

PHC Structure of German Red Cross, Bangladesh - Construction Site: Teknaf
Roughly estimated BoQ

SL	Description of items	Quantity	Unit	Unit Price	Amount	Total Amount
1 Eps Sandwich Panel						
1.1	Roof Panel Density: 15kg/m ³ , Thickness: 50mm	1.223	Sft			
1.2	Wall Panel Density: 15kg/m ³ , Thickness: 50mm	2.322	Sft			
1.3	Wall Panel: Thickness: 30mm (for visitor toilets)	29	Sft			
1.4	Roofing Sheets: 0.45mm, (main entrance)	60	Sft			
2 Steel Super- and Sub-Structure						
2.1	MS C1 Column beams (70/6mm x100/6mm x70/6mm)	226	Rft			
2.2	MS R1 Rafter beams (70/6mm x100/6mm x70/6mm)	213	Rft			
2.3	MS P1 Battens (75mm x 50mm x 2mm)	870	Rft			
2.4	MS BC1 Base columns, 200/6, 200/8	137	Rft			
2.5	MS MB1 Base main beams, 200/6, 200/8	246	Rft			
2.6	MS TB1 Floor beams, U-50,100,50/4mm	1.012	Rft			
2.7	Steel Floor (complete building incl. annexes)	2.265	Sft			
2.8	RA1 Ramp, steel construction, complete with hand rails (size overall, b/h/w: 4,446 x 1,980 x 2,965mm)	1	Pcs			
2.9	S1 Staircase, steel construction, complete with hand rails 8 steps 2,009 x 330mm, 1 platform 2,009 x 990mm (size overall, b/h/w: 2,151 x 2,554 x 3,255mm)	1	Pcs			
2.10	S2 Staircase, steel construction, complete with hand rails 8 steps 1,360 x 330mm, 1 platform 1,360 x 990mm (size overall, b/h/w: 1,492 x 2,554 x 3,255mm)	1	Pcs			
3 Accessories required for sandwich panel installation						
3.1	U Channel, L Cap, Screw, Royal Plug, Louver, Gable Trim Ridge Cap, Down Pipe, Gutter, Roofing Screw, Silicon, Rivet etc	3.634	Sft			
3.2	Door, double, complete w. door jamb, hinges, fittings (main entrance; min. 1,750 x 2,150mm)	1	Pcs			
3.3	Doors, complete w. door jamb, hinges, fittings (inside & emergency exits; 1,000 x 2,150mm)	18	Pcs			
3.4	Doors, complete w. door jamb, hinges, fittings (toilet cabins; 650 x 1,750mm; Thickness: 30mm)	3	Pcs			
3.5	Wall Panel (for visitor toilets; Thickness: 30mm)	56	Sft			
3.6	Windows, aluminum frame, mosquito mesh (ca. 900 x 1,200mm)	18	Pcs			
3.7	Windows, aluminum frame, mosquito mesh (ca. 400 x 600mm)	6	Pcs			
3.8	Light dome (for roof, ca. 1,000 x 1,000mm)	3	Pcs			
3.9	Fitting Charge (total of all wall & roof panels)	3.634	Sft			
3.10	Soak Pit, Incenerator etc	1	Pcs			
3.11	Total Civil works foundations, casting, pits etc.	1	Pcs			
Total Amount Part-A						
4 Miscellaneous, other accessories, sanitation & electricity						
4.1	Septic tank, PE, 1,000 litres (eg. Aqua or equivalent), incl. delivery, earth-works, installation and all necessary fittings	3	Pcs			
4.2	Water tank, U.V Stabilized, food grade, 5,000 litres, incl. delivery, installation and all necessary fittings	2	Pcs			
4.3	Water tank, U.V Stabilized, food grade, 2,000 litres, incl. delivery, installation and all necessary fittings	1	Pcs			
4.4	Overhead Tank Tower, steel construction, hight: 6m, including ladder and maintenance platform (designed to carry 2,000 litres water tank)	1	Pcs			
4.5	Lavatory, hand washing basin (600mm), incl. mixer and wall mirror and all necessary fittings (400 x 600mm)	11	Pcs			
4.6	Toilet bowl inclusive toilet water tank & bided shower and all necessary fittings	3	Pcs			
4.7	Shower head (wall mount) & mixer including all necessary fittings	3	Pcs			
4.8	Squatting slabs (to be fit in steel floor) incl. toilet water tank & bided shower and all necessary fittings	3	Pcs			
4.9	Total Plumbing Works including pipes, fittings etc.	1	Pcs			
4.10	Net Fencing	1	Pcs			
4.11	Rubber Mat for Floor	2.265	Sft			
4.12	Fire Extinguisher	3	Pcs			
4.13	Transportation	1	Pcs			
4.14	Mobilizaion	1	Pcs			
4.15	Design and Land Survey Charge	1	Pcs			
4.16	Total Electric Works at the structure incl. connection to the public power grid etc.	1	Pcs			
4.17	MS Gate (at main entrance / ramp)	1	Pcs			
4.18	Room Signage with PVC Sheet	13	Pcs			
Total Amount Part-B						
Grand Total Amount						