



**KENYA REVENUE  
AUTHORITY**

**PROPOSED REFURBISHMENT WORKS  
FOR  
KENYA REVENUE AUTHORITY  
AT  
MALABA ONE STOP BORDER POST  
BILLS OF QUANTITY**

**MARCH 2024**

*LB*

Item	Description	Unit	Qty	Rate	Amount
	<b>ELEMENT NO 1</b>				
	<b>ROOFING &amp; CEILING FINISHES</b>				
	<b>A. STATION MANAGER'S BLOCK</b>				
	<b>Removal of old leaking roof covering</b>				
A	Carefully remove existing metal roof covering and prepare roof frame structure to receive new covering (cost to include cart away for roof material and all accessories removed)	m <sup>2</sup>	1426		
	<b>ROOF COVERING</b>				
B	IT5 BP959 Profiled sheets 905mm wide (857mm effective cover) 28 gauge box profile pre-painted sheets with 150mm end laps and one corrugated side laps including J bolts and washers or self tapping screws fixed to steel roof structure:	m <sup>2</sup>	1426		
C	26 Gauge ridges 300mm wide	m	300		
	<b>Roof Underlay as Jumbolean heavy duty roof insulation: Double-sided reflective foil with 5mm thick polyethene foam core roof sheeting laid with 150mm (minimum) end and side laps and nailed to timber rafters (measured separately)</b>	m <sup>2</sup>	1,426		
	<b>Ceiling finishes</b>				
	<b>Carefully remove broken frames: Supply and fix as 'Armstrong' or equal and approved Fibre Acoustic ceiling on and including approved suspension system comprising galvanised mild steel channels and studs on grid to Manufacturer's instructions</b>				
D	Accoustic Ceiling panels/boards comprising 600 x 600mm including brandering:	m <sup>2</sup>	161		
E	Supply and replace worn out/broken 600 x 600 x 8mm thick ceiling panels on existing grid system:	m <sup>2</sup>	648		
	<b>RAIN WATER GOODS</b>				
	<b>Heavy Duty UPVC rain goods; down pipes fixed with and including all appopriate accessories:</b>				
F	100mm diameter heavy duty UPVC downpipes	m	135		
G	Extra over downpipe for swan neck: 100mm diameter	No.	15		
H	Extra over downpipe for shoe: 100mm diameter Heavy duty UPVC shoe	No.	15		
	<b>Total carried to Forward</b>				

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Item	Description	Unit	Qty	Rate	Amount
<b>Total Brought Forward</b>					
<b>Rain Water Gutter (Water proofing)</b>					
A	50mm Thick (average) light weight pumice cement and sand screed (1:3) laid to falls and cross falls as directed by the Architect to receive APP bituminous membrane (measured separately).	m <sup>2</sup>	280		
B	Ditto 450mm high skirting including forming fillet junction.	m	498		
C	Extra over screed for labour and materials to form rain water channeling 300mm girth.	m	245		
D	Extra over screed for labour and materials to form fulbora outlet 250 x 250mm.	No.	18		
E	Cut into 200mm parapet walling to form fulbora 250 x 250mm outlet and make good.	No	18		
F	Cut groove into parapet wall and make good after tacking in APP bituminous membrane skirting (measured separately).	m	498		
G	4mm Thick APP bituminous membrane with ceramic chips finish or similar approved laid on and including primer with torch - on - process with 10 year guarantee installed in accordance with manufacture's instructions to the satisfaction of the Architect with 150mm side and end laps (measured nett - allow for laps).	m <sup>2</sup>	280		
H	Ditto 450mm girth APP skirting including tacking into groove and creating fillet water proof junction at bottom of skirting	m	498		
I	Extra over APP membrane for water channel treatment	m	253		
J	Extra over APP membrane for fulbora outlet treatment	No	18		
<b>Total for station manager's block carried to Summary</b>					

