

**PROPOSED CONSTRUCTION OF ADMINISTRATION BLOCK BLOCK AT
DAGO KAMRESI PRIMARY SCHOOL**

DAGO KAMRESI PRIMARY SCHOOL			Pg.....1		
Item	Description	Qty	Unit	Rate	Amount
	<u>ELEMENT NO. 01</u>				
	<u>SUBSTRUCTURE</u> <u>(ALL PROVISIONAL)</u>				
A	Clear site of bushes,grass and cart away and burn	230	SM		
B	Excavate over site average 150mm deep to remove top vegetable soil and cart away	100	SM		
C	Excavate average 250mm deep to reduce levels and cart away	25	CM		
D	Excavate for trench not exceeding 1.50 meters deep from stripped ground	56	CM		
E	Cart away excavated material and deposit in approved dump site	56	CM		
F	Return, fill and well ram around foundations with selected material	38	CM		
G	Hardcore fill in making up levels laid and compacted in layers of 150mm thick and overall thickness 300mm	35	CM		
H	Allow for keeping trenches free from water.	Item			
I	Allow for upholding sides of trenches by plunking and strutting	Item			
	Carried to collection			Kshs	

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Item	Description	Qty	Unit	Rate	Amount
ELEMENT NO. 01 CONT'D					
A	Treat surface of stripped ground with anti termite	105	SM		
B	Murram blinding laid on hardcore surface	105	SM		
C	Gauge 1000 damp proof membrane	105	SM		
<u>Plain concrete mix Class (1:4:8) in;</u>					
D	50mm thick blinding under strip foundation	45	SM		
<u>Vibrated Reinforced concrete mix (1:2:4)</u>					
E	Strip foundation	10	CM		
F	100mm thick floor bed	105	SM		
Carried to collection.....				Kshs	

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Item	Description	Qty	Unit	Rate	Amount
	<u>ELEMENT NO. 01 CONT'D</u>				
	<u>Earthworks</u>				
A	50mm thick precast concrete paving slabs (1:2:4) with joints in cement mortar (1:4) pointed in and laid on mmurram and hardcore bed including excavating 150mm deep	25	SM		
	<u>Reinforcement</u>				
	Supply and fix the following high tensile ribbed round steel bars to B.S 4461 including binding wire ,spacer blocks,cutting and bending				
B	10mm diameter bars	228	KG		
C	Ditto 8mm	114	SM		
D	BRC Fabric REF ,A142 weighing 2.20kgs per square meter including side and end laps	105	SM		
	ELEMENT NO. 01			Kshs	

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Item	Description	Qty	Unit	Rate	Amount
	<u>ELEMENT NO. 01 CONT'D</u>				
	<u>Sawn formwork to</u>				
A	Soffits of beam	18	LM		
B	Sides of beam	61	LM		
	<u>FOUNDATION WALLING</u>				
C	200mm thick natural stone walling joined in cement sand mortar (1:4) and reinforced with 25x20mm hoop iron at alternate courses	94	SM		
	<u>PLINTHS</u>				
D	12mm thick cement and sand (1:4) render to plinth	48	SM		
E	Prepare and apply three coats bituminous paint to rendered plinth	48	SM		
	Carried to collection on page.....			Kshs	

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DAGO KAMRESI PRIMARY SCHOOL				Page.....05	
Item	Description	Qty	Unit	Rate	Amount
	<u>ELEMENT NO. 01 CONT'D</u> <u>COLLECTION</u>				
	From page.. 1				
	From page.. 2				
	From page.. 3				
	From page... 4				
	TOTAL FOR SUBSTRUCTURE CARRIED TO MAIN SUMMARY				
	Carried to collectin on page.....			Kshs	

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DAGO KAMRESI PRIMARY SCHOOL				Page..... 06	
Item	Description	Qty	Unit	Rate	Amount
	<u>ELEMENT NO. 02</u>				
	<u>REINFORCED CONCRETE SUPERSTRUCTURE</u>				
	<u>Vibrated Reinforced Concrete mix class 25/20</u>				
A	Ring beam	5	CM		
	<u>REINFORCEMENT</u>				
B	12 mm diameter bars	448	KG		
C	8 mm Ditto	166	KG		
	<u>Formwork</u>				
D	Soffits of beam	29	LM		
E	Sides of beam	301	LM		
	<u>ELEMENT NO. 02</u>			Kshs	

