

**MATERIAL QUANTITY / COST ESTIMATE FOR THE EXTENSION OF BUILDING
ONE NEMATICIDE BUILDING**

S/N	DESCRIPTION	UNIT	Q'TY
A	PRELIMINARY		
1	Mobilization an Demobilization	Ls	1
B	EARTH WORKS		
1	Excavate 45 x 60cm foundation trench	m3	7
2	Back fill with large grain sterile	m3	5
C	BLOCK / CONCRTEING WORKS 350kg/m3		
1	Lay mass concrete (1:2:4mix) strip foundation	m3	2.5
2	Cast reinforced concrete (1:2:4mix) foundation beam using 4No \varnothing 10mm steel rods with \varnothing 6 stirrup at 20cm c/c; inclusive of all form works and accessories (See detail drawing attached)	m3	1
3	Cast reinforced concrete (1:2:4mix) pillars and tie beams using 4No \varnothing 8mm steel rods with \varnothing 6mm stirrup at 20cm c/c;inclusive of all form works and accessories (See detail drawing attached)	m3	1.2
4	Lay mass concrete (1:2:4mix) floor 10cm thick	m3	3.2
5	Lay 15cm corefilled blocks below dpc level	m2	11
6	Lay 15cm hollow blocks 1m above dpc level and	m2	74
D	ROOF WORKS AND CARPENTRY		
1	2" x 4" x 4.00m hard seasoned timber for rafters (Small leaf)	No	16
2	2" x 6" x 4.00m hard seasoned timber for fascia board (Small leaf)	No	6
3	1" x 12" x 4.00m hard seasoned timber for fascia board (Small leaf)	No	7
4	2" x 2" x 4.0m hard seasoned timber for nogging	No	25
5	4/10 smooth alu. Sheet for eave (2x1m)	No	6
6	Nail 70mm	Pkt	2
7	Zinc nail	Pkt	1
8	Solignum	Lt	5
9	Nail 90mm	Pkt	1
10	Power nail	Pkt	2
11	Vachette lock hand turn (Original)	No	2
12	6/10 corrugated alu. Roof sheets (7.0m)	No	7
13	6/10 corrugated alu. Roof sheets (2.0m)	No	10
14	10cm putty	m	5
15	Carpenter's glue	Tin	1
16	Wood sand paper	m	1
	Material cost		
17	Provision for labour and overhead 25% of roof works	Ls	1

E	STEEL / METAL WORKS		
1	IPE 140 for rafter L- 12.00m	No	3
2	50 x 50mm angle iron for door, vent framing and cleats	No	4
3	3.5mm electrode	Pkt	5
4	Cutting disc	No	1
5	Anti rust 5kg	Tin	2
6	Aluminium paint 5kg	Tin	2
7	White spirit	Lt	3
8	4" painting brush	No	2
9	Rolling brush	No	2
10	1mm x 2 x 1m steel plate for ceiling doors	No	20
11	40 x 40mm metal tube for doors	No	3
12	Oxygene gas	Btl	2
13	Acetylene gas	Btl	1
14	Grinding disc	No	1
15	3mm expanded metal	m2	2.5
16	Original vachette lock (Hand turn)	No	2
	Material cost		
17	Provision for labour and overhead 25% of matel works	Ls	1
F	ELECTRICITY		
1	4ft flourescent fitting (Philips) complpete	No	7
2	Switch, 2gang-1way (Legrand)	No	1
3	Cable; 2 x 1.5mm 2 U1000 R02V	m	100
	Material cost		
4	Provision for labour and overhead 25% of elec- tricity	Ls	1
G	PAINTING		
1	30kg Pantex 800 for 1st and 2nd coats on walls and eaves	Drum	1
2	Red brown (NATIONAL) oil paint for double coat 1.0m high on external walls and fascia board	Tin	2
3	White spirit	Lt	2
4	Rolling brush	No	1
	Material cost		
5	Provision for labour and overhead 25% of cladding	Ls	1
H	FINISHINGS		
1	Plaster both internal and external block walls 2.5mm thick using cement/sand mortar	m2	148
2	Paint both internal / external block walls double coated with emulsion paint (NATIONAL)	m2	148
3	Paint external walls 1m heigh with double coats ox-blood oil paint as skirting	m2	23
4	Tile external room floor and 1.8m heigh on walls with ceramic; inclusive of all other accessories	m2	60

SUMMARY

S/N	DESCRIPTION
A	PRELIMINARY
B	EARTH WORKS
C	BLOCK / CONCRTEING WORKS 350kg/m3
D	ROOF WORKS AND CARPENTRY
E	STEEL/METAL WORKS
F	ELECTRICITY
G	PAINTING
H	FINISHINGS
TOTAL	

Prepared by: _____

Checked by: _____