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Item	Description	Unit	Qty	Rate	Amount
	<b>B. DEPUTY STATION MANAGER'S BLOCK</b>				
	<b>Removal of old leaking roof covering</b>				
A	Carefully remove existing metal roof covering and prepare roof frame structure to receive new covering (cost to include cart away for roof material and all accessories removed)	m <sup>2</sup>	485		
	<b>ROOF COVERING</b>				
	<b>PRE-PAINTED ALUZINC METAL ROOF</b>				
B	IT5 BP959 Profiled sheets 905mm wide (857mm effective cover) 28 gauge box profile pre-painted sheets with 150mm end laps and one corrugated side laps including J bolts and washers or self tapping screws fixed to steel roof structure:	m <sup>2</sup>	485		
C	26 Gauge ridges 300mm wide	m	270		
	<b>Roof Underlay as Jumbolean heavy duty roof insulation: Double-sided reflective foil with 5mm thick polyethene foam core roof sheeting laid with 150mm (minimum) end and side laps and nailed to timber rafters (measured separately)</b>				
D	Roof covering; fixed to slopes	m <sup>2</sup>	485		
	<b>Ceiling finishes</b>				
	<b>Carefully remove broken frames: Supply and fix as 'Armstrong' or equal and approved Fibre Acoustic ceiling on and including approved suspension/brandering system comprising galvanised mild steel channels and studs on grid to Manufacturer's instructions</b>				
E	Accoustic Ceiling panels/boards comprising 600 x 600mm including brandering:	m <sup>2</sup>	66		
F	Supply and replace worn out/broken 600 x 600mm ceiling panels on existing grid system:	m <sup>2</sup>	262		
	<b>RAIN WATER GOODS</b>				
	<b>Heavy Duty UPVC rain goods; down pipes fixed with and including all appopriate accessories:</b>				
G	100mm diameter heavy duty UPVC downpipes	m	90		
H	Extra over downpipe for swan neck: 100mm diameter	No.	10		
I	Extra over downpipe for shoe: 100mm diameter Heavy duty UPVC shoe	No.	10		
	<b>Total for depity station managers block carried to Summary</b>				

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Item	Description	Unit	Qty	Rate	Amount
	<b>C. VERIFICATION BLOCK</b>				
	<b>Removal of Old leaking roof covering</b>				
A	Carefully remove existing metal roof covering and prepare roof frame structure to receive new covering (cost to include cart away for roof material and all accessories removed)	m <sup>2</sup>	493		
	<b>ROOF COVERING</b>				
	<b>PRE-PAINTED ALUZINC METAL ROOF</b>				
B	IT5 BP959 Profiled sheets 905mm wide (857mm effective cover) 28 gauge box profile pre-painted sheets with 150mm end laps and one corrugated side laps including J bolts and washers or self tapping screws fixed to steel roof structure:	m <sup>2</sup>	493		
C	26 Gauge ridges 300mm wide	m	242		
D	Roof Underlay as Jumbolean heavy duty roof insulation: Double-sided reflective foil with 5mm thick polyethene foam core roof sheeting laid with 150mm (minimum) end and side laps and nailed to timber rafters (measured separately)	m <sup>2</sup>	493		
	<b>Ceiling finishes</b>				
	<b>Carefully remove broken frames: Supply and fix as "Armstrong' or equal and approved Fibre Acoustic ceiling on and including approved suspension/brandering system comprising galvanised mild steel channels and studs on grid to Manufacturer's instructions</b>				
E	Accoustic Ceiling panels/boards comprising 600 x 600mm including brandering:	m <sup>2</sup>	69		
F	Supply and replace worn out/broken 600 x 600mm ceiling panels on existing grid system:	m <sup>2</sup>	273		
	<b>RAIN WATER GOODS</b>				
	<b>Heavy Duty UPVC rain goods; down pipes fixed with and including all appropriate accessories:</b>				
G	100mm diameter heavy duty UPVC downpipes	m	48		
H	Extra over downpipe for swan neck: 100mm diameter	No.	4		
I	Extra over downpipe for shoe: 100mm diameter Heavy duty UPVC shoe	No.	4		
	<b>Total carried to Forward</b>				

