

**BILL 1 SUBSTRUCTURES**

**County Government of Elgeyo Marakwet**

<b>ITEM</b>	<b>DESCRIPTION</b>	<b>QTY</b>	<b>UNIT</b>	<b>RATE</b>	<b>AMOUNT</b>
	<b><u>ELEMENT 01</u></b>				
	<b><u>SUBSTRUCTURES (ALL PROVISIONAL)</u></b>				
	<b><u>Site clearance</u></b>				
A	Clear site to remove shrubs and other vegetation and Cart away debris	360	sm		
	<b><u>Excavations to Reduce Levels</u></b>				
B	Excavate vegetable top soil average 150 mm deep and Cart away debris as directed	360	sm		
C	Ditto for depths not exceeding 1.5m for hardcore pit actual depth 0.3m deep	360	sm		
	<b><u>Excavations for trenches</u></b>				
D	Excavate foundation trench not exceeding 1.5 m deep starting from stripped level actual depth for excavation average depth to be determined on site	126	cm		
E	Ditto for Column Pits size 1200x1200x1500mm deep				
	<b><u>Backfilling</u></b>				
F	Return fill and ram in selected excavated material around foundation wall sides	68	cm		
	<b><u>Anti termite treatment</u></b>				
G	"Termidor" or equal Insecticide treatment to surface of blinding with 10 year guarantee	360	sm		
	<b><u>Lean concrete (1:4:8) in:-</u></b>				
H	50mm thick blinding under strip foundations.	84	sm		
	<b><u>Vibrated Concrete (1:2:4) in ;</u></b>				
J	In slab	360	sm		
K	In Column footing and Substructure Column	56	cm		
L	200x600mm wide strip foundation footing	18	cm		
	<b><u>Steel Fabric Reinforcement</u></b>				
M	Fabric Mesh Reinforcement to B.S 4483 Ref A 142weighing 2.22 KG/SM with minimum 300 mm end and side laps.(measured nett)	360	sm		
	<b><u>Substructure Page 1 Totals to Collection</u></b>				

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<b>ITEM</b>	<b>DESCRIPTION</b>	<b>QTY</b>	<b>UNIT</b>	<b>RATE</b>	<b>AMOUNT</b>
	<b><u>Reinforcements at Footing (Provisional)</u></b>				
	Reinforcements, include for tying wires and spacer blocks at Strip Footing, Column Base and Substructure Column				
A	12mm Diameter bars	958	Kgs		
B	10mm Diameter bars	450	Kgs		
C	8mm Diameter bars	345	Kgs		
	<b><u>Sawn Formwork to;</u></b>				
	Sides of column and Column Footing	52	sm		
D	Sides of 200mm thick ground floor slab	98	Lm		
	<b><u>Foundation Walling</u></b>				
E	200mm thick Natural quarry stone walling fine cut bedded in mortar (1:4) and including hoop iron 25mm wide,gauge 16 at every alternate course	175	sm		
	<b><u>Damp proofing</u></b>				
	<b><u>DPC</u></b>				
F	200 mm wide bituminous based damp proof course on walls	129	Lm		
	<b><u>DPM</u></b>				
G	1000 gauge damp proof membrane laid with minimum 300mm end and side laps	360	sm		
	<b><u>Hardcore Filling</u></b>				
H	300mm thick approved hardcore filling in layers notn exceeding 150mm thick	360	sm		
	<b><u>Murram Blinding</u></b>				
J	50mm thick murram blinding to surface of hardcore with approved fine inert material	360	sm		
	<b><u>Plinth</u></b>				
K	25 mm thick Bituminous Paint as Plinth		sm		
L	Bituminous Paint to Ditto		sm		
	<b><u>Rock</u></b>				
M	Allow for Excavation in Rock Class 1	1	Item		
	<b><u>Planking and Strutting</u></b>				
N	Allow for Plunking and Strutting to sides of excavation Trench	1	Item		
	<b>Collection of Substructure</b>				
	<b>From Page 2</b>				
	<b>From Page 3</b>				
	<b><u>Substructures Totals to Summary</u></b>				

