

BILL OF QUANTITIES FOR MS GATE INSTALLATION AT GIRLS' HOSTEL

B.O.Q Item	Description	Unit	Quantity	Rate	Amount
Schedule Based Items (Based on CSR 2024)					
1	Dismantling of Block Masonry				
	dismantling cement block masonry Item no. 14 page no. 19 chap # 2 Note: This item includes shifting of debris outside IBA premises	cft	50.00	50.70	2,535.00
2	Excavation of Foundation				
	(b) Excavation in hard rock requiring blasting but blasting prohibited and disposal of excavated material within 50 ft. . Lead (including dressing and levelling to designed section etc, complete. (a) Grade I Item no. 7(b) (a) page no. 16 chap # 1	cft	241.00	45.16	10,883.56
3	Steel Reinforcement				
	Fabrication of deformed steel reinforcement for cement concrete including cutting,bending, laying in position, making joints and fastenings including cost of binding wire (also includes removeal of rust from bars.) a) Deformed bar i) Grade-60 Item no. 8a (i) page no. 26 chap # 4	Cwt	4.19	18,934.02	79,268.61
4	CC Ramp (8'-0"x2'-0"x0'-6" high)				
	Cement concrete plain including placing compacting, finishing and curing, comlete (including screening and washing at stone aggregate without shuttering. (f) Ratio. 1:2 :4 Item no. 5 (f) page no. 25 chap # 4	cft	16	443.54	7,096.64

BILL OF QUANTITIES FOR MS GATE INSTALLATION AT GIRLS' HOSTEL

B.O. Q	Description	Unit	Quantity	Rate	Amount
5	Structural Concrete				
	Reinforced cement concrete work including all labour and material except the cost of steel reinforcement and its labour for bending and binding which will be paid separately. This rate also includes all kinds of forms moulds, lifting, centering, shuttering and curing. (including screening and washing of shingle.) a) R.C.C work in roof slab, beams, column, rafts, lintels and other structural members laid in situ or precast laid in position complete in all respects. (i) Ratio 1 : 2: 4 90 Lbs of cement, 2 Cft sand and 4 Cft shingle 1/8" to 3/4" gauge. Item no. 5a (i) page no. 25 chap # 4				
a	Foundation	cft	51	717.59	36,597.09
b	Columns	cft	66	717.59	47,360.94
c	Plinth Beam	cft	21	717.59	15,307.06
6	Block Masonry				
	Providing and laying 1 : 3 : 6 Cement concrete solid Block masonry wall above 6" in thickness set in 1 : 6 cement mortar in G.F ground floor superstructure including raking out joints & curing etc, complete. Refer Item no. 23 page no. 27 Chapter no. 4	P.cft	80	493.79	39,503.20
7	Weather Shield Paint				
a	Preparing the surface and painting with weather coat l/c rubbing the surface with rubbing brick / sand Paper, filling the voids with chalk/ plaster of Paris and then painting with weather coat of approved make. Refer Item no. 38 (A) page no. 54 Chapter no. 9	sft	220	39.38	8,663.60
b	2nd & subsequent coat. Refer Item no. 38 (b) page no. 54 Chapter no. 9	sft	220	23.60	5,192.00

BILL OF QUANTITIES FOR MS GATE INSTALLATION AT GIRLS' HOSTEL

B.O. Q	Description	Unit	Quantity	Rate	Amount
9	Termite Treatment				
	Providing Anti-termite treatment by spraying/sprinkling/spreading Neptachler 0.5% Emulsion as an overall preconstruction treatment in slab type construction along external foundation trenches of the building over complete parameter of the foundation trench etc, as per directions of Engineer Incharge. Item no. 92, Page No. 84 chapter no. 18	sft	64	74.14	4,744.96
10	Bitumen				
	Bitumen coating to plastered or cement concrete surface. Refer Item no. 9 page no. 63 Chapter no. 11	P.Sft	191	21.83	4,169.53
TOTAL ESTIMATED AMOUNT OF SCHEDULE BASED ITEMS				PKR	261,322.18
PREMIUM/REBATE(%)				%	
TOTAL AMOUNT OF SCHEDULE BASED ITEMS (INCL. PREMIUM/REBATE)				PKR	261,322.18
NON-SCHEDULED ITEMS (BASED ON PREVAILING MARKET RATES)					
1	Repairing, shifting & erecting of MS Gate	Unit	Quantity	Rate	Amount
	Shifting of MS gate (size 7 ft x 10 ft) from warehouse located 350 m away, repairing of gate by removing rusted steel sections and replacing with equivalent mild steel sections, welding as required, and installing in position with the help of Crane, including hold fasts embedded in RCC Columns, MS Tower bolts, hardware and all accessories. Gate to be fixed between 2 ft x 2 ft reinforced concrete columns	L/S	1		

BILL OF QUANTITIES FOR MS GATE INSTALLATION AT GIRLS' HOSTEL

B.O.Q Item	Description	Unit	Quantity	Rate	Amount
2	Epoxy Paint (Matt Finish) Schedule Based Items				
	Preparing the surface and making it free from rust then Supply and application of one coat primer and two coat Metal Epoxy paint finish of Master Paints or equivalent or approved quality on MS Gate by using Airless Spray in approved shades, prior to application all surface generally must be clean, dry, free from all defective or poorly adhering material, dirt, and grease etc, complete in all respect as directed by Engineer and as per manufacturer's recommendations. Airless Spray tip 13 thou, 2000 psi Epoxy Paint should be applied over a suitable primer or build coat. For recoating, the underlying system should be intact, sound and undamaged. The rate shall include all labor, materials, tools, scaffolding, and surface cleaning. Minimum total dry film thickness: 220 microns. (Suitable Primers: Master Epoxy Z.P Primer or equivalent)	Sft	140		
	TOTAL ESTIMATED AMOUNT OF NON-SCHEDULE ITEMS				
	TOTAL AMOUNT OF SCHEDULED AND NON-SCHEDULE ITEMS				
	ADD SST @ 8%				
	TOTAL ESTIMATED AMOUNT (INCL. SST)				

