

**WAITROSE FOUNDATION IN COLLABORATION WITH FLAMINGO HORTIVULTURE LTD  
FAIRTRADE VOCATIONAL TRAINING COLLEGE CLASSROOMS**

**FAIR TRADE VOCATIONAL TRAINING CENTER BOQ**

ITEM	DESCRIPTION	UNIT	QTY	RATE	COST
	<b>Classroom</b>				
	<b><u>D. SITE CLEARANCE</u></b>				
	Clear area of new construction of all undergrowth, small bushes, grab up all trees and remove any existing structures and obstructions as directed.	m <sup>2</sup>	195.00		
	<b><u>E. EARTHWORKS</u></b>				
	Excavate to a depth of 300mm to remove vegetable top soil; part set aside for backfill and remainder cart away	m <sup>2</sup>	98.00		
	Excavate for beams footing commencing from reduced level: not exceeding 1.5 m deep; part set aside for backfill and remainder cart away	m <sup>3</sup>	14.00		
	Excavate for bases and backfill in layers depth 4 metres	m <sup>3</sup>	98.12		
	Allow for strapping of excavated bases against collapse	sum			
	Backfill in trenches	m <sup>3</sup>	9.38		
	Cart away pread surplus materials as directed with 100 metres distance	m <sup>3</sup>	200.74		
	200mm and deep below slab	m <sup>3</sup>	59.00		
	Termidor 25EC anti-termite chemical treatment: applied by approved professional pest control specialist: applied strictly in accordance with the manufacturer's instructions: 10 year guarantee	m <sup>2</sup>	186.00		
	<b>DPM</b>				
	Gauge 1000 polythene damp proof membrane including 300mm laps minimum	m <sup>2</sup>	186.00		
	<b><u>F. CONCRETE WORKS</u></b>				
	Blinding concrete class 15 below strip foundation, 50mm thick	m <sup>2</sup>	23.00		
	Reinforced concrete class 25/20 to bases 300mm thick	m <sup>3</sup>	8.00		
	Class 25/20 to columns	m <sup>3</sup>	16.00		
	Class 20/20 to lintles	m <sup>3</sup>	0.80		
	Class 25/20 to beams	m <sup>3</sup>	13.00		
	Class 20/20 concrete to slab 75mm thick	m	186.00		
	<b><u>G. CONCRETE ANCILLIARIES</u></b>				
	Fair formwork to sides of the slab	m	58.00		
	200mm soffits to lintel	m <sup>2</sup>	4.00		
	200mm deep formwork to lintels	m <sup>2</sup>	10.00		
	300mm deep to ring beam and lintles	m <sup>2</sup>	137.00		
	To columns	m <sup>2</sup>	32.00		
	<b>Total carried to Summary</b>				<b>0.00</b>

