

BILL OF QUANTITY FOR FABRICATION OF REFUGEE SHELTER

NO.	DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	AMOUNT
	1 - Excavation & Earthwork				
1.1	Excavate over site to remove top soil to an avareage depth of 5cm and level surface.	m ²	20	9.50	190.00
1.2	Excavate pits for footing pads to a depth of 30cm.	m ³	0.2	50.00	10.00
	Sub-total				200.00
	1 - Structural Steel Work				
1.1	Provide, cut, bend, weld and put in position a rectangular hollow section (RHS) of 25mm x25mmx1.25mmfor shelter fabrication. materials for Unit price includes all the necessary accessories/assembling and erection.	m	80	45.00	3,600.00
1.2	Ditto but for wind bracing.	m	27	45.00	1,215.00
1.3	Provide, cut, bend, drill and put in position flat metal of 15mm wide and 1.25mm thick for strengthening shelter frame.	m	40	15.00	600.00
1.4	Provide and fix blots and nuts of 10mm diameter and 80mm long to tightly secure two RHS frames. Unit price includes drilling and other necessary accessories/materials.	Pcs	60	12.00	720.00
1.5	Provide and fix screws of 4mm diameter and 40mm long to tightly secure RHS frame and flat metal. Unit price includes drilling and other necessary accessories/materials.	Pcs	100	5.00	500.00
1.6	Provide iron pieces of at least 15cm long and weld on the RHS legs of the shelter frame for anchoring and strengthening.	Pc	10	18.00	180.00
	Sub-total				6,815.00
	2 - Roofing and Wall Covering				
2.1	Supply and fix plastic sheeting for wall and roof covering. The plastic sheet shall be prepared in a size according to the design provided and must have provisions to tightly secure it to the shelter frame.	m ²	40	25.00	1,000.00
	Sub-total				1,000.00
	3 - Concrete Work				
3.1	Mass concrete pads of 200mm x 200mm x 400mm in C-15 with 150kg cement per cubic meter of concrete. (Optional can be made in-situ).	m ³	0.2	3,500.00	700.00
	Sub-total				700.00
TOTAL					8,715.00