

UNICEF - SSD , CHRISTIAN MISSIONARIES INITIATIVE-SSD

CONSTRUCTION OF TEMPORARY LEARNING SPACES - EMPROVED STRUCTURE



COST ESTIMATES FOR CONSTRUCTION OF IMPROVED TEMPORARY LEARNING SPACE (TLS), (ONE BLOCK OF 2 CLASS ROOMS) - IMPLEMENTATION THROUGH COMMUNITY

Note: all quantities refer to the realized works, direct and indirect csts associated to construction and inclusive. It is the responsibility of the IP / contractor to work on the breakdown of the materials, labor, transportation, internal mornitoring, etc. To have a detailed final price, based on the design and specifications.

S/N	Description	Unit	Qty	Rate (USD)	Amount (USD)
1,11	Mobilization of personnel, equipment & materials to execute the work.	LS	1		
1,12	Clear site of all grass, shrubs, debris, undergrowth including small trees not exceeding 600mm girth and cart away from site	m ²	10		
1,13	Excavation of 400x400x900mm hole ready to receive Metallic steel poles of size 100mm x 100mm x 3mm.	m ³	4,32		
1,14	Cast Hollow Steel Section poles footings with concrete of mix ratio 1:2:4/20 concrete	m ³	4,23		
1,15	Supply and fix 100mm x 100mm x 3mm HSS steel poles, casted with 1:2:4 concrete as specified in drawing and apply anti-termite	m	20		
1,16	Import and backfill 200mm thick marrum of approved quality,well compact and levelled where (in areas without murram compact natural soild mixed with sand and spread on top sand before it receives concrete slab and screed)	m ²	41,1		
1,17	Cast 75mm floor slab with reinforced concrete slab of mix ratio 1:2:4/20 concrete	m ³	14,85		
1,18	Substructural walls - Walls covered with 230mm thick walls in bricks in cement sand (1:4) mortar 400mm high from foundation floor level.	m ²	31,2		
1,19	The from face and the rear face of the walls covered with, bamboos, Iron sheets or Timber walling using 1x12 inch Timbers screwed onto the steel poles, Their prices difers according to the locations (options: of iron sheet, or clay burnt bricks mosonary in location without bamboos or timbers be considered case by case).	m	122		
1,20	Iron sheet for side elevation upper level	m ²	22,5		



2,00	ROOFING WORKS				
2,10	Roof cover in G-28 Corrugated Iron Sheet(0.25mm hard product) screwed on 40x40mm HSS roof purlins, 60x40 rafters, 40x40 ties and struts and 60x40x 1.5mm thick tie beam, price includes ridge cover,screw nails, and other accessories (roof cover measured in actual projection & roof structured measured separately). Note all metallic structure used should be coated with anti rust proof.	Pc	90		
2,11	Roof Covering: 28 Gauge Corrugated coloured iron sheets	m ²	162,3		
2,12	Ridge capping.	m	16,9		
2,13	60 x 40 x 2mm Hollow Steel Section Wall plate	m	65		
2,14	60 x 40 x 2mm Hollow Steel Section Rafters	m	109,4		
2,15	40 x 40 x 2mm Hollow Steel Section Purlins	m	262		
2,16	60 x 40 x 2mm Hollow Steel Section Tie beams	m	89		
2,17	40 X 40 x 2mm Hollow Steel Section Struts/ties	m	94		
2,18	Facia board steel plate 200mm x 2mm	m	55		
3	FITTINGS AND FLOOR FINISHES				
3,11	Provide and make a doors 900x2100mm with iron sheets device	Nos.	2		
3,12	Blackboard: 4200mm x 1200mm x 16mm thick plywood	Nos.	2		
4	COST OF CONSTRUCTION MATERIALS				
4,1	Ridges	Pcs	10		
4,2	Matelic facial board 200 mm	Pcs	10		
4,3	Hallow Pipes 100 x 100 mm x3mm	Pcs	33		
4,4	Hallow Pipes 60 x 100 mm x2mm	Pcs	24		
4,5	Hallow Pipes 40 x40 mm x1.5 mm	Pcs	90		
4,6	Ironsheets (Cover max) 30 guage original	Pcs	90		
4,7	River sand 18 mts	trips	1		
4,8	Maram 18 Mts	trips	1		
4,1	Aggregates 18 mts	trips	1		



4,11	Screws	Pkt	30		
4,12	Welding rodes	Pkt	10		
4,13	Plywood 6 mm	Pcs	56		
4,14	Wire mesh	Pcs	8		
4,15	Red bricks	Pcs	750		
4,16	Cements	Pcs	50		
4,17	DPC	Rolls	3		
4,18	Local benches	Pcs	150		
4,19	Sign post	Pcs	4		
4,2	Digging and construction of pit latrine	Pcs	6		
4,21	Hand washing	Pcs	6		
TOTAL COST FOR ONE TLS BLOCK OF 2 CLASSROOMS					