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DAGO KAMRESI PRIMARY SCHOOL				Page..... 08	
Item	Description	Qty	Unit	Rate	Amount
	<p><u>ELEMENT NO. 03</u> <u>EXTERNAL WALLING</u></p> <p><i>Machine cut natural stone walling in cement sand mortar (1:3) with 25mm SWG hoop iron after every alternate course.</i></p>				
A	150mm thick walling	179	SM		
B	150mm ditto in gables	15	SM		
C	200x400 in piers	35	LM		
D	200mm wide damp proof course laid in cement and sand (1:4) bed	76	LM		
E	Extra over medium chisel dressed walling for neatly recessed horizontal joints	210	LM		
G	150x200mm precast concrete permanent vents with mosquitor gauze wire built in walling	13	PR		
H	200mm wide damp proof course as before described	29	LM		
	<u>Sundry</u>				
I	Raking cutting on 150mm thick walls	40	LM		
J	Eaves filling on 150mm thick walling and 300mm average hieght	90	LM		
	ELEMENT NO. 03			Kshs	

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Item	Description	Qty	Unit	Rate	Amount
	<u>ELEMENT NO. 04</u>				
	<u>ROOF ING</u>				
	<u>TIMBER TRUSSES</u>				
A	100x50mm main and valley Rafters	160	LM		
B	100X50 tie beams	85	LM		
C	100x50mm struts and ties	132	LM		
D	100x50mm king post	10	LM		
E	100x50mm wall plate	78	LM		
F	75x50mm purlins	161	LM		
	<u>Sundry</u>				
G	12mm diameter rawl bolts 200mm long with washers	20	NO		
	<u>ROOF COVERING</u>				
H	Pre-painted gauge 28 galvanised corrugated roofing sheet	225	SM		
I	Ridge and hip cap in marching sheet	14	LM		
J	200x25mm fascia and barge board	43	LM		
K	Prepare and apply one undercoat and three finishing coats of gloss oil paint to general surface of wood work 200 to 300 girth	43	LM		
	TOTAL carried to summary.....			Kshs	

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DAGO KAMRESI PRIMARY SCHOOL			Page.....10		
Item	Description	Qty	Unit	Rate	Amount
	<u>ELEMENT NO. 05</u>				
	<u>WINDOWS</u>				
	<u>Mild Steel</u>				
	<i>Purpose made steel casement windows in one coat red oxide primer and two coats gloss oil paint and complete with burglar proof bars, and locking accessories</i>				
A	Window size 1500x1400mm high.	11	NO		
	<u>Glazing</u>				
B	4mm thick clear sheet glass and glazing in panes 0 – 0.5m ² with putty	25	SM		
	<u>Cill</u>				
C	225x75mm thick weathered concrete window cill reinforced with 8 gauge weld mesh and including all necessary moulding and formwork and both sides fair fished.	21	LM		
	<u>Painting and Decorating</u>				
	<u>Internally</u>				
D	Prepare and apply three coats of gloss oil paint from Crown berger or Dura coat to surfaces of metal	33	SM		
	ELEMENT NO. 05			Kshs	

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Item	Description	Qty	Unit	Rate	Amount
	<u>ELEMENT NO. 06</u>				
	<u>DOORS</u>				
	<u>Steel doors</u>				
A	Purpose made steel double door size 1200x2400mm high in one coat red oxide primer and two coats gloss oil paint complete with locking accessories	4	NO		
	<u>Glazing</u>				
B	4mm thick clear sheet glass and glazing in panes 0 – 0.5m2 with putty.	12	SM		
	<u>IRON MONGERY</u>				
	<u>ALL AS PER UNION CATALOGUE</u>				
C	Two lever mortice lock complete with door furniture.	8	NO		
D	100mm pressed steel butt hinges.	10	PRS		
E	25mm diameter rubber door stop fixed to floor slab or wall with 8mm rawl bolt.	5	NO		
	<u>Painting and Decorating</u>				
	Externally				
F	Prepare and apply three coats of gloss oil paint from Crown berger or Dura coat to surfaces of metal	16	SM		
	<u>Internally</u>				
G	Prepare and apply three coats as before	16	SM		
	TOTAL FOR DOORS.....			Kshs	