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ITEM	DESCRIPTION	UNIT	QTY	RATE	COST
	<b><u>Supply and fix steel bar in structural concrete work including cutting, bending, hoisting, tying wire, spacing blocks and supporting all in position as required</u></b>				
	Y10 in bases	kg	954.00		
	Y12 to beams	kg	896.00		
	Y8 links to beams	kg	335.00		
	Various to the slab	Kg	600.00		
	<b>Mesh fabric reinforcement</b>				
	Mesh reinforcement No. A142 size 200 x 200 mm weighing 2.22 kg per square metre: in floor slab: including all necessary supports	m2	190.00		
	<b>Steel Columns</b>				
	Supply and fix 76.2mm diameter by 3300mm long mild steel stanchion for verandah roof support including embedding in concrete floor and finished with one coat of zinc chromate primer and 2 coats of oil paint	kg	313.00		
	<b><u>Machine dressed natural stone walling bedded in cement and sand mortar (1:3) with minimum stone crushing strength of 7N/mm² and reinforced with hoop iron gauge 500 in every alternative course.</u></b>				
	200mm thick Dressed stone walling	m²	142.00		
	300x300 hollow pots to floor	m²	186.00		
	<b><u>Bituminous felt or other equal approved damp-proof course: in cement/ sand (1:3) mortar</u></b>				
	200 mm Wide	m	52.00		
	<b><u>Floor Finishes</u></b>				
	<b><u>Terrazo Floors</u></b>				
	40mm thick terrazo finish comprising of 20mm thick cement sand screed and 20mm thick terrazzo paving ground smooth and polished including 32x3mm dividing stripstrips	m²	171.00		
	100mm high skirting	m	66.00		
	<b><u>Wall Finishes</u></b>				
	<b><u>Plaster: 15 mm cement/lime putty/sand: steel trowelled: on masonry or concrete: to</u></b>				
	Internal walls	m²	297.00		
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ITEM	DESCRIPTION	UNIT	QTY	RATE	COST
	<b><u>External cement and sand(1:3) render: steel trowelled: on masonry or concrete: to</u></b>				
	Recessed key to external walls	m <sup>2</sup>	152.00		
	Plaster to lintel and ringbeam	m <sup>2</sup>	14.00		
	Bag finish to beams	m <sup>2</sup>	14.00		
	Plaster to exposed sides of slab	m <sup>2</sup>	13.00		
	<b><u>Prepare surfaces: apply three coats of approved first grade plastic emulsion paint: on steel trowelled plaster: to</u></b>				
	Apply 2 under coats and one coat of first grade silk vinyl paint to internal plastered wall	m <sup>2</sup>	297.00		
	Paint plastered external with black paint	m <sup>2</sup>	13.00		
	Prepare and apply one undercoat and two coats of first paint finishingcoat of emulsion paint on	m <sup>2</sup>	138.00		
	Black paint to black board	m <sup>2</sup>	14.00		
	<b><u>Roofing</u></b>				
	<b><u>Supply, hoist and fix the following treated cypress roof members including gusset plates reinforcement of joints, scarf joints, hoop iron binding and nails all as necessary</u></b>				
	100x50mm Grade 2 cypress wall palte	m	54.60		
	150x50mm Grade 2 cypress	m	390.00		
	100x50 grade 2 cypress	m	144.00		
	75x50 grade 2 cypress purlins	m	209.00		
	250x25mm fascia board finished with one coat of wood primer and two coats of first grade gloss paint	m	62.00		
	<b><u>Roof Covering</u></b>				
	28 Gauge standard prepainted IT5 "MRM" roofing sheets coverng including edging trim, fixing to purlins, complete with approved washers, caps etc, including all necessary curvatures, hoisting, placing and connections	m <sup>2</sup>	226.10		
	300mm girth 28G prepainted Galvanized ridge cap	m	21.00		
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ITEM	DESCRIPTION	UNIT	QTY	RATE	COST
	<b><u>13mm Thick Gypsum ceiling on 50 x 50 mm brandering 600 mm centres including finishing in 100 x 25mm curved cornice.</u></b>				
	Ceiling: patterns to architects approval and detail	m <sup>2</sup>	138.00		
	<b><u>Wrot prime grade cypress in:</u></b>				
	75 X 25mm moulded cornice with three labours plugged to wall	m	67.00		
	<b><u>Doors and windows</u></b>				
	<b><u>Supply and fix the following Ex-shop standard welded mild steel casement windows comprising of standard 25 x 25 x 3 mm Z section framing: complete with approved Brass fasteners, stays and all other necessary iron mongery: including 75 mm perforated mild steel permanent vent and hood at the top infilled with mosquito wiregauze and all primed in one coat red oxide primer before delivery to site and all welds ground smooth including fixing lugs to masonry and/or beams bedded in cement and sand (1:3) mortar and pointing all round with mastic.</u></b>				
	1500x1200mm c/w with 4mm thick grazing	No	14.00		
	Fasteners	NO	28.00		
	Stays	NO	28.00		
	<b><u>Metal doors</u></b>				
	50mm thick single leaf wrot cypress panel door size 900x2100mm high fitted with 100 x 50mm grooved frames and painted with clear furnish ready to be fixed to position	NO	2.00		
	<b><u>Wndow Cills</u></b>				
	150mm wide by 50mm thick concrete window cill. Rate to include formwork, reinforcement and drip tap	m	21.00		
	<b><u>Rainwater goods</u></b>				
	<b><u>Galvanised iron metal sheet: gauge 24: pre-painted</u></b>				
F	150x150mm Box gutter: fixed to fascia with and including steel flat brackets at 1500 mm (maximum) centres: holes for down pipes as necessary: closed ends; painted to approval	m	22		
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ITEM	DESCRIPTION	UNIT	QTY	RATE	COST
	<b><u>Supply and fix approved uPVC rain water system with solvent welded, seal ring or dry joints to manufacturer's instruction.</u></b>				
	uPVC rain water system; heavy gauge; 100 mm diameter grey rainwater down pipe.	m	12		
	Extra over ditto for 800 mm swan neck offset	nr	4		
	Ditto for shoe	nr	4		
	<b><u>Electrical</u></b>				
	<b>Supply, install, test and commission the following :</b>				
	Lighting points wired in 3 x 1.5 sq mm sc PVC copper cables as E.A drawn in 20mm diameter HG PVC conduits complete with all accessories				
	One way switching	No	2		
	The installation should be full conduit work.				
	Lighting fittings complete with bulbs or tubes of appropriate wattage and colour rendering as follows:	No	12		
	a) 1200mm 18W LED lighting, fitting as thorn or approved equivalent NO 14 2500 35,000.00				
	b) 600mm 9W LED lighting, fitting as thorn o				
	Power points in ring main wired in 3x2.5 sq mm SC PVC copper cables drawn in concealed 20mm diameter HG PVC conduits including all the necessary accessories	No	12		
	13A twin switched socket outlet plate ivory type as MK or approved equivalent	No	16		
	Install an eight (4) ways D.B with a 125 Amps MCCB as harvells type or approved equivalent	No	2		
	<b><u>MCBs as Crabtree or its approved equivalent:-</u></b>				
	6 Amps	No	4		
	20 Amps	No	4		
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Item	Description	Unit	Qty	Rate	Shs
	<u><b>SUMMARY</b></u>				
	Brought forward from page 1				
	Brought forward from page 2				
	Brought forward from page 3				
	Brought forward from page 4				
	Brought forward from page 5				
	<b>Sub-total</b>				
	Add 10% for Contingencies				
	<b>Total</b>				
	Add 16% VAT				
	<b>TOTAL TENDER PRICE</b>				