

BOQ Learning room					
ITEM	ITEM	STAGE	DESCRIPTION	UNIT OF MEASURE	QTY
1.00	LEARNING ROOM				
1.01		Site clearing			
			Clearing		
			Labor		
2.00		Foundation			
2.01			Setting Materials		
2.02			(a) Nails 3 inch	Kg	3
2.03			(b) Nails 4 inch	Kg	2
2.04			(c) Timber 2x2	LM	10
2.05			(d) Ropes	Pcs	5
2.06					
			Stone Foundation - 900mm high		
			Moram, Hardcore & Site sterilization		
2.07			Moram-(4.5m3 lorry)	Trips	6
2.08			Aggregates 1/2"-(4.5m3 lorry)	Trips	3
2.09			Sand	Trips	4
2.10			Aldrin solution or equal and approved	Litres	5
2.11			Stones (4.5m3 lory)	Trips	6
2.12					
			Oversite Concrete (100mm thick - 15 grade) & Ground Beam & footings - 20 grade		
2.13			DPM	M2	100
2.14			Cement -50kgs	Bags	67
2.15			Reinforcement - 12mm diameter high tensile	PC'S	30
2.16			Reinforcement - 8mm diameter	PC'S	20
2.17			Timber 1" X 8" (5.2m long)	PC'S	20
2.18			Timber 2" X 2"	LM	30
2.19			Nails-4"	Kgs	3
2.20			Nails-3"	Kgs	2
2.21			Supporting props	PC'S	5
			SUB-TOTAL SUB STRUCTURE AND PRELIMINARY WORKS		
			SUPERSTRUCTURE		
3.00			Walls & Ring beam & columns		
3.01			4" burnt clay bricks	No	8000
3.02			DPC (20m long)	Roll	1
3.03			Sand (4.5m3 lory)	Trip	1
3.04			Cement-50kgs	Bags	24
3.05			Aggregates (1/2")	Trip	1
3.06			Reinforcement - 12mm diameter high tensile	PC'S	15
3.07			Reinforcement - 8mm diameter	PC'S	8
3.08			Binding Wire - 1kg	Bundle	4
			SUB-TOTAL SUPER STRUCTURE		

ROOF STRUCTURE & COVERING				
4.00		Roof Structure - Provisional		
4.01		Timber 2" X 3" purlins	LM	150
4.02		Timber 2" X 4" King Post, wall plate and struss	LM	100
4.03		Timber 2" X 4" Rafter and Tie beam	LM	250
4.04		Nails -5"	Kgs	10
4.05		Nails -4"	Kgs	5
4.06		Nails -3"	Kgs	5
		Roof Covering		
4.07		28G IT resincoated sheet	M2	60
4.08		Hips/Ridge - 28 G	PC'S	20
4.09		Roofing Nails	Box	5
		Ceiling materials for Children room		
4.10		gypsum powder	bags	8
4.11		Gypsum boards	pcs	15
4.12		Conices	pcs	50
4.13		Fibre tape	Pcs	5
4.14		Gypsum screw	boxes	5
4.15		Ficial Board	pcs	8
4.16		Emersion paint white	buckets	2.00
		SUB-TOTAL ROOF STRUCTURE & COVERING		
		DOORS		
5.00		45mm thick Pannelled door shutter		
5.01		900 x 2500mm high	PC'S	2
		Frames (hardwood),Varnish, Glass & Burglar bar		
5.02		4mm thick clear glass to Vents	M2	3
0.01		Brush 3"	Pcs	2
5.03		Sand paper (msasa) No.80	LM	5
0.02		Clear Varnish - 4Litres	TIN	1
5.04		Thinner for Varnish -4Litres	Litres	1
		IronMongeries		
5.05		Mortice lock Three lever - ref: union	No	2
5.06		Brass hinges - 100mm	Pairs	3
		SUB-TOTAL FOR DOORS		
		WINDOWS		
		Supply and fix 4mm clear glass		
5.07		Z bar	PC'S	7
		SUB-TOTAL FOR WINDOWS		
6.00		FLOOR FINISHING (Floor screed 30mm thick)		
6.01		Cement	Bags	20
		SUB-TOTAL FLOOR FINISHING		
		PAINTING & DECORATION		
6.02		Solvent - 5LTRS	TIN	1
6.03		Brush 3"	Pcs	2
6.04		Gloss paint-4LTR black for windows	TIN	2
6.05		Bitumen paint - 4Litres	TIN	1