Item	Description	Unit	Qty	Rate	Amount
<b>Total Brought Forward</b>					
<b>Rain Water Gutter (Water proofing)</b>					
A	50mm Thick (average) light weight pumice cement and sand screed (1:3) laid to falls and cross falls as directed by the Architect to receive APP bituminous membrane (measured separately).	m <sup>2</sup>	40		
B	Ditto 450mm high skirting including forming fillet junction.	m	83		
C	Cut into 200mm parapet walling to form fulbora 250 x 250mm outlet and make good.	No	4		
D	Cut groove into parapet wall and make good after tacking in APP bituminous membrane skirting (measured separately).	m	83		
E	4mm Thick APP bituminous membrane with ceramic chips finish or similar approved laid on and including primer with torch - on - process with 10 year guarantee installed in accordance with manufacture's instructions to the satisfaction of the Architect with 150mm side and end laps (measured nett - allow for laps).	m <sup>2</sup>	40		
F	Ditto 450mm girth APP skirting including tacking into groove and creating fillet water proof junction at bottom of skirting	m	83		
G	Extra over APP membrane for fulbora outlet treatment	No	18		
<b>Total for Verification Block carried to Summary</b>					





Item	Description	Unit	Qty	Rate	Amount
	<b>D. CANTEEN BLOCK</b>				
	<b>Removal of Old leaking roof covering</b>				
A	Carefully remove existing metal roof covering and prepare roof frame structure to receive new covering (cost to include cart away for roof material and all accessories removed)	m <sup>2</sup>	1119		
	<b>ROOF COVERING</b>				
B	IT5 BP959 Profiled sheets 905mm wide (857mm effective cover) 28 gauge box profile pre-painted sheets with 150mm end laps and one corrugated side laps including J bolts and washers or self tapping screws fixed to steel roof structure:	m <sup>2</sup>	1119		
C	26 Gauge ridges 300mm wide	m	200		
D	Roof Underlay as Jumbolean heavy duty roof insulation: Double-sided reflective foil with 5mm thick polyethene foam core roof sheeting laid with 150mm (minimum) end and side laps and nailed to timber rafters (measured separately)	m <sup>2</sup>	1,119		
	<b>Ceiling finishes</b>				
	<b>Carefully remove broken frames: Supply and fix as "Armstrong' or equal and approved Fibre Acoustic ceiling on and including approved suspension system comprising galvanised mild steel channels and studs on grid to Manufacturer's instructions</b>				
E	Supply and replace worn out/broken 600 x 600mm thick ceiling panels on existing grid system:	m <sup>2</sup>	0		
	<b>RAIN WATER GOODS</b>				
	<b>Heavy Duty UPVC rain goods; down pipes fixed with and including all appropriate accessories:</b>				
F	100mm diameter heavy duty UPVC downpipes	m	40		
G	Extra over downpipe for swan neck: 100mm diameter	No.	7		
H	Extra over downpipe for shoe: 100mm diameter Heavy duty UPVC shoe	No.	7		
	<b>Wrought "cypress" or equal and approved : grade 1 : knot free: pressure impregnated: selected and kept clean</b>				
I	250 x 25mm thick fascia board	m	40		
	<b>Knot, Prime &amp; Stop, prepare and apply threee coats 2-pack polyurathane clear vanish as "Crown Paints solo" or equal and approved:</b>				
J	Fascia boards 300mm wide girth	m	40		
	<b>Total for Canteen Block carried to Summary</b>				

Item	Description	Unit	Qty	Rate	Amount
	<b>SUMMARY</b>				
1	Main Administration Block - Station Managers Block				
2	Deputy Station Manager's Wing				
3	Verification Block				
4	Canteen Block				
	<b>Sub - Total 1</b>				
5	Add: VALUE ADDED TAX (16%)				
	<b>Sub - Total 2</b>				
6	Add: CONTINGENCY AMOUNT (10%)				
7	<b>TOTAL AMOUNT FOR ROOF REPAIR WORKS CARRIED TO GRAND SUMMARY</b>				





