

ANNEX B: TECHNICAL SPECIFICATION

UNHCR - SUB OFFICE PESHAWAR

CIVIL WORKS AT UNHCR WAREHOUSE & VRC

BILL OF QUANTITIES

S.No	Description	Unit	Quantity
1	Excavation in foundation of building. bridges etc complete : In ordinary soil	Cft	137
2	Structural backfill using common material available at site	Cft	67
3	Plain Cement Concrete incl. Placing, compacting, finishing & curing (Ratio 1:4:8)	Cft	17
4	RCC in foundation, base slab of column & ret. wall etc, (4' dia steel reinforcement, 40 grade)	Sft	26
5	RCC Lintel Beam, insitu or precast. (1:2:4), (4' dia steel reinforcement, 40 grade)	Sft	31
6	RCC in Columns,insitu or precast. (1:2:4), (4' dia steel reinforcement, 40 grade)	Sft	45
7	RCC in Slab, insitu or precast. (1:2:4), (4' dia steel reinforcement, 40 grade)	Sft	20
8	Use of Formwork	Sft	98
9	Laying of Precast Concrete Slab, Class A1	Sft	64
10	Providing and fixing of aluminum sliding windows with tempered glass, including all fixings and aspects	Sft	48
11	Providing and installation of louver fan, complete with all aspects	Nos.	1
12	Cement plaster 1:4 upto 20' height: 3/4" thick	Sft	125
13	1st class brick work in ground floor Cement, sand mortar 1:5	Cft	29
14	Steel Stairs with Railings supported by angle iron SWG-18 - (8' length x 3' width)	Job	1
15	Paint works, White Washing new surface - 2 coats	Sft	260
16	Waterproofing treatment	Job	1
TOTAL AMOUNT (PKR.) for 1 Watch Tower			
TOTAL AMOUNT (PKR.) for 3 Watch Towers (A)			
Miscellaneous Works			
17	Providing and fixing of aluminum sliding windows with tempered glass, including all fixings and aspects, for existing 8 concrete towers (VRC & Warehouse)	Sft	384

18	Providing and installation of louver fan, complete with all aspects, for existing 8 concrete towers (VRC & Warehouse)	Nos.	8
19	Supply and fixing razor wire (2'-0" dia) consisting of 1-1/2"X1-1/2"X3/16" angle iron Y post 2'-6" long 6' to 8' center to center fixed with bolt anchorage, at top of boundary wall including painting posts etc.Complete in all respects (Rubhall)	Rft	450
20	Providing, making and fixing of steel grill of MS pipe (1"x1") ornamental design i/c cost of painting complete. (Rubhall)	Sft	200
21	Supply, installation, testing and commissioning of Removable Bollard against the emergency exit gate, 4' dia Stainless Steel pipe, height 36" Manual operation by key/Padlock, SS crews, extruded aluminum poles with all fixings and base included, (Warehouse)	Job	1
22	Construction of Cabin (5'x5'x8') Using steel frame 1.5"x1.5" steel pipes and 10 mm PVC sheet on both sides including tank, electrification, door lock & 1/4" (6 mm approx) with floor concrete is good finished..	Job	1
TOTAL AMOUNT (PKR.) Miscellaneous works (B)			
GRAND TOTAL AMOUNT (PKR.) (A + B)			

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