

BILL OF QUANTITIES

Construction of two stances Latrine & One Bathroom at Community Learning Center in Yambio Municipality, Western Equatoria State.

ITEM	DESCRIPTION	UNIT	QTY	RATE (USD)	AMOUNT (USD)
	ELEMENT NO 1				
1	SUBSTRUCTURE				
	EXCAVATIONS				
1.10	Excavation for pit 1.5m wide, 5.2m long and 5m deep. Cost includes site clearance and setting	cm	39		-
Total carried to Summary, Element 1					-
1.11	Element 2				
A	Reinforced concrete works 1:2:4/20mm aggregate works as described in concrete slab	cm	0.882		-
	Supply and fix steel bar/rod reinforcement including bending hooks tying wire cutting spacer blocks and supporting all in position.				
	High tensile square twisted bars to BS4441 as described in drawing for slabs and pit lining ring beams				
B	High tensile square twisted bars to BS4441 as described in drawing for slabs and pit lining ring beams	kg	82.53		-
C	6mm dia. Round bars	kg	6.06		-
D	Binding wire	kg	4.9		-
E	2x2 wire mesh 23 x 2m; Sawn formworks described	pc	3.5		-
F	6 pillars rised from underground to the top to support the casting from collasping	pc	6		-
G	Sides and soffits of ring beam/lentos and genial form	M2	4.159		-
Total carried to Summary, Element 2					-
	Element 3				
1.12	Super structure				
A	Damp proof Course	sm	4.9		-
B	40400x200x200 cement, sand blocks bedded and jointed in cement and sand mortar 1:5 as described in:				
C	Cement sand bounded vent bricks	pcs	14		-



D	200 brick/block wall both external and internal walls including pit lining and curtain walls	cm	68.11		-
Total carried to Summary, Element 3					-
ELEMENT 4					
1.13	Roof Structure				
	All timber to be sawn cypress. Other type could only be used where cypress is unavailable; should be of seasonal to an equilibrium moisture content of between 9 -15% treated with wood preservative				
A	75 x100mm wall plate on and including 10mm midst bedded in cement mortar anchored in ring beam	Lm	11		-
	The following in 3no. Trusses clear 0.2m average height including hoisting and placing 2400m above floor slab level				
B	100x50mm rafters	Lm	7.35		-
C	75 x50mm purlins	Lm	18.9		-
D	Assorted wire nails	kgs	10.5		-
1.14	Roof Covering				
A	28 gauge galvanized corrugated iron sheet laid with two corrugations side lap and 150mm vertical secured with GRN complete with washers	sm	13		-
Total carried to Summary, Element 4					-
ELEMENT 5: FINISHES					
1.15	Internal and External Plaster/Render				
A	Apply 15mm thick plaster to internal walls and render external walls with cement sand mix 1:5 steel trowel smooth	sm	95.76		-
1.16	Floor Screed Cement and sand 1:3 screed as described				
D	25mm thick steel trowel smooth in all rooms	sm	18.52		-
E	25mm thick steel trowel smooth in all aprons	sm	8.78		-
Total carried to Summary, Element 5					-
ELEMENT 6					
1.176	DOORS				



	Frames and Finishes are described				
	Provide steel doors complete with fixes as specified				
A	Door overall size: 800mm x 2000mm but 1000mm for PWDs	Nos	3		-
	Element 7				
1.18	PAINTING				
A	Paint both internal and external walls in emulsion paint	sm	80		-
B	Paint internal and external sides of doors in high gloss paint	sm	14		-
C	100mm dia. Vent Pipes complete with caps	No	1		-
Total carried to Summary, Element 6 & 7					-

	SUMMARY	AMOUNT (USD)
	ITEM DESCRIPTION	
	Element 1: Earth Work	-
	Element 2: Reinforced Concrete Works	-
	Element 3: Walling	-
	Element 4: Roofing	-
	Element 5: Finishes	-
	Element 6 & 7: Doors & Decorations	-
	Grand Total	-