BILLS OF QUANTITY FOR REPAINTING MALABA OSBP BUILDINGS					
Item	Description	Unit	Qty	Rate	Amount
	<b>WALL PAINTING</b>				
	Paint colour code shall be provided by KRA team on site: The contractor to allow for all scaffolding necessary:				
	Scrape off/Rub down loose paint using appropriate tools: sand to remove all loose particles; clean surfaces				
	Prepare and apply one coat Acrylic Sealer Undercoat and two finishing coats 1st grade 'Crown Solo' 'Silicone Exterior paint : from 'Crown paints solo' or equal and approved: on masonry and/or concrete surfaces : on				
	<b>MAIN ADMIN BLOCK</b>				
A	External walls	m <sup>2</sup>	1500		
	<b>ANNEX ADMIN BLOCK</b>				
B	External walls	m <sup>2</sup>	700		
	<b>VERIFICATION AREA</b>				
C	External walls	m <sup>2</sup>	480		
	<b>WAREHOUSE</b>				
D	External walls	m <sup>2</sup>	600		
	<b>BAGGAGE HALL SCANNER</b>				
E	External walls	m <sup>2</sup>	88		
	<b>PUBLIC ABLUTION</b>				
F	External walls	m <sup>2</sup>	150		
	<b>GATE HOUSES</b>				
G	External walls	m <sup>2</sup>	200		
	Sand and clean surfaces: apply one coat skimming compound (where necessary) as 'Wall Magic' or equal and approved: apply ONE coat "Crown" Cover Matt and three coats plastic emulsion paint: from "Crown" or equal approved: on				
	<b>MAIN ADMIN BLOCK</b>				
H	Internal walls	m <sup>2</sup>	2200		
I	Suspended slab	m <sup>2</sup>	1035		
J	Sloping soffits of staircase & ramps	m <sup>2</sup>	89		
	<b>ANNEX ADMIN BLOCK</b>				
K	Internal walls	m <sup>2</sup>	1200		
L	Suspended slab	m <sup>2</sup>	350		
	<b>Total carried to Forward</b>				

		<b>Total Brought Forward</b>			
<b>VERIFICATION AREA</b>					
A	Internal walls	m <sup>2</sup>	500		
B	Suspended slab	m <sup>2</sup>	100		
<b>WAREHOUSE</b>					
C	Internal walls	m <sup>2</sup>	1647		
D	Suspended ceiling	m <sup>2</sup>	212		
<b>BAGGAGE HALL SCANNER</b>					
E	Internal walls	m <sup>2</sup>	88		
<b>PUBLIC ABLUTION</b>					
F	Internal walls	m <sup>2</sup>	240		
<b>GATE HOUSES</b>					
G	Internal walls	m <sup>2</sup>	250		
H	Suspended slab	m <sup>2</sup>	50		
<b>BALLUSTARDING &amp; RAILING</b>					
<b>Wire brush and scrape to remove all possible loose, chalking and flaking material, prepare and apply one undercoat and two finishings coats of epoxy paint or other equal and approved anti-rust/ corrosive treatment to metal work surfaces</b>					
I	Surfaces of railings - measured flat overall - Administration Block	m <sup>2</sup>	192		
J	Verification yard	m <sup>2</sup>	37		
<b>Total carried to summary</b>					

**SUMMARY**

1	<b>Sub-Total 1</b>				
	Add 10% contingency (sub - total 1 x 0.1)				
2	<b>Sub-Total 2 (sub-total 1 + contingency)</b>				
	Add 16% VAT (Sub-Total 2 x 0.16)				
3	<b>GRAND TOTAL CARRIED TO GRAND SUMMARY (Sub Total 2 +VAT)</b>				

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PROPOSED REFURBISHMENT WORKS

FOR KENYA REVENUE AUTHORITY

AT MALABA ONE STOP BOARDER POST

GRAND SUMMARY

ITEM	DESCRIPTION	TENDERER'S AMOUNT KES	FOR OFFICIAL USE AMOUNT KES
1	Bill No. 3 - ROOF & CEILING REPAIR WORKS		
2	Bill No. 4 - PAINTING WORKS		
<b>TOTAL CARRIED TO FORM OF TENDER</b>			

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