BoQ FOR CONSTRUCTION OF NEW OFFICE BLOCK AT CARITAS TORIT FIELD OFFICE SOUTH SUDAN

ELEMENT	ITEM DESCRIPTION	UNIT	QUANTITY	UNIT COST IN USD	TOTAL AMOUNT IN USD
A	EXCAVATION AND EARTHWORKS				
	Site Clearance:				
A1	Remove vegetation, tree stumps and take away from the site atleast 15000mm from the construction site	M²	94.894		
A2	Remove 150mm top soil and cart off site.	M²	94.9		
A3	Setout structure as per the design details unless otherwise changes come direct from client and approved by the Engineer	item	1.0		
A4	Excavate foundation trench of 11.1200mmx7.6900mm perimeter including trench for partition walls of 900mm deep as detailed in drawing. Ditto: but actual foundation depth to be determined at the site.	M³	26.0		
A5	Levelling and treaming of foundation trench to relatively to levelled and smooth surface ready to receive concrete footing	M³	26.1		
A6	Allow for anti termite treatment of the entire construction area including the surrounding area	1Ltr Tin	1.0		
	SUB-TOTAL EXCAVATION AND EARTH WORK				
B	SUB STRUCTURE				
B1	150 mm thick grond beam 10.9200mmx8.6900mm perimeter inclusive partitions	M³	7.2		
B2	200 mm thick reinforced concrete columns to all corners at 900mm height and verrandah columns				
B3	1:3:6 concrete	M³	1.6		
B4	Y12 Reinforcement bars	LM	28.0		
B5	Y6 Stirap/links at 10/10 CC	LM	38.0		
B6	Binding wire	Kg	1.5		
B7					
B8	230mm thick plinth wall embeded in 10mm thick cement sand mortar of 1:4 with hoop iron reinforcement at every after 03 coarses of building stone layer to perimeter and partition wall at 900mm just above the ground level				
B9					
B10	Building stone of relatively 230x115x57.5mm to perimeter and partition wall	M²	43.4		
B11	1:4 Cement sand mortar	M³	4.3		
B12	Provide 12mm thick plaster to perimeter plinth wall	M²	43.4		
B13	Hoop iron	LM	128.0		
B14	Provide and apply in 02 coats of black bitumen to plinth wall	M²	43.4		
B15					
B16	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				
B17					
B18	Approved red murrumm	M³	14.2		
B19	Hard core material	M³	12.2		
B20	Blinding material (pit sand)	M³	1.2		
B21	DPM Polythene placed with atleast 300mm overlap at the sides.	M²	94.9		
B22	A90 BRC for concrete reinforcement	M²	94.9		
B23					
B24	150mm thick vibrated reinforced concrete floor slab (1:2:4) Ditto: concrete to be well cured for atleast 14days	M³	17.5		
	SUB-TOTAL SUBSTRUCTURE				
C	FORMWORK				
C1	12x1" Sown timber to edges of floor slab, column box, and ring beam box	LM	65.5		

C2	75x50mm sown timber for props	LM	35.4		
	Ditto to Wall columns and foundation columns				
	SUB-TOTAL FORM WORK				
D	SUPERSTRUCTURE				
D1	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				
D2	230mm thick clay bricks at 2200mm high to beam level and 600mm high over beam	M²	144.7		
D3	10mm thick 1:4 cement sand mortat bed	M³	14.5		
D4	Hoop iron	LM	428.0		
D5					
D6	200x200mm reinforced wall column and ring beam including verrandah columns of Y12 reinforcement bars tied with 200mm sq links at 10/10 CC				
D7	1:2:4 Concrete for casting column	M³	11.6		
D8	Y12 Reinforcement bars	LM	128.2		
D9	Y6 Stiraps	LM	194.6		
D10	Binding wire	Kg	8.0		
	SUB-TOTAL SUPER STRUCTURE				
E	ROOFING				
E1	Wall plate, hardwood timber size 100x50mm	LM	54.8		
E2	Rafters, hard wood timber size 100X50mm	LM	76.8		
E3	Ties beam 150x50mm	LM	51.9		
E4	Ditto but to ties& struts	LM	50.4		
E5	Purlins, soft wood timber, size 75x50mm	LM	146.7		
E6	50x225 mm fascia board	LM	45.2		
E7	Galvanized corrugated iron sheet including connection to roof structure.	M²	250.9		
E8	Ridge cape	LM	12.0		
E9	Roofing Nails	Kg	20.0		
E10	Assorted Nails for the work (should be steel & tube made)	Kg	75		
E11	Rubber washers	Pkt	2		
E12	Provide and apply wood preservative to all timbers	20Ltr J'cane	1		
E13	Prepare and apply 03 coats of emulsion paint (white colour) to fascia board	2Lt tin	2		
	SUB-TOTAL ROOFING				
F	WALL AND FLOOR FINISHING				
F1	Apply 12mm thick 1:4 cement sand plaster to external wall surface	M²	117.66		
F2	Apply 12mm thick 1:4 cement sand rendering to internal wall surface including ceiling board	M²	144.66		
	Ditto: wall plaster and rendering to be well cured with sufficient water				
	PAINTING				
F3	Prepare wall surfaces and apply 02 coats of undercoat paint	M²	262.32		
F4	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	144.66		
F5	Prepare and apply 03 coats of weather guard paint to external wall surfaces (paint colour as directed by the engineer/client)	M²	117.66		
F6	Apply 03 coats of skirting to both internal and external (paint colour as directed by engineer/client)	M²	94.4		
	FLOOR FINISHING				
F6	Prepare floor surfaces and apply red oxide or any other approved floor finishing material in cement sand screed with an imaginary slope to ease cleaning	M²	85.51		

	SUB-TOTAL WALLING AND FLOOR FINISHING				
G	**APRON CONSTRUCTION**				
G1	Setout and excavate 360mmx400mm deep apron foundation	m^3	19.288		
G2	230mm thick apron wall embeded in 10mm thick cement-sand mortar with 02 coarses just above the ground level				
G3					
G4	230mm thick well burnt clay bricks	M^2	48.22		
G5	10mm thick cement-sand mortar	M^3	4.822		
G6	Backfill with murrum and compact to MDD ready for casting	M^3	3.12		
G7	100mm thick apron slab in 1:3:6 concrete mix	M^3	3.36		
G8	Provide 12mm thick plastering to apron	M^2	48.22		
G9	Prepare and apply cement sand screeding to apron	M^2	48.22		
	SUB-TOTAL APRON				
	CEILING BORAD				
	6x2" for ceiling joist frame	LM	60.85		
	4x2" Timbers for ceiling joists	LM	120.65		
	Ceiling board wire mesh	M^2	94.62		
	1:3:6 concrete	M^3	3.2		
	SUB-TOTAL APRON				
H	**DOOR AND WINDOW**				
H1	Hard wood casement door complete with all machine works and vanishing (width = 900mm, height = 2200mm).	No	3		
H2	Steel casement window with pvo (width = 1500m, height = 100m).	No	4		
H3	Steel casement window with pvo (width = 1200m, height = 100m).	No	3		
H4	Hard wood casemaent door complete with all machine works and vanishing (width = 1200mm, height = 2200mm).	No	1		
	SUB-TOTAL DOORS AND WINDOWS				
	SUMMARY				
1	**Total=Excavation and Earth work**				
2	**Total=Sub Structure**				
3	**Total=Form work**				
4	**Total=Super Structure**				
5	**Total=Roofing**				
7	**Total=Wall and floor finishes**				
8	**Total=Apron**				
9	**Total=Doors and Windows**				
10	**Total=Ceiling Board**				
	GRAND TOTAL				