

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>ELEMENT 01: SUBSTRUCTURES</u> <u>(All Provisional)</u>				
	<u>Site clearance</u>				
A	Clear site to remove shrubs and other vegetation and cart away debris	170	SM		
	<u>Excavations to Reduce Levels & Hardcore pit</u>				
B	Excavate vegetable top soil average 200 mm deep and cart away debris as directed	170	SM		
	<u>Excavations for trenches</u>				
C	Excavate foundation trench not exceeding 1.5 m deep starting from stripped level actual depth for excavation average depth to be determined on site	72	CM		
	<u>Backfilling</u>				
D	Return fill and ram in selected excavated material around foundation wall sides 200 mm	31	CM		
	<u>Hardcore Laying</u>				
E	250mm thick approved hardcore filling consolidated and rolled in layers not exceeding 150mm thick.	39	CM		
	<u>Murram Blinding</u>				
F	50mm thick murram blinding to surfaces of hard-core with approved fine inert material.	156	SM		
	<u>Anti termite treatment</u>				
G	"Termidor" or equal Insecticide treatment to surface of blinding with 10 year guarantee	165	SM		
	<u>Lean concrete (1:4:8) in:-</u>				
H	50mm thick blinding under strip foundations.	3	CM		
	<u>Concrete Class 20/20 (1:2:4) in ;</u>				
I	100mm thick Floor slab.	156	SM		
J	Strip foundation footing	10	CM		
	<u>Total carried to collection</u>				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>Steel Fabric Reinforcement</u>				
A	B.R.C Mesh Reinforcement type A98 weighing 2.22 KG/SM with minimum 300 mm end and side laps.	165	SM		
	<u>Sawn Formwork to;</u>				
B	Edge of slab 75-150mm wide.	60	LM		
	<u>Foundation Walling</u>				
C	200mm thick Quarry stone walling bedded and jointed in cement sandmortar (1:3) and reinforced with 16gauge hoop iron at alternate course	84	SM		
	<u>Damp proofing</u>				
D	1000 gauge damp proof membrane laid with minimum 300 mm side and end laps	165	SM		
E	200 mm wide bituminous based damp proof course on walls	58	LM		
F	100mm ditto	13	LM		
	<u>Plinths</u>				
G	Render and set 12 mm thick cement and sand (1:4) plaster on plinth	18	SM		
H	Prepare and apply three coats gloss emulsion paint to rendered surfaces externally	18	SM		
	<u>Reinforcements</u>				
	Reinforcements, include for tying wires and spacer blocks for strip footing				
I	Y10	186	KG		
J	Y8	104	KG		
	Total carried to collection				
	<u>Total for page 1 to collection</u>				
	<u>Total brought down from above</u>				
	Totals for Element 01 carried to summary				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
<u>ELEMENT 02: SUPERSTRUCTURES</u>					
<u>Walling</u>					
A	150mm well seasoned brick walling bedded and jointed in mortar and recessed and pointed on one side in cement sand mortar (1:4) to approval reinforced with hoop iron gauge 16 at every alternate course	160	SM		
<u>Ringbeam</u>					
B	Vibrated concrete mix 1:2:4	3.5	CM		
<u>Reinforcements</u>					
Reinforcements, include for, cutting fixing, tying wires and spacer blocks					
C	12m diameter	201	KG		
D	8mm diameter	102	KG		
<u>Formwork</u>					
E	sawn cypress formwork to sides and soffits of ditto	45	SM		
<u>Total for Walling carried to Summary</u>					

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
ELEMENT 03: WINDOWS					
<u>Standard heavy duty steel casement window with fasteners and stays complete</u>					
A	Window size 2000x900mm high	4	NO		
B	Window size 1500x1400mm high	6	NO		
<u>Glazing</u>					
C	4mm thick clear sheet glass and glazing in panes 0.1-0.5 M with putty	21	SM		
<u>Window Cill</u>					
	300mm widex 50mm thick insitu cast window cill to approval with 5mm diameter throat at soffites and painted	17	LM		
<u>Carried to Summary</u>					

