

# APPENDIX I

<b>ESTIMATES FOR THE PROPOSED RENOVATIONS WORKS AT KPL'S HAMZA STAFF QUARTERS IN NAIROBI-REGION.</b>					
ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT KSHS.
	<b><u>BILL NO. 1 : MAIN BUILDING WORKS</u></b> <b><u>ELEMENT NO 1.</u></b> <b><u>DEMOLITIONS, DOWNTAKINGS &amp; ALTERATIONS (ALL PROVISIONAL)</u></b> <u>All items of demolitions and downtakings shall be deemed to include shoring, propping and all other applicable and acceptable methods of protection, handling over all salvaged materials to the client, carting away all arising debris and making good all disturbed surfaces; all subjected to the project manager's approval.</u> <u>Floors</u> A Carefully hack the c/s floors screed to receive ceramic tiles (m.s) and cart load arising debris 460 Sm <u>Walls</u> B Wire brush the external walls. Rate to include application 3 coats of stone shine varnish 420 Sm <u>Paving</u> C Allow for careful hacking out existing external c/s screed floor and paving slabs as directed on site, protecting all service lines and appropriately cart away all arising debris. 360 Sm D Allow for careful removal of damaged precast kerbs connecting to drainage channel; as store on site. 60 Lm <u>Doors</u> E Carefully remove and handover to client 50mm thick timber doors overall size 800mm x 2000mm high, including all frames and iron mongery make good surface to receive new frames. 32 No. F Ditto 750x 2000mm flush doors and hand over to client for safe custody 16 No. <u>Ceiling</u> G Carefully demolish the existing damaged celotex ceiling board and timber cornice. 200 Sm <u>Sanitary fittings</u> H Carefully remove existing damaged S-Trap type WCs and cart away arising debris and prepare surfaces for new ones (m/s) 8 No. J Ditto High Level cisterns 8 No. K Ditto Kitchen sink, single bowl and single drain. 16 No.				
<b>Carried to Collection</b>					-

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12/03/2025

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT KSHS.
	<b><u>ELEMENT NO 3.</u></b>				
	<b><u>DOORS</u></b>				
	<u>45mm Thick solid flush doors to B.S 459: Part 2 mahogany veneered both sides and lipped on all edges in approved hardwood</u>				
	<b><u>Internal doors</u></b>				
A	Supply and fix 50mm thick semi-solid cored flush doors size 700 x 2000mm	32	No.		
	<b><u>External doors</u></b>				
B	50 mm thick solid flush timber door shutter size 800x2100mm hardwood.	32	No.		
C	100x50mm rebated wrot cypress door frames not exceeding 100mm girth	375	Lm		
	<u>Knot, Prime and Stop, Prepare and apply first quality one undercoat and two coats of gloss oil paint to match existing</u>				
D	General surfaces of timber doors over 300mm girth	140	Sm		
E	Frames not exceeding 100mm girth, internally	200	Lm		
	<u>Supply and fix the following ironmongery to timber : with matching screws : references are to 'union' catalogue or other equal and approved</u>				
F	100mm pressed steel butt hinges	192	PRS		
G	Two lever mortice lock : set lever handles	48	No.		
H	Tower bolt; 100mm long; brass or aluminium	32	No.		
J	Indicator bolt.	8	No.		
K	Door stoppers; rubber complete 38mm raw bolt	48	No		
<b>Carried to Collection</b>					-

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT KSHS.
	<b><u>ELEMENT NO 5.</u></b>				
	<b><u>ROOFING</u></b>				
	<u>Roof tile</u>				
A	Carefully remove safely, Overlay steel-plated plain sheet gauge 32 to flash with roof deck; apply red-oxide (roofmaster) paint to roof tile surfaces and return to original position on all storey structures and cart away arising debris; provide shoring for approximately five meters high.	1100	Sm		
	<u>Ceiling</u>				
B	Supply and fix 12mm thick soft board 'celotex' ceiling including replacement of bandering where necessary	230	Sm		
C	Ditto. 60mm wooden cornice	200	Lm		
<b>Carried to Collection</b>					-

  
12/03/2025

<b>ELEMENT NO 7.</b>					
<b><u>ELECTRICAL INSTALLATIONS</u></b>					
<b><u>Supply, deliver, install, test and commission the electrical fittings complete with all the accessories including all connections and all plugging and screwing to walls and/or ceiling;</u></b>					
ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT KSHS.
A	4 feet x 18 watt LED fittings	12	No.		
B	50 Watts LED flood lights	2	No.		
C	100m roll of single core 2.5mm <sup>2</sup> cable red	.5	No.		
D	100m roll of single core 2.5mm <sup>2</sup> cable black	5	No.		
E	100m roll of single core 2.5mm <sup>2</sup> cable yellow	5	No.		
F	100m roll of single core 1.5mm <sup>2</sup> cable red	4	No.		
G	100m roll of single core 1.5mm <sup>2</sup> cable black	4	No.		
H	100m roll of single core 1.5mm <sup>2</sup> cable yellow	4	No.		
J	Double sockets	16	No.		
K	2 Way 2 gang switch	20	No.		
L	16 Amps shower switch	8	No.		
<b>Carried to Collection</b>					-
ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT KSHS.

