

**BILL OF QUANTITY FOR THE REHABILITATION OF THE
EXISTING SPACE AT THE RENEWABLE ENERGY CENTER
AND INSTALLATION OF COOKSTOVE TESTING LAB
EQUIPMENT.**

No	Items	Unit	Quantity	Unit Cost	Amount (SSL)
1	<u>Excavation</u> Excavate foundation Trench Not more than 1m deep after site				
A	Clearing	Item			
B	Trench foundation	CM	57.05		
	Excavation Total			Grand Total	
2	Concrete Works Concrete (1:2:4-19mm aggregate)				
A	Trenches	CM	57,05		
B	Coolum's	CM	36.1		
C	Beams	CM	57.05		
D	Lintels	CM	28		
E	Concrete slab	CM	75		
	Concrete Works Total			Grand Total	
3	<u>BLOCK WORK</u> Precast Sand Crete solid block bedded and jointedin cement Mortar (1:6) mix Walls in foundation				
A	Superstructure	SM	65		
B	Plaster both sides of the wall (1:6) mix	SM	190		
C		SM	295		
	BLOCK WORK TOTAL			Grand Total	
4	<u>ROOFING</u> Hard wood treated with approved coloured preservative				
	2"x 6"x14" Rafters	LM	107		
	2"x 4"x14" Purlins	LM	90		
	1"x10" x14 Fascia	LM	50		
	Roof covers	SM	90		
	<u>ROOF TOTAL</u>			Grand Total	
5	<u>CEILING</u> Flexible sheets fixed butt jointed and fixed to wood both				

A	Internally and Externally	LM	84		
B	Sown hard wood treated with preservative 50mmx 75mm	LM	112		
C	50MM X 50MM	LM	265		
D	12MM X50MM COVER STRIPS	LM	366		
	<u>CEILING TOTAL</u>			Grand Total	
5	<u>METAL WINDOWS</u>				
A	Toilet window	NO	2		
B	Single window	NO	3		
C	Double window	NO	3		
D	Glasses	NO	100		
E	Glazing Putty	Kg/Gal	14		
F	Handles	Pair	9		
G	Fenders	Pair	10		
	<u>METAL WINDOWS TOTAL</u>				
7	<u>DOORS</u>				
A	Metal DOORS 3'X6'-6"	No	2		
B	Panel doors with frames 2'-6"x6'-6"	No	4		
C	Mortice door locks	No	4		
D	Butt hinges	Pair	4		
E	Wooden screws	Box	1		
	<u>DOORS TOTAL</u>				
8	<u>TILING</u>				
	Fix glazed ceramic tiles butt jointed to regular pattern				
A	Ceramic tiles 12"x12"	Box	45		
B	Ordinary Cement	Bag	35		
C	White Cement	Bag	1		
	<u>TILING TOTAL</u>				
9	<u>PLUMBING</u>				
A	Water closet complete	No	2		
B	Wash Hand Basin	No	2		
C	¾" Pipes	Length	8		
D	¾" High Pressure roll pipe	Roll	2		
E	¾ Pipes Accessories	Item	-		
F	Water Tank	No	1		
G	Taps	No	3		
H	ASSORTED ITEMS				
	<u>PLUMBING TOTAL</u>				
10	<u>PAINTING</u>				
A	Emulsion Paint	Drums	30		
B	Oil Based Paint	Drums	10		
C	Assorted Brushes				
D	External walls	SM	420		
E	Polyurethane Polish on doors	SM	93.01		

F	Thinner	SM	20.6		
G	Brushes (Small)	Gall	4		
H	Roller Brushes	No	7		
I	Scrappers	No	7		
	PAINTING TOTAL				
11	MISCELLEANOUS ITEMS	Doz	7		
A	Bush Sticks	Doz	7		
B	Assorted wire nails	Pkt	150		
C	Roof nails	Box	10		
D	Roof felt	Box	2		
E	Steel nails	Box	20		
F	Form work 1"x12x14"	pc	30		
G	Wood preservative	Gall	10		
H	Glass	No	50		
I	Paint Brush				
	MISCELLEANOUS ITEMS TOTAL				
12	DRAINAGE AND APRON				
	Construct drainages and apron to protect the building				
13	TANK TOWER				
	(1:2:4-19MM) Aggregate concrete mixture				
A	Foundation	CM	0.5		
B	Columns and suspended slab	CM	3		
C	½' Mild steel	CM	18		
D	¼ " Mild steel rods	LengR	12		
E	Binding wire	oll	1		
F	Timbers 1"x12x14"	Pos	20		
G	Bush sticks	Doz	4		
H	Wire Nails	Pkts	40		
	TANK TOWER TOTAL				
14	SEPTIC TANK				
	Precast sand Crete solid blocks bedded and jointed in cement mortar (1:6)				
A	Walls	SM	38		
B	Plaster	SM	37		
C	Concrete Slab	CM	4.5		
D	½" M.S Rods	Length	10		
	SEPTIC TANK TOTAL				

15	ELECRICAL INSTALLATION				
A	Demolition for installation of conduit pipes				
B	Filling and plastering of demolished areas				
C	Double face consumer unit	Roll			
D	1.5mm cable	Roll	8		
E	One gang switch	Roll	8		
F	Conduit Pipe	No	5		
G	2.5mm Cable	Roll	8		
H	Two gang switch	Roll	2		
I	13 Amps Double socket	No	20		
J	13 Amps Single socket	No	2		
K	Philips Bulb	No	20		
L	Ceiling Rose	No	20		
M	Lamp Holders	No	15		
N	M.K Box	No	85		
	ELECTRICAL INSTALLATION TOTAL				

SUMMARY

No	Item			
1	Excavation			
2	Concrete work			
3	Block work			
4	Roofing			
5	Ceiling			
6	Metal Windows			
7	Doors			
8	Tiling			
9	Plumbing			
10	Painting			
11	Miscellaneous Items			
12	Drainage and Apron			
13	Tank Tower			
14	Septic Tank			
15	Electrical			
16	Transport			
	TOTAL AMOUNT			
	GRAND TOTAL			