

BILL OF QUANTITIES

Construction of three stances Latrine for Staff, Female and Male students, Yei County-Central 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.				
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	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				



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	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	2		-
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					-