			SUB-TOTAL FOR PAINTING&DECORATION		
7.00			FURNITURE AND PLAYING INSTRUMENTS		
7.01			Ladder and Slide	Item	1
7.02			Seesaw	Item	1
7.03			Swings	Item	1
7.04			Matts/Carpet (Indoor)	Item	1
7.05			Assorted learning materials	Package	1
7.06			Care Worker Table and Chair	Item	2
			SUB-TOTAL		
			WATER SUPPLY		
8.00			Tank Installation and Connection		
8.01			Water tank	Pcs	1
8.02			Polly pipe	Roller	2
8.03			Saddle clamps 2" X 3/4"	Pcs	1
8.04			Gate Valve 3/4"	Pcs	3
8.05			Connector 3/4"	Pcs	4
8.06			Tank connector 3/4"	Pcs	2
8.07			IPS Pipe 3/4"	Pcs	2
8.08			IPS Union 3/4"	Pcs	2
8.09			IPS Elbow 3/4"	Pcs	4
8.10			GS Pipe 3/4"	Meter	1
8.11			GS Elbow 3/4	Pcs	2
8.12			R -Socket 3/4 X 1/2	Pcs	1
8.13			Bip Tap 1/2"	Pcs	1
8.14			Thread Seal tape	Pcs	10
			Water installation and plumbing system		
8.15			IPS pipe 1/2"	PCS	4
8.16			IPS Elbow 1/2"	PCS	10
8.17			IPS Tee 1/2"	PCS	4
8.18			IPS Nipple 1/2"	PCS	8
8.19			IPS - R-Socket 3/4" X 1/2"	PCS	2
8.20			Bip Tap 1/2"	PCS	2
8.21			Connector 3/4"	PCS	2
8.22			Tee coupline 3/4"	PCS	2
8.23			Flashing tank (pressable)	PCS	2
8.24			Flexible pipe	PCS	2
8.25			IPS socket 1/2"	PCS	8
8.26			Raiser construction	Item	1
			SUB-TOTAL		
9.00			GENERAL SUMMARY		
9.01			SUBSTRUCTURE AND PRELIMINARY WORKS		
9.02			SUPERSTRUCTURE		
9.03			ROOF STRUCTURE & COVERING		
9.04			DOOR		
9.05			WINDOWS		
9.06			FINISHING		
9.07			PAINTING & DECORATION		
9.08			FURNITURE AND PLAYING INSTRUMENTS		
9.09			WATER INSTALLATION		

			TOTAL MATERIALS COST		
			TZS		
			LABOUR COST		
			WATER COST		
			TRANSPORT COST		
			VAT		
			TOTAL COST		

BOQ - KITCHEN & STORE			
ITEM	DESCRIPTION	QTY	UNIT
	<u>MATERIALS</u>		
1.00	Setting out materials, Site clearance and material storage		
1.01	(a) Nails 3 inch	1	Kg
1.02	(b) Nails 4 inch	1	Kg
1.03	(c) Timber 2x2	5	LM
1.04	(d) Ropes	1	Pcs
	<u>Stone Foundation - 900mm high</u>		
1.05	Stones (4.5m ³ lorry)	2	Trips
1.06	Sand	2	Trips
1.07	Moram-(4.5m ³ lorry)	2	Trips
1.08	Aggregate	1	Trips
1.09	Aldrin solution or equal and approved	5	Litres
	<u>Oversite Concrete (100mm thick - 15 grade) & Ground Beam & footings</u>		
1.10	DPM	10	M ²
1.11	Cement -50kgs	17	Bags
1.12	Aggregates (1/2")	1	Trips
1.13	Sand	1	Trips
1.14	Reinforcement - 12mm diameter high tensile	5	PC'S
1.15	Reinforcement - 8mm diameter	3	PC'S
1.16	Nails-4"	2	Kgs
1.17	Nails-3"	1	Kgs
1.18	Supporting props	2	PC'S
	<u>SUB-TOTAL SUB STRUCTURE AND PRELIMINARY WORKS</u>		
	<u>SUPERSTRUCTURE</u>		
2.00	<u>Walls & Ring beam & columns</u>		
2.01	4" burnt clay bricks	1000	No
2.02	DPC (20m long)	1	Roll
2.03	Sand (4.5m ³ lorry)	2	Trip
2.04	Cement-50kgs	10	Bags
2.05	Aggregates (1/2")	1	Trip
2.06	Reinforcement - 12mm diameter high tensile	4	PC'S
2.07	Reinforcement - 8mm diameter	2	PC'S
2.08	Binding Wire - 1kg	2	Bundle
	<u>SUB-TOTAL SUPER STRUCTURE</u>		
	<u>ROOF STRUCTURE & COVERING</u>		
3.00	Roof Structure - Provisional		