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
ELEMENT 04: DOORS					
<u>Steel Doors</u>					
A	<u>Fabricate,deliver and install 1200x2400mm high purpose made steel casement door (to Arch detail) to comply to B.S 990,obtained from an approved manufacturer,primed with redoxide primer before delivery to site complete with frame, hinges,handles,catches</u>	2	NO		
B	900x2400mm ditto	1	NO		
<u>Painting</u>					
C	Gloss oil paint to surface of steel door internally	8	SM		
D	Ditto externally	8	SM		
E	Rubber Door stoppers plugged to floor with 38mm rag bolt	3	NO		
<u>Carried to Summary</u>					

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
ELEMENT 05: FINISHES					
	<u>Floor</u>				
A	20mm Thick coloured Cement sand screed finished to approval	156	SM		
	<u>Walling</u>				
	<u>Internally</u>				
B	12mm thick Gauged plaster comprising 9mm thck c/s mortar (1:4); 3mm thick cement lime (1:1) steel trowelled to approval	201	SM		
C	Prepare and apply undercoat and three coats gloss oil paint on plastered surface.	201	SM		
	<u>Externally</u>				
D	Chisel and form key to horizontal & vertical joint	130	SM		
E	Render beams and gable surface	80	SM		
F	Prepare and apply three coats emulsion paints and rendered surface.	20	SM		
	<u>Ceiling</u>				
G	12mm thick chipboard ceiling nailed to approved battens	178	SM		
H	50x50m sawn cypress timber battens to receive ditto	590	LM		
I	Prepare and apply three coats emulsion paint on ceiling soffites.	156	SM		
	<u>Carried to Summary</u>				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
<u>ELEMENT 06: ROOFING & RAINWATER GOODS</u>					
<u>Roof sheets</u>					
A	30 gauge prepainted GCI sheets including nails and rubber washers	215	SM		
<u>Ridge Cap</u>					
B	30 gauge ridge cap	18	LM		
<u>Fascia Board</u>					
C	Fascia/Barge boards 200x25 mm thick sawn cypress and planed to approval	60	LM		
<u>Paint</u>					
D	Paint to ditto	14	SM		
<u>Downpipes</u>					
E	GI Downpipes 100mm diameter including brackets and shoe to approval	6	LM		
<u>Paint</u>					
F	paint to ditto	9	SM		
<u>Gutters</u>					
G	26 gauged water gutters plugged on rafters	36	LM		
<u>Timber Members</u>					
<u>All structural timber to be second grade sawn and planed celcured cypress to approval.</u>					
H	Ties and struts 100x50mm	167	LM		
I	Kingposts 150x50mm	30	LM		
J	Tie beams 150x50mm	108	LM		
K	Rafters 150x50mm	149	LM		
L	Purlins 75x50mm	120	LM		
M	100x50mm Wall plate	34	LM		
<u>Carried to Summary</u>					

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
ELEMENT 05:OFFICE PARTITIONS					
A	100mm thick brickwall as before described to but to 1200mm above floor finish	12	SM		
B	12mm thick Gauged plaster comprising 9mm thck c/s mortar (1:4); 3mm thick cement lime (1:1) steel trowelled to approval both faces of ditto	24	SM		
C	Prepare and apply undercoat and three coats gloss oil paint on ditto.	24	SM		
D	50x25mm thick aluminium panels preprimed and grooved 12.5mm thick to receive glazing and rubber strip to architect's approval	20	LM		
E	4mm thick clear sheet glazing fixed to ditto	12	SM		
<u>Notice boards</u>					
F	25mm thick chipboard to walling complete with architraves and approved adhesives and made good	15	SM		
G	50mm diameter x 3mm thick x RHS tubes	27	LM		
<u>Carried to Summary</u>					

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>CLASSROOM BUILDING WORK SUMMARY</u>				
A	Substructure				
B	Walling Superstructure				
C	Windows				
D	Doors				
E	Finishes				
F	Roofing and Rainwater goods				
G	Office Partitioning				
	GRAND TOTAL				