**County Government of Elgeyo Marakwet**

<b>ITEM</b>	<b>DESCRIPTION</b>	<b>QTY</b>	<b>UNIT</b>	<b>RATE</b>	<b>AMOUNT</b>
	<b><u>ELEMENT 02</u></b>				
	<b><u>SUPERSTRUCTURE</u></b>				
	<b><u>Natural Stone walling</u></b>				
A	200mm thick Natural quarry stone walling fine cut bedded in mortar (1:4) and including hoop iron 25mm wide,gauge 16 at every alternate course	300	sm		
B	100mm thick ditto	25	sm		
	<b><u>Concrete</u></b>				
C	Vibrated concrete mix 1:2:4 in Ring Beam and Superstructure Columns, First Floor Slab and Stairs	97	cm		
	<b><u>Reinforcements(Provisional)</u></b>				
	Reinforcements, include for tying wires and spacer blocks in Columns, Slab, Ring Beams and Stairs				
D	16mm Diameter Bars	1200	Kgs		
E	12mm Diameter Bars	1660	Kgs		
F	10mm Diameter Bars	3060	Kgs		
G	8mm Diameter Bars	1350	Kgs		
	<b><u>Sawn Formwork to :-</u></b>				
H	Sides and Soffits of ringbeam	217	sm		
J	Soffits of Slab	380	sm		
K	Soffits of Stairs	10	sm		
L	Sides of Stairs	10	Lm		
M	Risers	6	sm		
	<b><u>Superstructure Walling to Summary</u></b>				

County Government of Elgeyo Marakwet

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<b><u>ELEMENT 03</u></b>				
	<b><u>DOORS</u></b>				
	<b>45mm thick semi-solid core flush door to B.S 459:part 2 hardwood veneered both sides with first quality plywood and lipped on all edges in approved hardwood.</b>				
A	Door size 900 x 2100 mm high	12	No		
B	Ditto size 1200x2100mm high	10	No		
C	Ditto size 1500x2100mm high double leaf	4	No		
D	150x50mm;2no. Labours;plugged door frame	154	Lm		
E	40x25mm weathered architrave	154	Lm		
F	25mm rounded quardrant	154	Lm		
	<b><u>Iron mongery</u></b>				
	Supply and fix the following to UNION catalogue or other equal and approved. To softwood,hardwood or the like fixing with matching screws				
G	Two lever mortice lock complete with set lever brass handle furniture.	26	No		
H	100mm steel butt hinges	40	Prs		
J	Rubber door stop complete with 38mm rawl bolt	40	No		
	<b><u>Painting and decorations</u></b>				
	Prepare & apply three coats gloss oil paint CROWN SOLO' or other equal approved to:- General surfaces of timber doors internal and external				
K	Aluminium primer or other equal & approved wood primer before fixing:-	168	sm		
L	Backs of frame,board,etc over 100mm but not exceeding 200mm girth	154	Lm		
	<b><u>Prepare &amp; apply three coats oil paint gloss Crown Solo' or other equal approved to:-</u></b>				
M	Timber frames;over 100mm but not exceeding 200mm girth.	154	Lm		
	<b>Doors Totals Carried to Summary</b>				

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ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<b><u>ELEMENT 04</u></b> <b><u>WINDOWS</u></b>				
	<b>Supply &amp; fix the following purpose made;standard aluminium window metal section from the approved manufacturer complete with stays &amp; fasteners to match and one coat manufacturer's primer; and pinning to plastered framing,fixing to head and sill with screws;plugging</b>				
A	window,overall size 1500x1200mm high	2	No		
B	window,overall size 3000x1800mm high	18	No		
C	window,overall size 400x400mm high	8	No		
	<b><u>Glazing</u></b>				
D	4mm thick clear sheet glass panes over 0.1 not exceeding 0.5 square meters; with putty including for Huduma Centre Partitioning	130	sm		
E	Ditto but obscured glazing	2	sm		
	<b><u>Painting and Decorations</u></b>				
	Aluminium primer or other equal & approved wood primer before fixing:-				
F	Backs of frame,board,etc over 100mm but not exceeding 200mm girth	200	Lm		
G	Prepare & apply three coats oil paint gloss to crown solo or other equal and approved to:- surfaces of metal	200	Lm		
	<b><u>Windows Totals Carried to summary</u></b>				