3.01	Timber 2" X 3" purlins	30	LM
3.02	Timber 2" X 4" King Post, wall plate and struss	10	LM
3.03	Timber 2" X 4" Rafter and Tie beam	15	LM
3.04	Timber 1" X 8" sawn for facial board	3	PCs
3.05	Nails -5"	2	Kgs
3.06	Nails -4"	1	Kgs
3.07	Nails -3"	1	Kgs
	NOTE: The above softwood timber structure should be pressure		
	Roof Covering		
3.08	28G IT resincoated sheet	12	M2
3.09	Roofing Nails	3	Box
	SUB-TOTAL ROOF STRUCTURE & COVERING		
	DOOR		
4.00	45mm thick Pannelled door shutter		
4.01	900 x 2000mm high	2	PC'S
	Frames (hardwood),Varnish, Glass & Burglar bar		
4.02	900 x 2000mm high	2	PC'S
4.03	Brush 3"	1	Pcs
4.04	Sand paper (msasa) No.80	1	LM
4.05	Clear Varnish - 4Litres	1	TIN
4.06	Thinner for Varnish -4Litres	1	Litres
	IronMongeries		
4.07	Mortice lock Three lever - ref: union	2	No
4.08	Brass hinges - 100mm	3	Pairs
	SUB-TOTAL FOR DOORS		
	WINDOWS		
4.09	Z bar	2	PC'S
	SUB-TOTAL FOR WINDOWS		
	FLOOR FINISHING		
5.00	Floor screed 30mm thick		
5.01	cement	5	Bags
	PAINTING & DECORATION		
5.02	Solvent - 5LTRS	1	TIN
0.01	Brush 3"	1	Pcs
0.01	Gloss paint-4LTR black for windows	1	TIN
5.03	Bitumen paint - 4Litres	1	TIN
	SUB-TOTAL FOR PAINTING&DECORATION		
	OTHER COST		
6.00	FURNITURE AND COOKES INSTRUMENTS	1	ITEM
6.01	Solar panel and system Istallation watt 1000/complete	1	item
7.00	GENERAL SUMMARY		
	KITCHEN AND STORE		
7.01	SUBSTRUCTURE AND PRELIMINARY WORKS		
0.01	SUPERSTRUCTURE		

0.01	ROOF STRUCTURE & COVERING			
0.01	DOOR			
7.02	WINDOWS			
0.02	FINISHING			
0.02	PAINTING & DECORATION			
0.02	FURNITURE AND PLAYING INSTRUMENTS			
7.03	SOLAR			
	TOTAL MATERIALS COST	TZS		
	LABOUR COST			
	WATER COST			
	TRANSPORT COST			
	VAT			
	TOTAL COST			
	MALE & FEMALE TOILETS SINGLE LATRINE EACH GENDER			
	SUB-STRUCTURE AND PRELIMINARY WORKS			
	Setting out materials, Site clearance and material storage			
	(a) Nails 3 inch	Kg	1	
	(b) Nails 4 inch	Kg	1	
	(d) Ropes	Pcs	1	
	Stone Foundation - 900mm high			
	Stones (4.5m3 lorry)	Trips	1	
	Sand	Trips	1	
	Morum	Trips	1	
	<u>Moram, Hardcore & Site sterilization</u>			
	Moram-(4.5m3 lorry)	Trips	1	
	Hadcore-(4.5m3 lorry)	Trips	1	
	Sand	M3	1	
	Aldrin solution or equal and approved	Litres	5	
	<u>Oversite Concrete (100mm thick - 15 grade) & Ground Beam & footings - 20 grade</u>			
	DPM	M2	5	
	Cement -50kgs	Bags	12	
	Aggregates (1/2")	Trips	1	
	Sand	Trips	1	
	Reinforcement - 12mm diameter high tensile	PC'S	3	
	Reinforcement - 8mm diameter	PC'S	3	
	Timber 1" X 8 " (5.2m long)	PC'S	1	
	Timber 2" X 2"	LM	10	
	Nails-4"	Kgs	2	
	Nails-3"	Kgs	1	
	Supporting props	PC'S	2	
	SUB-TOTAL SUB STRUCTURE AND PRELIMINARY WORKS			
	SUPERSTRUCTURE			

