

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>MICROWAVE HOUSE</u>				
	<u>ELEMENT NO. 1</u>				
	<u>SUBSTRUCTURE</u>				
	<u>Excavations</u>				
A	Clear site off all bushes, grub the roots and remove form site	528	SM		
B	Excavate to reduce surface level depth n.e 200mm	528	SM		
C	Excavate foundation trench starting from reduced level not exceeding 1.50 meters deep.	76	CM		
D	Ditto for column bases starting from reduced level not exceeding 1.50 meters deep.	3	CM		
	<u>Filling and carting away</u>				
E	Return fill and ram approved imported material around foundations	79	CM		
F	Load and cart away surplus excavated soil	528	CM		
G	300 mm Approved hardcore to make up levels,well compacted and rolled in 150 mm thick layers	360	SM		
H	50 mm thick quarry dust / murrum blinding on surfaces of hardcore	360	SM		
I	Approved antitermite treatment as "Termidor " or other equal	360	SM		
J	500g polyethene damp proof membrane laid with 300 mm side and end laps	360	SM		
	<u>Insitu concrete mix (1:4:8): in</u>				
K	50 mm thick blinding to strip footing	46	SM		
L	Ditto to column bases	34	SM		
	<u>Insitu reinforced concrete: grade 25 : vibrated in:-</u>				
M	Strip footing	11	CM		
N	Column bases	2	CM		
O	Columns	5	CM		
	Carried to collection				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
A	Floor bed 150 mm thick	360	SM		
B	<u>Sawn formwork to:</u> Sides of strip footing	152	SM		
C	Ditto column bases	30	SM		
D	Ditto columns	18	SM		
E	Edges of floor bed 75 - 150mm high	76	LM		
	<u>High Tensile Steel reinforcement as described including cutting to length, bending and fixing including all necessary tying wires and spacing blocks (all provisional)</u>				
F	Assorted deformed bars	1,840	KG		
	<u>Steel fabric mesh reinforcement to B.S. 4483</u>				
G	B.R.C Mesh reinforcement type A142 weighing 2.22kg / sm laid with 300mm side and end laps	360	SM		
	<u>Natural stone walling in cement and sand (1:3) mortar and including reinforcing with 20 x 3mm thick hoop iron in every alternate course.</u>				
H	200 mm thick wall	114	SM		
I	200 mm wide hessian based bituminous felt damp proof course <u>Plinths</u>	76	LM		
J	12mm thick cement and sand (1:3) render to plinths	46	SM		
K	Prepare and apply three coats bituminous paint to rendered plinths	46	SM		
	<u>Planking , strutting And Dewatering</u>				
L	Allow for keeping the whole excavation free from all water including spring and running water	1	ITEM		
M	Allow for planking and strutting the whole excavation	1	ITEM		
	Carried to collection				
	<u>COLLECTION</u>				
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	PAGE 1/2				
	TOTAL FOR SUBSTRUCTURE CARRIED TO SUMMARY				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>ELEMENT NO 2</u>				
	<u>SUPERSTRUCTURE CONCRETE WORK</u>				
	<u>Vibrated reinforced concrete class 20/(20mm)</u> <u>aggregates as described in:-</u>				
A.	Ring beam	14	CM		
B	Columns	7	CM		
	<u>Reinforcement</u>				
	<u>High Tensile Steel reinforcement as described</u> <u>including cutting to length, bending and fixing</u> <u>including all necessary tying wires and spacing blocks</u> <u>(all provisional)</u>				
C	Assorted reinforcement	2,068	KG		
	<u>Sawn formwork to:</u>				
D	Sides of ring beams	61	SM		
E	Sides of columns	16	SM		
	TOTAL FOR SUPERSTRUCTURE CONCRETE WORK				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<p><u>ELEMENT NO.3</u></p> <p><u>WALLING</u></p> <p><u>Natural stone blocks shall be of uniform square cross section sizes while mortar joints shall strictly be 12mm thick. Uneven stone block sizes shall not be acceptable</u></p>				
A	200mm thick wall	304	SM		
	<u>Vent Blocks</u>				
B	Precast concrete vent blocks	46	SM		
	TOTAL FOR WALLING CARRIED TO SUMMARY				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>ELEMENT NO. 4</u>				
	<u>ROOF CONSTRUCTION</u>				
	<u>Sawn Celcured Cypress</u>				
A	100 x 50 mm wall plate including bolting into concrete with hold down bolts	76	LM		
B	150 x 50 mm ridge board	76	LM		
	<u>The following in 6 no trusses 1200mm cc, including fabrication and hoisting in position approximately 4650 mm above ground level (T1)</u>				
C	100 x 50 mm common rafters	338	LM		
D	75 x 50 mm struts and ties	308	LM		
E	100 x 50 mm ceiling joist	214	LM		
F	100 x 50 mm intermediate rafters	314	LM		
H	100 x 50 mm king post	139	LM		
I	75 x 50 mm purlins	322	LM		
	<u>Wrot Cypress</u>				
J	225 x 25 mm fascia/barge board	76	LM		
	<u>Roof Cover</u>				
K	Prepainted roofing sheet gauge 28, 1260 x 368 mm net coverage 75 x 50mm pressure impregnated cypress second grade purlins at 600 mm centres	540	SM		
L	Close fitting ridge cap	76	LM		
	<u>Rainwater Goods</u>				
M	150 x 150 galvanised steel gutter	76	LM		
N	100 mm diameter down pipe	30	LM		
O	Extra; swanneck	4	NO		
P	Ditto downpipe outlets	4	NO		
Q	Ditto horseshoe bend	4	NO		
	<u>Painting</u>				
R	Steel gutters and pipes	76	LM		
S	Fascia/Barge board	76	LM		
	TOTAL FOR ROOFING CARRIED TO SUMMARY				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>ELEMENT NO.5</u> <u>STEEL DOOR</u> 3000 x 2400mm high mild steel double pannel door comprising of 6 No. Size 400 x 800mm high and 3No. Size 300 x 450mm high 10mm thick glass panels including 1000 x 200mm and 1000 x 300mm high double plates complete with 100 x 50 x 3mm RHS framing and metal lugs including purpose made hanging and locking accessories once primed with red oxide primer before delivery to the site including three lever mortice lock as per 'Union' Ref 2277 or other equal and approved manufacturer	1	NO		
A					
B	Ditto overal size 1000 x 2100mm high	1	NO		
	<u>Painting</u>				
	<u>Prepare and apply one undercoat and two finishing coats of gloss oil paint to:</u>				
C	To metal surfaces	14	SM		
TOTAL FOR DOORS CARRIED TO SUMMARY					

