

Annex 2
CONSTRUCTION OF THREE COMMUNAL SHELTERS IN BABIKRI
BILL OF QUANTITIES

The specified works include supply of materials, labor, providing water and electricity and all other requirements to implement the job perfectly. The bidder must visit the site

No.	Description	Unit	Qty	Unit cost	Total cost
1	MOBILIZATION				
1. 1	Mobilization of labor, tools and machinery required for implementaton	LS	1		
2	SITE CLEARANCE				
2. 1	Site clearance and improvement after work completion and before handover	LS	1		
3	EXCAVATION				
3. 1	Excavate to the required depth the foundation 40x100cm	M ³	40		
4	MASONRY AND CONCRETE WORK FOR THE FOUNDATION				
4.1	Supply materials and build quarry stones masonry foundation with C/S mortar (1:8) width of wall 40cm, height 170cm (70cm above the ground) . Quantities not including foundation for columns, which will be in concrete	M ³	60.11		
4. 2	Supply materials and cast foundation concrete blocks 40x40x170cm, concrete (1:3:6), rates includes all related works	M ³	7.89		
5	BACKFILLING				
5. 1	Supply materials and fill sub base layer of 70cm selected materials mixed with harcore under floor slab, rate includes leveling, watering and compaction by layers of 20cm max each.	M ³	103.83		
6	STEEL WORK/ WALLS				
6.1	Metallic columns I section profile 140x70x6mm. Rates include all related works (welding, antirust, etc.)	M	118.90		
6.2	Cross bracing on sides as per the drawing, using 50x50x3mm angle section metallic elements. Rates include all related works (welding, antirust, etc.)	M	114.80		
6.3	Internal horizontal bracing using 50*100*3mm hollow section metallic elements. Rates include all related works (welding, antirust, etc.)	M	40		
6.4	Side horizontal reinforcements using 40*60*1.5mm hollow section metallic elements. Three lines allowing fixture of CGI sheets and iron mesh on walls. Rates include all related works (welding, antirust, etc.)	M	174		
7	WALLS				

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No.	Description	Unit	Qty	Unit cost	Total cost
7.1	CGI sheets 3.5 mm thick applied on the outer part of walls (upper side and lower side) as per the drawings. Rates includes all related works	M ²	114.2		
7.2	Iron mesh 3mm diameter, with 25x25mm maximum square openings	M ²	78.4		
7.3	Plastic sheeting fixed on the outer part of the iron mesh wall as movable curtains. Rate include a hanging system and as well as other related works including all required reinforcements (plastic sheeting to be procured)	M ²	75.6		
8	DOORS				
8.1	New 300x250cm double doors with metallic frame (100x50, 60x40 and 40x40 metallic tubes) and CGI sheet 3.5mm thick as outter panel. The door has a grilled 40cm high i The rates including all related works such as antirust paint	Pcs	2		
9	CONCRETE FLOOR, STAIRS AND PLASTER				
9.1	Supply materials and cast 10cm thick concrete (1:2:4) for ground slab. Include expansion joints allowing divisions of 2.5x3.3m (four parts in the width side, six parts in the length side), joints should be made using a 8mm plywood, depth not less than 25mm. Rates include all related works.	M ³	20		
9.2	Supply materials and apply a 2cm layer of cement mortar 1:4 mix ratio, to make the concrete floor surface even but slightly rough. Rates include all related works.	M ³	4		
9.3	Concrete stairs, laid on a stone masonry bed. Rates include plaster and finishing works	M ²	57.2		
9.4	Supply materials and plaster elevated foundation walls C/S mortar (1:6).	M ²	29.4		
TOTAL COST SDG FOR ONE COMMUNAL SHELTER					
TOTAL COST FOR THREE UNITS					