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ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<b><u>ELEMENT 05</u></b>				
	<b><u>FINISHES</u></b>				
	<b><u>Wall finishes</u></b>				
	Gauged plaster 12mm thick 2No. Coats,9mm first coat of cement sand (1:4);3mm second coat of cement & lime (1:1):steel trowelled blockwork base generally to walls:-				
A	Internal	480	sm		
B	External but not gauged	170	sm		
	<b><u>Ceiling finishes</u></b>				
C	Gauged plaster 12mm thick 2No. Coats,9mm first coat of cement sand (1:4);3mm second coat of cement & lime (1:1):steel trowelled generally to slab soffits:-	380	sm		
E	9mm thick Gypsum Ceiling finish fixed with 25mm long screws at 300mm centres to studs and channels at 600mm centres all inclusive	380	sm		
	<b><u>painting and decorations</u></b>				
	Prepare and apply three coats of first quality plastic emulsion paint to:-				
F	Plastered walls and ring beams internally	560	sm		
G	Ditto Externally	170	sm		
H	Ceiling Soffits	760	sm		
	<b><u>Floor Finishes</u></b>				
	12mm cement -sand screed ready to receive ceramic tiles to approval:				
J	Floor;internal	720	sm		
	<b><u>Ceramic floor tiles</u></b>				
	<b>Anti- slip ceramic floor tiles to B.S 1281; local coloured glazed floor tiles to regular approved pattern,bedding &amp; jointing in mortar to approval ,grouting in white</b>				
K	330 x 330 x 6mm thick	760	sm		
	<b><u>Balustrades</u></b>				
L	900mm high balusters comprising 75mm mild steel handrail and 25x25x2mm thick mild steel balusters at 200mm centres in decorative pattern on staircases and landing to architects approval	20	sm		
M	Prepare & apply three coats oil paint gloss Crown Solo' or other equal approved to ditto	20	sm		
	<b><u>Totals Carried to Collection</u></b>				

County Government of Elgeyo Marakwet

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<b><u>ELEMENT 06</u></b>				
	<b><u>SANITARY FITTINGS AND FIXTURES</u></b>				
	<b><u>WC</u></b>				
A	Stylish economical Closet- coupled washdown Vitreous china WC suite in approved colour comprising WC bowl with horizontal outlets, and cover. As "Twyfords" or other equivalent.	8	No		
	<b><u>Wash hand basins</u></b>				
B	An elegently styled viteous China semi-mounted washhand basin with taphole & of size 560mm X 435mm in approved colour complete with, Aztec monobloc basin mixer, 32mm dia pop-up waste chromeplated,32mm chrome plated bottle trap. As"Twyfords" or approved equivalent.	4	No		
	<b><u>Toilet roll holder</u></b>				
C	Toilet roll holder in brass 25mm diameter and plugged in walls	8	No		
	<b><u>Mirrors</u></b>				
D	6mm thick Supply & fix mirrors with bevelled edges size 450 X 600mm in timber backing and screwed	4	sm		
	<b><u>Urinals</u></b>				
E	Supply and fix Bowl urinals complete with all desired accessories complete fixed to tiled walling and making good to all disturbed surfaces to approval	2	No		
	<b><u>Handles</u></b>				
F	Recessed handles as' Twyfords' or other approved equal diameter 25mm	16	No		
	<b><u>Sinks</u></b>				
G	double bowl double drain stainless steel sink complete with taps and all ancillaries	2	No		
	<b><u>Totals Carried to Collection</u></b>				



