless Close Coupled ceramic cistern and fittings including siphon, 15mm diameter side inlet ball valve, 7 No 11,759 82,313 20mm diameter side overflow, plastic flush bend, inlet connection, chrome-plated lever and melamine seat and cover with metal top fixed (chrome plated) hinges. All to be as Tivoli catalogue PBW-TWC-4402 with Dual Top Flush Toilet Suite or equal & approved.	6	No		
	<b><u>Disabled persons Waster Closet and Wash hand basin facility</u></b>				
	Wheel chair accessible facility comprising of the following:-				
	i) Close coupled WC with 7.5 litre cistern with bottom inlet and overflow. The bowl shall be of size 375 x 560 x 420 mm high. The bowl and cistern shall be manufactured from vitreous china complying with BS. 3402. The unit shall be complete with valveless cistern fitting including syphon 1/2" side inlet, ball valve 3/4" side overflow, plastic flushbend, inlet connector and reversable metallic chrome plated cistern lever. There shall also be heavy duty seat (25 mm high) and cover with chrome plated metallic hinges, toilet roll holder, 610 x 610 x 6 mm thick mirror and robe hook.	0	Set		
	ii) Semi pedestal wall mounted Wash Hand Basin (WHB) size 600 x 500 z 545 mm high with flexible connectors to waste and taps. The basin shall be manufactured from vitreous china complying with BS. 3402. It shall have a Left Hand tap hole with 1/2" chrome plated lever action pillar tap, chrome plated waste with height adjustable trap, pedestal and wall fixing bolts.				
	iii) Hinged support rail with toilet roll holder 770 mm long manufactured in nylon coated aluminium and mounted on a wall fixing plate size 230 x 100 mm. 4 No. 600 mm grab rails with covered wall [plates. The set shall be as Twyford DOC.M wheelchair accessible WC facility or approved equivalent.				
	Total carried to collection				
	20				

COUNTY WORKS OFFICER  
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Item	Description	Qty	Unit	Rate	Amount (Kshs)
	<b><u>Wash hand Basin</u></b>				
A.	White wall Mounted wash basin size 450 x 300 mm with one central taphole as per ECO PBW-WHB-4401, fixing brackets Pillar cork as WAVE, WAV 1101 with chrome plated pop up waste, and 32mm chrome plated bottle trap.	4	No		
	<b><u>Polished Mirror</u></b>				
B.	6mm thick polished plate glass silver backed mirror with bevelled edges, size 1200 x 1000 mm, Plugged and screwed to wall with 6No. chrome plated dome capped screws. The mirror shall rest against a layer of 5mm thick foam as Almeria Rectangle Mirror or approved equivalent.	2	No		
	<b><u>Toilet Roll holder</u></b>				
C.	Wall mounted, Anti-theft lockable type, toilet roll holder with screws for wall fixing in Satin	6	No		
	<b><u>Paper towel dispenser</u></b>				
D.	White Plastic wall mounted High Quality ABS paper towel dispenser.	2	No		
	<b><u>Soap Dispenser</u></b>				
E.	Wall mounted soap dispenser with a capacity of about 1 litre having a press action soap release mechanism complete with fixing screws. Allow for initial soap supply. To be as MEDICLINIC or approved equivalent.	2	No		
	<b><u>Hand Driers.</u></b>				
F.	Automatic hand drier in white colour, operating on an infra-red automatic sensing system with heating element safety cut-out complete with a 30 second safety timer, plastic rawl plug and fixing screw. The hand drier to have a heating capacity of 2.1 kw and performance flow rate of 135 cfm (3.82m3/min) and to size 270 x 264 x 143 mm deep. It shall have a noise level below 72.5 dBA at 1.5 m. To be as MEDICLINIC or approved equivalent.	2	No		
G.	Supply material and fabricate boxing for Wc drainage as per Architect details	6	No		
	Total carried to collection				

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Item	Description	Qty	Unit	Rate	Amount (Kshs)
	<b>Urinal</b>				
	Vitrous china Urinal bowls complete with dividers, flush valve, chrome plated bottle trap with automatic 7 Litre cistern	3	No		
	Total carried to collection				
	<b>COLLECTION</b>				
	Total carried forward from page 20				
	Total carried forward from page 21				
	Total brought down from above				
	<b>TOTAL FOR SANITARY FITTINGS CARRIED TO BUILDERS WORKS SUMMARY.</b>				
	COUNTY WORKS OFFICER MINISTRY OF PUBLIC WORKS MURANGA COUNTY MURANGA DISTRICT				