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Item	Description	Qty	Unit	Rate	Amount
	<u>ELEMENT NO. 07</u>				
	<u>Flush doors; BS 459 part 2 solid cre</u>				
	<u>6mm thick internal quality plywood</u>				
	<u>facing both sides ,hardwood lipped on</u>				
	<u>all edges</u>				
A	45mm thick door size 900x2400mm high	4	No		
	<u>Door frame with vent lights</u>				
B	Wrot hardwood 5x100mm rebated door frame fixed to wall with metal clamps	53	Lm		
	<u>Beadings</u>				
C	45x20mm Architraves	53	Lm		
D	15x15mm Quadrants	53	Lm		
	Carried to collection on page.....			Kshs	

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DAGO KAMRESI PRIMARY SCHOOL		Page.....13			
Item	Description	Qty	Unit	Rate	Amount
	ELEMENT NO. 08				
	<u>FINISHES</u>				
	<u>EXTERNAL FINISHES</u>				
A	12mm thick cement and sand (1:4) rendering to concrete surfaces and gables woodfloat finished	46	Sm		
B	Ditto to walls and eaves	46	Sm		
	<u>Painting and Decorating</u>				
C	Prepare and apply three coats plastic emulsion paint from Crown Berger or Dura Coat to plastered surfaces	92	Sm		
	<u>Internal Wall Finishes</u>				
D	12mm thick plaster plus cement and sand (1:4) steel float finished	389	Sm		
	<u>Painting and Decorating</u>				
E	Prepare and apply three coats plastic emulsion sylk vinyl paint from Crown Berger or Dura Coat to plastered surfaces	389	Sm		
F	Raking cutting on 150mm thick walls	80	Lm		
	<i>Total carried forward.....</i>				

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DAGO KAMRESI PRIMARY SCHOOL		Page.....14			
Item	Description	Qty	Unit	Rate	Amount
	ELEMENT NO. 08 CONT'D <u>Floor Finishes</u>				
A	20mm thick cement and sand (1:3) floor screed to receive tiles	105	SM		
	<u>CERAMIC TILES</u>				
B	10mm thick ceramic tiles in flooring size 300x300mm laid with cement grout and joints pointed with white cement	105	SM		
C	10mm ditto but 100mm high skirting	51	LM		
	<u>Collection</u>				
	<u>COLLECTION</u> From previous page				
	From page above				
	TOTAL FOR FINISHES			Kshs	

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ITEM	DESCRIPTION	UNIT	AMOUNT
	The contractor shall include in his tender the following to be spent in whole or in part as directed by the Project Manager		
A	Allow a provisional sum of Kenya shillings One hundred thousand (Kshs. 100,000) only for Contigencies	Sum	100,000
C	Allow for Branding of Project in accordance with NG-CDF Board specifications	ITEM	50,000
D	Allow a provisional sum of Kenya shillings One hundred thousand (Kshs. 100,000) only for Project Supervision		100,000
E	Allow a provisional sum of Kenya shillings One hundred thousand (Kshs. 100,000) only for Eletrical Installation		100,000
	TOTAL FOR PRIME COST & PROVISIONAL SUMS		
	Carried to summuray on page.....		350000

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MAIN SUMMARY		Page.....16			
ITEM	DESCRIPTION	PAGE	CONTRACTOR'S SUM		OFFICIAL
A	BUILDING WORKS				
B	PRIME COST & PROVISIONAL SUMS				350,000
	SUB TOTAL				
	GRAND TOTAL				

AMOUNT IN WORDS, KENYA SHILLINGS;

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MAIN CONTRACTOR.....

ADDRESS.....

SIGNATURE.....

DATE.....