



**MINISTRY OF TRANSPORT, INFRASTRUCTURE, HOUSING AND URBAN  
DEVELOPMENT.**

**STATE DEPARTMENT OF PUBLIC WORKS - KERICHO COUNTY**

**ESTIMATES  
FOR  
PROPOSED CONSTRUCTION OF ADMINISTRATION BLOCK  
AT  
KAPLELIT SECONDARY SCHOOL P.O BOX 99  
FORT-TERNAN**

**ISSUED BY:  
WORKS OFFICER,  
P.O BOX 7,  
KERICHO.**



**PROPOSED CONSTRUCTION OF ADMINISTRATION BLOCK AT KAPLEKIT SECONDARY SCHOOL**

### Schedule of materials and labour

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<b>ELEMENT NO. 1 EARTH WORK EXCAVATION</b>				
A	Excavate 2000mm to reduce levels	178	SM	20	3,560
B	Excavate from reduced levels a trench not more than 1500mm depth	68	CM	100	6,800
C	Excavate in hard rock	15	CM	600	9,000
D	Cart away	30	CM	150	4,500
E	Return and fill selected materials to foundation	38	CM	50	1,900
<b>TOTAL TAKEN TO GRAND SUMMARY</b>					<b>25,760</b>

WORKS OFFICER  
(STATE DEPARTMENT OF PUBLIC WORKS)  
P.O. BOX 7 26200, KERICHO.  
Date:..... Sign: *[Signature]*

**SCHEDULE OF MATERIALS FOR PROPOSED ADMINISTRATIVE BLOCK AT KAPLELIT  
SECONDARY SCHOOL**

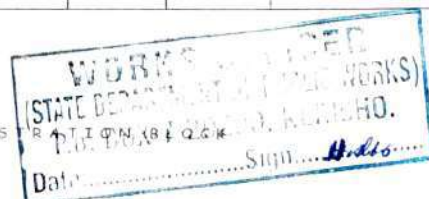
ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<b>ELEMENT NO. 2</b>				
	<b>FOUNDATION, 150MM REINFORCED SLAB</b>				
A	Cement	300	No	800	240,000
B	Sand	70	Tns	1200	84,000
C	Ballast	80	Tns	1500	120,000
D	9x9 quarry stones	1100	L/Ft	40	44,000
E	Hoop iron	1	No	3500	3,500
F	BRC A 162	3	No	7500	22,500
G	6x2 timber	180	L/Ft	90	16,200
H	Nails assorted	5	Kg	200	1,000
J	Binding wire	5	Kg	100	500
	<b>Reinforcement</b>				
K	D 10	26	Length	1100	28,600
L	D 8	24	Length	850	20,400
	<b>TOTAL FOR FOUNDATION CARRIED TO GRAND SUMMARY</b>				<b>580,700</b>



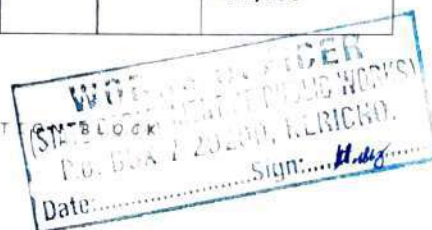
ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<b>ELEMENT NO. 3</b>				
	<b>RING BEAM, WALLING/ EAVES AND EAVES FILLING</b>				
	<b>EXTERNAL WALLING</b>				
A	9x9 machine cut	1500	L/Ft	70	105,000
	<b>INTERNAL WALLING</b>				
B	6x9	1000	L/Ft	45	45,000
C	Cement	89	No	800	71,200
D	Sand	28	Tns	1200	33,600
E	Ballast	9	Tns	1500	13,500
F	Hoop iron	1	No	3500	3,500
G	Binding wire	5	Kg	100	500
H	D 12	32	Length	950	30,400
J	D 8	56	Length	850	47,600
	<b>TOTAL FOR RINGBEAM, WALLING/EAVES AND EAVES FILLING CARRIED TO GRAND SUMMARY</b>				<b>350,300</b>



ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<b>ELEMENT NO. 4</b>				
	<b>ROOFING</b>				
	28 gauge pre-painted iron sheets				
A	2½M length	108	No	1200	129,600
B	Ridges	15	No	400	6,000
	<b>Timber cypress</b>				
C	Strushes 4x2	400	L/ft	90	36,000
D	Tie beams 6x2	300	L/ft	120	36,000
E	Struts, kingpost etc 4x2	500	L/ft	90	45,000
F	Roofing nails	14	Kg	200	2,800
	<b>Ceiling</b>				
G	Blundering 50x50mm	1700	L/ft	35	59,500
H	9mm ceiling board	60	No	1400	84,000
J	Ceiling nails	8	Kg	200	1,600
	<b>Cornice</b>				
K	75mm cornice	360	L/ft	28	10,080
	<b>Perseverative</b>				
M	20 litres tins	1	No	2000	2,000
	<b>Painting and decoration</b>				
N	20 litres emulsion	1	No	3500	3,500
	<b>Brushes</b>				
O	6"	3	No	350	1,050
	4"	2	No	180	360
	2"	1	No	150	150
	<b>TOTAL FOR ROOFING CARRIED TO GRAND SUMMARY</b>				<b>417,640</b>



ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<b>Element no. 5</b>				
	<b>Doors</b>				
	<b>Steel door</b>				
A	1200x2700 steel door c/with all necessary accessories	2	No	20,000	40,000
	<b>Wooden doors</b>				
B	Flash doors c/with frame (6x2) and all other accessories	9	No	7,000	63,000
C	Two lever mortise locks	9	No	2,500	22,500
	<b>Windows</b>				
D	1500x1700 window casement c/with burglar proof	9	No	6,000	54,000
	<b>Glazing</b>				
E	4 mm clear glass	24	Sm	800	19,200
F	4mm translucent	6	Sm	1,200	7,200
G	Putty	60	Kg	150	9,000
	<b>TOTAL FOR OPENINGS CARRIED TO GRAND SUMMARY</b>				<b>214,900</b>





ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<b>Element 6</b>				
	<b>Finishes</b>				
	<b>12mm plaster with lime</b>				
A	Cement	70	No	800	56,000
B	Sand	24	Tns	1200	28,800
C	Lime 1 kg	70	Pkts	60	4,200
	<b>Floor finish</b>				
D	300x300x6mm thick ceramic	120	Pkts	960	11,500
E	Clout cement	2	Pts	1500	3,000
F	Cement	30	No	800	24,000
G	Sand	12	Tns	1200	14,400
	<b>Painting and decoration</b>				
H	20 litres emulsion paint	3	No	3500	10,500
J	4 litres oil paint	6	No	950	5,700
K	<b>Brushes</b>				
	6"	4	No	350	1,400
	4"	4	No	180	720
	2"	2	No	150	300
	<b>TOTAL FOR FINISHES CARRIED TO GRAND SUMMARY</b>				<b>160,520</b>



ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<b>ELEMENT NO. 7</b>				
	<b>EXTERNAL WORKS</b>				
	<b>Water goods</b>				
	<b>26 gauge gutters fixed with clips at 1 meter centre to centre</b>				
A	Gutters	22	No	750	16,500
B	Clips	54	No	50	2,700
C	Down pipes 100mm diameter	12	No	500	6,000
D	Shoes/bend	8	No	500	4,000
	<b>Paving slabs</b>				
E	Cement	30	No	800	24,000
F	Ballast	12	Tns	1500	18,000
G	Sand	12	Tns	1200	14,400
	<b>TOTAL FOR EXTERNAL WORKS CARRIED TO GRAND SUMMARY</b>				<b>85,600</b>





ITEM	DESCRIPTION	AMOUNT
	<b>P.C SUMS</b>	
A	Allow Ksh. 100,000 for supply and install of low level W.C C/W 7.5 liters cistern with all necessary accessories, 2 No. sock pits drainage and water supply, 1000 litres PVC tank and 20 meters length gutters C/W down pipe	100,000
B	Allow Ksh. 80,000 for electrical installation C/W all necessary accessories including earthing, testing and commissioning	80,000
C	Allow Ksh. 30,000 for supervision management	30,000
	<b>TOTAL FOR PC SUMS CARRIED TO GRAND SUMMARY</b>	<b>210,000</b>



**GRAND SUMMARY FOR PROPOSED CONSTRUCTION OF ADMINISTRATION BLOCK AT  
KAPLELIT SECONDARY SCHOOL**

ITEM	DESCRIPTION	AMOUNT
	<b>SCHEDULE OF MATERIALS</b>	
A	Carried forward from page 2	580,700
B	Carried forward from page 3	350,300
C	Carried forward from page 4	417,640
D	Carried forward from page 5	214,900
E	Carried forward from page 6	160,520
F	Carried forward from page 7	85,600
	<b>SUBTOTAL FOR MATERIALS</b>	<b>1,809,660.00</b>
	<b>ADD LABOUR 30%</b>	<b>542,898.00</b>
	<b>SUBTOTAL</b>	<b>2,353,558.00</b>
	<b>ADD EXCAVATION FROM PAGE 1 KSH. 25,760</b>	<b>25,760.00</b>
	<b>ADD PC SUMS FROM PAGE 8 KSH. 210,000</b>	<b>210,000.00</b>
	<b>GRAND TOTAL FOR CONSTRUCTION OF ADMINISTRATION BLOCK INCLUSIVE ALL GOVERNMENT TAXES</b>	<b>2,589,318.00</b>