TWO DOOR PIT LATRINE

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>ELEMENT 01</u>				
	<u>SUBSTRUCTURES</u>				
	<u>Site clearance</u>				
A	Clear site to remove shrubs, small trees and other vegetation and grub roots and C.A debris	6	SM		
	<u>Excavations for Pit</u>				
	All excavations deemed provisional and any other materials of rock nature encountered will have to be quantified and approved by the PM.				
B	Excavations to reduce levels 150mm deep	6	SM		
C	Excavations for Pits 0 to 1.5m & deposit as directed	9	CM		
D	Ditto exceeding 1.5 m but n.e 3.0m	9	CM		
E	Ditto exceeding 3.0m but n.e 4.5m	9	CM		
F	Ditto exceeding 4.5 m but n.e 6.0m	9	CM		
G	Ditto exceeding 6.0 m but n.e 7.5m	9	CM		
H	Ditto exceeding 7.5 m but n.e 9.0m	9	CM		
I	Ditto exceeding 9.0 m but n.e 10.5m	9	CM		
J	Ditto exceeding 10.5 m but n.e 12.0m	9	CM		
K	Excavations to receive concrete footing and walling 600mm wide	8	CM		
L	Excavations to reduced levels average depth 300mm	2	CM		
	<u>Backfilling</u>				
M	Return fill and ram in selected excavated material around foundation wall sides 200 mm	3	CM		
	<u>Hardcore Filling</u>				
N	250mm thick approved hardcore filling consolidated and rolled in layers not exceeding 150mm thick around foundation.	2	CM		
	Total for page 1 to Substructure Summary				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
A	Murram Blinding 50mm thick murram blinding to surfaces of hard-core with approved fine inert material.	8	SM		
B	Anti termite treatment "Termidor" or equal Insecticide treatment to surface of blinding with 10 year guarantee	8	SM		
C	Lean concrete (1:4:8) in:- 50mm thick blinding under strip foundations.	1	CM		
D	Concrete Class 20/20 (1:2:4) in ; vibrated and made good to:- 100 mm thick floor slab.	8	SM		
E	200x600mm wide strip foundation concrete footing	2	CM		
F	Steel Fabric Reinforcement weighing 2.22 KG/SM ref A98 with minimum 300 mm end and side laps.(measured nett)	8	SM		
G	Sawn Formwork to; Edge of slab 150 mm wide.	13	LM		
H	To soffits of slab	6	SM		
I	Foundation Walling 200mm stone walling bedded and jointed in cement sand mortar (1:3) and made good				
J	DPM 1000 gauge damp proof membrane laid with minimum 300 mm side and end laps	8	SM		
K	DPC 200 mm wide,hessian based three ply bituminous based damp proof course on walls	14	LM		
	Total for Page 02 to collection				
	Total for page 1 to collection				
	Brought down from above				
	Carried to Summary				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>ELEMENT 02</u>				
	<u>WALLING SUPERSTRUCTURE</u>				
	<u>Brick walling</u>				
A	Brick walling fair faced bedded and jointed in mortar and recessed and pointed on one side in cement sand mortar (1:3) to approval.				
B	200mm thick wall reinforced with hoop iron gauge 16 at every alternate course	24	SM		
	<u>Ring beam</u>				
	<u>Concrete work</u>				
C	Vibrated concrete class 20/20 to beams	1	CM		
	<u>Reinforcements a.b.d</u>				
	High tensile square twisted reinforcement bars including tying wires and spacer blocks				
D	10mm Diameter	34	KG		
E	8mm Diameter	30	KG		
	<u>Formwork</u>				
F	Sides of beams 300 mm wide.	6	SM		
	<u>Superstructure Walling to Summary</u>				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
ELEMENT 03					
<u>WINDOWS</u>					
<u>Supply and fix standard heavy duty steel casement windows with fasteners and stays complete without grills in standard z section framing to receive glazing m.s</u>					
A	Window size 600x600mm high	2	NO		
B	Prepare and apply three coats Gloss oil paint to metal surfaces and window cills externally	2	SM		
<u>Glazing</u>					
C	4mm thick obscured sheet glazing to panes 0.1-0.5 sm with putty	2	SM		
<u>Window cills</u>					
D	300mm wide,600mm long 50mm thick insitu cast window cills to approval with 5mm diameter throat at the soffit edge of ditto fixed with mortar 1:3 to approval and painted m.s	1	LM		
<u>Paint to ditto</u>					
E	3 coats gloss oil paint to ditto	1	SM		
<u>Carried to Summary</u>					