Item	Description	Page	Amount (Kshs)
	<b><u>GROUND FLOOR SUMMARY</u></b>		
1	Element 01 - Reinforced Concrete Works	7	
2	Elemrnt 02 -Walling	8	
3	Element 04 - Roof Structure and covering	11	
4	Element 05 - Windows	12	
5	Element 06 - Doors	15	
6	Element 07 - Finishes	19	
7	Element 08 - Sanitary Fittings	22	
	<b>BUILDERS WORKS SUMMARY CARRIED TO GRAND SUMMARY</b>		
	COUNTY WORKS OFFICER MINISTRY OF PUBLIC WORKS  GF/S		

# **PRIME COST AND PROVISIONAL SUMS**

COUNTY WORKS OFFICER  
MINISTRY OF PUBLIC WORKS  
KISUMU COUNTY  
P.O. Box 101, Kisumu - 80100

Item	Description	Qty	Unit	Rate	Amount (Kshs)
	<b><u>PRIME COSTS AND PROVISIONAL SUMS</u></b>				
	<b><u>ELECTRICAL INSTALLATION</u></b>				
A.	Allow for a Provisional Sum of Kenya Shillings <b>One Million Five Hundred Thousand (Kshs 1,500,000.00)</b> Only for relocation of existing electrical installation and new Electrical Installation as per Engineers satisfaction including testing and commissioning.		Item		
	<b><u>MECHANICAL INSTALLATION</u></b>				
B.	Allow for a Provisional Sum of Kenya Shillings <b>One Hundred and Twenty Thousand (Kshs 120,000.00)</b> Only for termination of existing water supply and drainage including and new Mechanical Installations as per Engineers specifications including testing and commissioning.		Item		
	<b><u>FIRE FIGHTING INSTALLATION</u></b>				
B.	Allow for a Provisional Sum of Kenya Shillings <b>Two Hundred and Ten Thousand (Kshs 210,000.00)</b> Only for supply of 12 No 9 Litre fire extinguishes (Powder, Water (HO2) and Carbon dioxide (CO2) and position as per Architects instruction.		Item		
	<b>TOTAL FOR PRIME COSTS AND PROVISIONAL SUMS CARRIED TO GRAND SUMMARY</b>				
	<p>COUNTY WORKS OFFICER MINISTRY OF PUBLIC WORKS KISUMU COUNTY P O. Box 821, KISUMU - 40100</p> <p>PCS</p>				

# **BUILDERS WORKS SUMMARY**

COUNTY WORKS OFFICER  
MINISTRY OF PUBLIC WORKS  
KISUMU COUNTY  
P. O. Box 821, KISUMU - 40100



Item	Description	Page	Amount (Kshs)
	<b><u>BUILDERS WORK SUMMARY</u></b>		
	Preliminaries		
1	Demolition	6	
2	Builders Works.	GF/S	
3	Provisional Sums	PCS	
	<b>SUB TOTAL 1</b>		
	<b>Add Contingency</b>	4.40%	
	<b>SUB TOTAL 2</b>		
	<b>Add VAT</b>	16%	
	<b>GRAND TOTAL INCLUSIVE OF TAXES CARRIED TO FORM OF TENDER</b>		

*Amount in Words:-*

<p><b><u>CLIENT.</u></b></p> <p>Name:.....</p> <p>Date:.....</p> <p>Sign:.....</p> <p><b><u>WITNESS.</u></b></p> <p>Name:.....</p> <p>Date:.....</p> <p>Sign:.....</p>	<p><b><u>CONTRACTOR.</u></b></p> <p>Name:.....</p> <p>Date:.....</p> <p>Sign:.....</p> <p><b><u>WITNESS.</u></b></p> <p>Name:.....</p> <p>Date:.....</p> <p>Sign:.....</p>
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COUNTY WORKS OFFICER  
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KISUMU COUNTY

*[Signature]*

16.10.2029.

GS

NOTES	Action
<ol style="list-style-type: none"> <li>1 Roof covering to be inspected for any damage and replace affected roof covering before commencement of installation of Accoustic ceiling</li> <li>2 Disabled toilet captured in the Bills of Quantities with no rates. Location to be agreed with the client if need be.</li> <li>3 Waterproofing to gutters should be done to carb leakage that might affect the ceiling works in future</li> <li>4 Repair to fire escape staircase to be done by the Client</li> <li>5 The site to be thoroughly cleaned off, all debris before handing over the site to the Contractor to commence work.</li> </ol>	<p>Client/Consultant/Contractor</p> <p>Consultant and Client</p> <p>Client.</p> <p>Client</p> <p>Client</p>

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