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<b><u>PLUMBING CONT'D</u></b>			
A	25mm PPR plain elbows	8	No.
B	25x20mm female adapter elbow	16	No.
	<u>Tees</u>		
C	1,1/2 inch pvc inspection tee	8	No.
D	25mm PPR plain tee	8	No.
E	25x20mm male adapter tee	8	No.
	<u>All drainage pipes to be upvc as 'Caradon Terrain Products' or equal and approved.</u>		
F	Upvc and muPvc pipework.	4	No.
G	400x20mm flexible tube	4	No.
H	20mm plastic shower rose	8	No.
	<u>Traps</u>		
J	4 inch pvc gully trap	8	No.
K	1,1/2 inch bottle trap	8	No.
	<u>Sockets</u>		
L	25x25mm male adapter socket	5	No.
M	25x20mm male adapter socket	5	No.
	<u>Taps</u>		
N	20mm stop cock	2	No.
P	20mm bip tap	2	No.
	<u>Nipples</u>		
Q	20mm hexagonal nipple	2	No.
	<u>Gate valves</u>		
R	20mm angle valves	4	No.
S	25mm metallic gate valves	4	No.
T	20mm metallic ball valve	8	No.
	<u>Water tank</u>		
U	Take delivery on site, Construct a plinth that is slightly larger than the tank's base for stability approximately 400mm high, carefully firmly place 5000 litres capacity polythylene molded ground level water storage tank as "TOP TANK" or equal and approved complete with 25mm diameter inlet and outlet connections, 25mm diameter x 600mm long overflows and wash-out pipes and connections and all other requisite fittings	2	No.
<b>Carried to Collection</b>			

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12/06/2025

PROPOSED HAMZA EXTERNAL CIVIL WORKS					
ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<b><u>ELEMENT NO.1</u></b>				
	<b><u>EXTERNAL CIVIL WORKS</u></b>				
	<u>Excavation</u>				
A	Mechanically excavate to reduce levels commencing from ground level average 1.5m deep and cart away to an approved dumpsite by County Government.	240	Cm		
B	Load and cart away from site surplus excavated materials.	180	Cm		
	<u>Disposal of water</u>				
C	Keeping all excavations free from all water including spring or running water.	1	Item		
D	Level bottom of trenches foundations to receive blinding	630	Sm		
	<u>Planking and strutting</u>				
E	Uphold the sides of all excavations	1	Item		
	<u>Plain concrete 1:4:8</u>				
F	Blinding under trench channels 50mm thickness.	8	Cm		
	<u>Precast Concrete Works</u>				
	<u>Pre-Cast Concrete Invert Block Drains :-</u>				
G	Supply, lay and fix 175 X 800mm shallow invert block drain (600mm overall) (class 20) laid on and including plain concrete (1:3:6) foundation; haunching up; including all necessary excavations formwork etc.	100	Lm		
H	150 X 305mm ditto (450mm overall)	200	Lm		
J	Supply, lay and fix 250x125mm Precast concrete (class 20) kerb with once chamfered edge laid on and including 450 x 100mm plain concrete (1:3:6) foundation haunched up on one side including all necessary excavations formwork etc.	200	Lm		
K	Ditto but curved to radii	50	Lm		
L	125x100mm precast concrete(Class 20) channels	100	Lm		
M	Ditto but curved to radii	30	Lm		
<i>carried to collection</i>					

**RENOVATION OF HAMZA STAFF QUARTERS - NAIROBI**  
**ESTIMATES FOR CONFIRMATION OF FUNDS ONLY**  
**GRAND SUMMARY**

BILL NO.	DESCRIPTION	Page No.	OFFICIAL USE
			<b>K.SHS</b>
1	Preliminaries of builder's works.		
2	Builders' Works	<b>10 of 10</b>	
3	Civil works	<b>2 of 2</b>	
	SUB TOTAL INCLUSIVE OF 0.03% PPCB LEVY		
	ADD: 16% VAT		
	<b>Grand Total Amount VAT &amp; PPCB LEVY Inclusive (Ksh.)</b>		

  
12/03/2025