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>ELEMENT NO. 6</u>				
	<u>FINISHES</u>				
	<u>Walls</u>				
A	Extra over walling for smooth chisel dressing with flush pointed vertical joints and recessed horizontal joints	304	SM		
	<u>12mm thick gauged lime (1:2:9) plaster to :</u>				
B	Beam	30	SM		
C	Columns	16	SM		
	<u>Prepare and apply 12mm Thick wall master to plasterd walls</u>				
D	Plastered surfaces of beam	30	SM		
E	Plastered surfaces of columns	16	SM		
	<u>Internal Wall Finishes</u>				
	<u>Cement/sand (1:3) in:</u>				
F	12mm thick plaster to walls trowelled smooth internally	304	SM		
G	Ditto to reveals	72	SM		
	<u>Prepare and apply one undercoat and two finishing coats of "Crown" or other equal and approved plastic emulsion paint on</u>				
H	Wall vertical ;internal	304	SM		
I	Ditto to reveals	72	SM		
	<u>FLOOR FINISHES</u>				
	<u>Cement and sand (1:3) in</u>				
J	25 mm thick screed finished smooth with red oxide	120	SM		
TOTAL FOR FINISHES CARRIED TO SUMMARY					

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>SECTION SUMMARY</u>				
A	SUBSTRUCTURE				
B	REINFORCED CONCRETE SUPERSTRUCTURE				
C	WALLING				
D	ROOF CONSTRUCTION				
E	STEEL DOOR				
F	FINISHES				
	TOTALS FOR MICROWAVE HOUSE CARRIED TO SUMMARY PAGE				