County Government of Elgeyo Marakwet

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<b>ELEMENT NO 7</b>				
	<b><u>ROOFING AND RAINWATER GOODS</u></b>				
A	<b>Provide a Prime Cost Sum of Three and Fifty Thousand Only for supply and fixing LIGHT GAUGE steel roof structure and related accessories</b>				
		Item		Sum	
B	<b>Allow for Builders work and all Attendance in connection with erection of the roof structure for all related works</b>				
		Item		Sum	
	<b><u>Roof Covering</u></b>				
	Decra roofing tiles supplied by Space and Style (k) ltd or other equal and approved; laid and fixed in accordance with the manufacturer's instructions and to Architect's approval				
C	Roof covering including all necessary fixtures	570	Sm		
D	Ridge/Hip cap	68	Lm		
	<b><u>Galvanized sheets</u></b>				
E	Flat metal sheet valley flashings; 26 gauge; 500mm wide; bending and fixing under tiles	20	Lm		
	<b><u>Rainwater Goods</u></b>				
	<b><u>Prepainted galvanized mild steel</u></b>				
F	150 x 150mm Box gutter; gauge 22; fixed to fascia with and including steel flat brackets at 1500 mm (maximum) centres; outlets as necessary; closed ends	84	Lm		
G	100x100mm Prepainted metal rain water downpipe; holderbats at 1500mm (maximum) centres	42	Lm		
H	Extra over ditto for 800 mm swan neck offset	7	No		
J	Ditto for shoe	7	No		
	<b><u>Eaves covering</u></b>				
K	12mm Thick chipboard ceiling nailed on and including 50 x 50 brandering at 600mm centers both ways with neat V-joints	380	Sm		
L	200 x 25mm Wrot cypress fascia board	84	Lm		
	<b>Prepare surfaces and apply undercoat and two finishing coats first grade gloss enamel paint as "Crown Paint" or other equal approved; on wooden surfaces; to</b>				
M	Fascia; surfaces 200 - 300mm girth	84	Lm		
	<b><u>Totals Carried to Collection</u></b>				

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<b>ITEM</b>	<b>DESCRIPTION</b>	<b>QTY</b>	<b>UNIT</b>	<b>RATE</b>	<b>AMOUNT</b>
	<b>PRIME COST SUMS</b>				
A	Allow a Prime Cost Sum of Kenya Shillings Eight Hundred Thousand Only for electrical Works				<b>800,000</b>
B	Allow a Prime Cost Sum of Kenya Shillings Eight Hundred Thousand Only for Mechanical Works and Septic Tank for 250 persons				<b>800,000</b>
C	Allow a Provisional Sum of Kenya Shillings One Million and Six Hundred Thousand Only for Landscaping				<b>1,600,000</b>
D	Allow a Provisional Sum of Kenya Shillings Nine Hundred Thousand Only for Fencing and Gate Installation				<b>900,000</b>
E	Allow a Provisional Sum of Kenya Shillings Fifty Thousand Only for Sign Board				<b>50,000</b>
F	Allow Provisional Sum of Kenya Shillings One Hundred Thousand Only for Project Management				<b>100,000</b>
	Allow a Provisional Sum of Kenya Shillings One Hundred Thousand Only for Hoarding				<b>100,000</b>
	<b><u>Grand Summary</u></b>				<b>4,350,000</b>

**County Government of Elgeyo Marakwet**

ITEM	DESCRIPTION	AMOUNT	
	<b>SUMMARY</b>		
	Bill 01: Substructure		
	Bill 02: Superstructure		
	Bill 03: Doors		
	Bill 04: Windows		
	Bill 05: Finishes		
	Bill 06: Sanitary Fittings and Fixtures		
	Bill 07: Roofing and Rainwater Goods	<b>4,350,000</b>	
	Add Provisional Sums for Contingencies to be expended in part or in whole at the discretion of the Project Manager Kenya Shillings Six Hundred Thousand Only	<b>600,000</b>	
	<b>GRAND TOTAL TO FORM OF TENDER</b>		

\* Note that prices quoted are inclusive of all taxes

CONTRACTOR'S NAME:.....

ADDRESS.....

SIGN.....

DATE:.....

STAMP:.....