

GROUND FLOOR WORKS

PROPOSED CONSTRUCTION OF AN INDUSTRIAL BLOCK AT NAIROBI WEST PRISON - NAIROBI

ITEM	DESCRIPTION	QTY	UNIT	RATE	K.SHS
	<u>GROUND FLOOR WORKS</u>				
	<u>ELEMENT NO. 1</u>				
	<u>FRAME</u>				
	<u>Insitu concrete; reinforced; class 25 / 20; vibrated</u>				
A	Beams	7	cm		
B	Columns	4	cm		
C	Steps, staircases or strings	2	cm		
D	150mm Suspended landing	5	sm		
E	150mm thick suspended slab	205	sm		
	<u>Reinforcement (All provisional)</u>				
	<u>Bars; high yield steel; cold worked to B.S. 4461 and mild steel hot rolled to B.S. 4449; including bends, hooks, tying wire and distance blocks</u>				
F	Assorted sizes; 8 - 25mm Diameter	5250	kg		
	<u>Sawn formwork to insitu concrete as described:-</u>				
J	To sides and soffits of beams.	85	sm		
K	Vertical sides of columns	55	sm		
<i>Carried to Collection</i>					

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A	To soffits of suspended landing	5	sm		
B	To soffits of suspended slab	205	sm		
C	To sloping soffits of suspended staircase over 15° from horizontal	8	sm		
D	Edges of suspended slab, 75 to 150mm wide	165	lm		
E	Edge of risers; 75 to 150mm wide	26	lm		
F	Edge of open strings of staircase 225 to 300mm including forming profiles of treads and risers	7	lm		
<i>Carried to Collection</i>					
<p><u>COLLECTION</u></p> <p>From page GF/1</p> <p>From Above</p>					
TOTAL FOR FRAME CARRIED TO SUMMARY					

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ITEM	DESCRIPTION	QTY	UNIT	RATE	K.SHS
	<u>ELEMENT NO. 2</u>				
	<u>WALLING</u>				
	<u>Precast concrete grade 20(12mm aggregate) including formwork, finishing fair on all exposed surfaces and hoisting and placing in position, bedding, jointing and pointing in cement and sand (1:3) mortar</u>				
A	WINDOW CILL; 250 x 50 mm extreme height; once weathered; once throated; reinforced as necessary for handling; surface fair finish 275 mm girth; bedding, jointing and pointing in cement sand (1:3) mortar	35	lm		
	<u>NATURAL STONE WALLING</u>				
B	200 mm thick approved local; chisel dressed both sides; bedding, jointing and pointing in cement sand (1:3) mortar; external	185	sm		
C	150mm ditto; internal; reinforced with hoop iron at alternate courses	50	sm		
D	Extra over horizontal and vertical pointing in 10mm thick rod in cement and sand (1:3) mortar; one coat of	185	sm		
TOTAL FOR WALLING CARRIED TO SUMMARY					