

<b>Annex A2 - Bill of Quantities</b>					
<b>CONSTRUCTION OF SEMI-PERMANENT LEARNING SPACES</b>					
<b>COST ESTIMATES FOR CONSTRUCTION OF SEMI-PERMANENT LEARNING SPACE, (ONE BLOCK OF 2 CLASS ROOMS)</b>					
<b>Note: all quantities refer to the realized works, direct and indirect costs associated to construction. It is the responsibility of the contractor to work on the breakdown of the materials, labor, transportation etc. To have a detailed final price, based on the design and specifications.</b>					
<b>S/No</b>	<b>Description</b>	<b>Unit</b>	<b>Qty</b>	<b>Rate (USD)</b>	<b>Amount (USD)</b>
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 <sup>2</sup>	220		
1.13	Excavation of 400x400x900mm hole ready to receive Metallic steel poles of size 100mm x 100mm x 3mm.	m <sup>3</sup>	4.32		
1.14	Cast Hollow Steel Section poles footings with concrete of mix ratio 1:2:4/20 concrete	m <sup>3</sup>	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	156		
1.16	Import and backfill 200mm thick marram of approved quality,well compact and levelled where (in areas without marram compact natural soild mixed with sand and spread on top sand before it receives concrete slab and screed)	m <sup>2</sup>	41.1		
1.17	Cast 75mm floor slab with reinforced concrete slab of mix ratio 1:2:4/20 concrete	m <sup>3</sup>	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 <sup>2</sup>	31.2		
1.19	The front face and the rear face of the walls covered with clay burnt bricks masonry	m	122		
1.20	Iron sheet for side elevation upper level	m <sup>2</sup>	22.5		
<b>2.00</b>	<b>ROOFING WORKS</b>				

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.				
<b>2.11</b>	<b>Roof Covering:</b> 28 Gauge Corrugated coloured iron sheets	m <sup>2</sup>	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	<b>FITTINGS AND FLOOR FINISHES</b>				
3.11	Provide and make a doors (900x2100mm) and windows with steel	Nos.	2		
3.12	Blackboard: 4200mm x 1200mm x 16mm thick plywood	Nos.	2		
<b>TOTAL COST FOR ONE TLS BLOCK OF 2 CLASSROOMS</b>					