			<u>Walls & Ring beam & columns</u>		
			4" burnt clay bricks	No	1200
			DPC (20m long)	Roll	1
			Sand (4.5m3 lory)	Trip	1
			Cement-50kgs	Bags	10
			Aggregates (1/2")	Trip	1
			Reinforcement - 12mm diameter high tensile	PC'S	3
			Reinforcement - 8mm diameter	PC'S	1
			Binding Wire - 1kg	Bundle	1
			SUB-TOTAL SUPER STRUCTURE		
			ROOF STRUCTURE & COVERING		
			Roof Structure - Provisional		
			Timber 2" X 3" purlins	LM	15
			Timber 2" X 4" King Post, wall plate and struss	LM	10
			Timber 2" X 4" Rafter and Tie beam	LM	10
			Timber 1" X 8" sawn for facial board	PCs	2
			Nails -5"	Kgs	2
			Nails -4"	Kgs	1
			Nails -3"	Kgs	1
			Roof Covering		
			28G IT resincoated sheet	M2	8
			Roofing Nails	Box	2
			SUB-TOTAL ROOF STRUCTURE & COVERING		
			DOOR		
			<u>45mm thick Pannelled door shutter</u>		
			800 x 2000mm high	PC'S	2
			<u>Frames (hardwood),Varnish, Glass & Burglar bar</u>		
			800 x 2000mm high	PC'S	2
			Brush 3"	Pcs	1
			Sand paper (msasa) No.80	LM	1
			Clear Varnish - 4Litres	TIN	1
			Thinner for Varnish -4Litres	Litres	1
			<u>IronMongeries</u>		
			Mortice lock Three lever - ref: union	No	2
			Brass hinges - 100mm	Pairs	3
			SUB-TOTAL FOR DOORS		
			FLOOR FINISHING		
			Floor screed 30mm thick		
			cement	Bags	2
			PAINTING & DECORATION		
			Solvent - 5LTRS	TIN	1
			Brush 3"	Pcs	1
			Gloss paint-4LTR light blue for facial bord	TIN	1

		Bitumen paint - 4Litres	TIN	1
		SUB-TOTAL FOR PAINTING&DECORATION		
		SOAKAWAY PIT OF 2M BREADS AND 4M DEEP		
		Stones	Trips	3
		Cement	Bags	15
		Sand lory 4.5m3	Trips	1
		Aggregates 1/2" lory 4.5m3	Trips	1
		12mm Steel bars	Pcs	10
		Binding wire	Kg	2
		1" X 6" soft timber to bottom	LM	10
		1" X 8" soft timber to sides	LM	10
		Supporting props	Pcs	5
		SUB- TOTAL FOR PIT		
		PLUMBING AND SEWAGE SYSTEM		
		Toilet sinks (squatting asian type)	Pcs	2
		P-trap 4"	Pcs	2
		PVC elbow 4"	Pcs	2
		PVC elbow 4" with cleaning eye	Pcs	2
		PVC pipe class B 4"	Pcs	5
		Tangit	Tin	1
		Manhole cover 450mm	Pcs	3
		SUB - TOTAL PLUMBING AND SEWAGE SYSTEM		
		TOTAL MATERIALS COST	TZS	
		LABOUR COST		
		WATER COST		
		TRANSPORT COST		
		VAT		
		TOTAL COST		