

BoQ FOR CONSTRUCTION OF REHABILITATION OF EXISTING STORE AND PACKING YARD AT CARITAS TORIT FIELD OFFICE SOUTH SUDAN

ELEMENT	ITEM DESCRIPTION	UNIT	QUANTITY	UNIT COST IN USD	TOTAL AMOUNT IN USD
1 EXCAVATION AND EARTHWORKS					
Site Clearance:					
1.1	Remove vegetation, tree stumps and take away from the site atleast 15000mm from the construction site	m2	145.32		
1.2	Remove 150mm top soil and cart off site.	m2	145.3		
1.3	Setout the store section for brick walling as per the existing structure details	item	1.0		
1.4	Excavate foundation trench of 900mm deep as detailed in drawing only the store section of the structure and 400x400x500mm deep pole holes for reinforcement of the poles at parking yard section. Ditto: but actual foundation depth to be determined at the site.	m3	14.2		
1.5	Levelling and treaming of foundation trench to relatively to levelled and smooth surface ready to receive concrete footing	m3	13.4		
	Allow for anti termite treatment of the entire construction area including the surrounding area	1Ltr tin	2.0		
SUB-TOTAL 01					
2 SUB STRUCTURE					
2.1	150 mm thick concrete footing to store section only	m3	3.7		
2.2	200 mm thick reinforced concrete columns to all corners at 900mm height				
2.2a	1:3:6 concrete	m3	0.1		
2.2b	Y12 Reinforcement bars	LM	18.0		
2.2c	Y6 Stirap/links at 10/10 CC	LM	128.0		
2.2d	Binding wire	Kg	2.0		
2.3	230mm thick plinth wall embedded in 10mm thick cement sand mortar of 1:4 with hoop iron reinforcement at every after 03 courses of brick layer to perimeter and partition wall at 900mm just above the ground level				
2.3a	Well burnt 230x115x57.5mm clay bricks	m2	22.3		
2.3b	1:4 Cement sand mortar	m3	2.2		
2.3c	Provide 12mm thick plaster to plinth wall	m2	22.3		
2.3d	Hoop iron	LM	74.4		
2.3e	Provide and apply in 02 coats of black bitumen to plinth wall	m2	44.5		
2.4	Backfill in with approved soil material/murrum compacted to MDD including placement of hardcore at 25/25 CC well blinded ready for DPC materials and BRC Reinforcement				
2.4a	Approved red murrum	m3	5.1		
2.4d	DPC Polythene	m2	145.3		
2.4e	A90 BRC for concrete reinforcement	m2	145.3		
2.5	150mm thick vibrated reinforced concrete floor slab inclusive of pole planting concrete access ramp construction (1:2:4) Ditto: concrete to be well cured for atleast 14days	m3	7.7		
	Prepare and cast insitu concrete reinforced with A90 BRC a 32 degree angle of 3000mm slope Ram access for cars to easily enter and reverse the paking yard	m3	0.5		
SUB-TOTAL 02					
3 FORMWORK					
3.1	12x1" Sown timber to edges of floor slab, column box, and ring beam box	LM	65.8		

3.2	75x50mm sown timber for props	LM	32.9		
	Ditto to Wall columns and foundation columns				
SUB-TOTAL 03					
4 SUPERSTRUCTURE					
4.1	230mm thick well burnt clay brick wall embeded in 10mm thick 1:4 cement sand mortar with hoop iron reinforcement at every after 03 courses of brick layer				
4.1a	230mm thick clay bricks at 2200mm high to beam level and 600mm high over beam	m2	76.9		
4.1b	10mm thick 1:4 cement sand mortat bed	m3	7.7		
4.1c	Hoop iron	LM	148.8		
4.2	200x200mm reinforced wall column of Y12 reinforcement bars tied with 200mm sq links at 10/10 CC				
4.2a	1:2:4 Concrete for casting column	m3	2.0		
4.2b	Y12 Reinforcement bars	LM	49.6		
4.2c	Y6 Stirraps	LM	120.0		
4.2d	Binding wire	Kg	5.0		
SUB-TOTAL 4					
5 ROOF REPAIR					
5.1	Rafters, hard wood timber size 100X50mm	LM	12.0		
5.2	Ties beam 150x50mm	LM	6.0		
5.3	Ditto but to ties& struts	LM	14.6		
5.4	50x225 mm fascia board	LM	51.4		
5.5	Galvanized corrugated iron sheet including connection to roof structure.	m2	16.8		
5.6	Roofing Nails	Kg	3.0		
5.7	Assorted Nails for the work (should be steel & tube made)	Kg	15		
5.8	Provide and apply wood preservative to all timbers	20Ltr J'cane	1		
5.9	Prepare and apply 03 coats of emulsion paint (white colour) to fascia board	4Ltr tin	2		
SUB-TOTAL 05					
8 WALL AND FLOOR FINISHING					
8.1	Apply 12mm thick 1:4 cement sand plaster to external wall surface	m2	76.88		
8.2	Apply 12mm thick 1:4 cement sand rendering to internal wall surface including ceiling board	m2	153.76		
	Ditto: wall plaster and rendering to be well cured with sufficient water				
PAINTING					
8.3	Prepare wall surfaces and apply 02 coats of undercoat paint	m2	230.64		
8.4	Prepare and apply 03 coats of vinyl silk paint to internal wall surfaces including ceiling board (paint colour as directed by the engineer/client)	m2	153.76		
8.5	Prepare and apply 03 coats of weather guard paint to external wall surfaces (paint colour as directed by the engineer/client)	m2	76.88		
FLOOR FINISHING					
8.7	Prepare floor surfaces and apply red oxide in cement sand screed with an imaginary slope to ease cleaning	m2	145.32		
SUB-TOTAL 8					
9 DOOR AND WINDOW					
9.1	Steel casement door with pvo (width = 900mm, height = 3100mm).	No	2		
9.2	Steel casement window with pvo (width = 1500m, height = 100m).	No	2		

	SUB-TOTAL 9				
	SUMMARY				
1	Total=Excavation and Earth work				
2	Total=Sub Structure				
3	Total=Form work				
4	Total=Super Structure				
5	Total=Roofing				
6	Total=Wall and floor finishes				
7	Total=Doors and Windows				
	GRAND TOTAL				