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	ELEMENT 04				
	<u>DOORS</u>				
A	Semi Solid core flush door;45 mm thick,lipped 900x2100mm high	2	NO		
B	100x50mm door frame plugged with 4 labours	6	LM		
C	50x25mm Architrave	6	LM		
	<u>Ironmongery</u>				
D	100mm steel butt hinges to approval	3	Prs		
E	2 -lever mortice lock complete with furniture as "UNION" or equivalent	2	NO		
	<u>Painting</u>				
F	3 coats Gloss oil paint to surface of timber door internally	3	SM		
G	Ditto externally	3	SM		
H	Ditto surface not exceeding 100mm for timber door frames	6	LM		
	<u>Rubber Door Stops</u>				
I	Rubber Door stoppers plugged to floor with 38mm diameter 59mm deep catalogue no 8400 including 32mm deep iron lug plugged to floor	2	NO		
	<u>Carried to Summary</u>				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>ELEMENT 05</u>				
	<u>FINISHES</u>				
	<u>Floor</u>				
A	12mm Thick coloured cement sand screed mix 1:3 finished to approval	6	SM		
	<u>Walling</u>				
	<u>Internally and external gables faces</u>				
B	12mm thick Gauged plaster.	28	SM		
C	Prepare and apply undercoat and three coats gloss oil paint on plastered surface.	28	SM		
	<u>Externally</u>				
D	Chisel and form key to horizontal & vertical joint	2	SM		
	<u>Raking Cutting</u>				
E	Raking Cutting to gable walling and made good	5	LM		
	<u>Plinths</u>				
F	Render and set 12 mm thick cement and sand mortar mix 1:3 and made good	4	SM		
G	Prepare and apply three coats gloss emulsion paint to ditto.	4	SM		
	<u>Stack pipe</u>				
H	100mm diameter UPVC stack pipe a fixed to floor slab and protruding through the roof structure	7	LM		
	<u>Carried to Summary</u>				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
A	<p><u>ELEMENT 06</u> <u>ROOFING & RAINWATER GOODS</u> <u>Roof sheets</u> 30 gauge prepainted GCI sheets including nails and rubber washers</p> <p><u>Timber Members</u> <u>All structural timber to be second grade sawn and planed celcured cypress to approval.Consider that members are taken uniform hence summaried as one owing to the magnitude of the project</u></p>	12	SM		
B	100x50mm rafters,purlins and wall plates	36	LM		
	<u>Carried to Summary</u>				

ITEM	DESCRIPTION	AMOUNT
<u>BUILDING WORK SUMMARY FOR PIT LATRINE</u>		
A	Substructure	
B	Walling Superstructure	
C	Windows	
D	Doors	
E	Finishes	
F	Roofing and Rainwater goods	
TOTALS FOR PIT LATRINE		

ITEM	DESCRIPTION	AMOUNT
<u>PROVISIONAL AND PRIME COST SUMS</u>		
A	Provide P.C sum for Electrical works	50,000.00
B	Provision for Lightning arrestors	30,000.00
SUMMARY FOR PRIME COST SUMS		80,000.00

ITEM	DESCRIPTION	AMOUNT
GRAND SUMMARY		
A	Building Summary from EMC-09	
B	Pit Latrine Building Summary from EMC-17	
C	Provisional and P C Sums from EMC-18	80,000.00
D	SUB TOTALS	
E	Contigencies	
F	Project Management	
GRAND TOTAL		
GRAND TOTAL CARRIED TO FORM OF TENDER		

*** Note that prices quoted are inclusive of all taxes**

CONTRACT PERIOD.....WEEKS

CONTRACTOR'S NAME.....

ADDRESS.....

SIGN.....

DATE.....

STAMP.....