

BILL OF QUANTITY (BOQ)

Work Name: Construction of Security Guard room and Boundary wall Plaster. Rate analysis according BCD SOR 2022.

Work Place: DAV PUBLIC SCHOOL N.H.-28 BARAUNI, NEAR BARAUNI THANA BARAUNI, BEGUSARAI.

S. No.	Item Code	Activity	Units	QTY	RATE	AMOUNT
1	4.1	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering-all work up to plinth level.	CUM			
2	4.1.3	1:2:4(1 Cement: 2 coarse sand:4 graded stone aggregate 20 mm nominal size)		2.00		
3	4.2	Providing and laying cement concrete in retaining walls, return walls, walls (any thickness) including attached pilasters, columns, piers, abutments, pillars, post. struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plinth window sills, fillets etc. up to floor five level excluding the cost of centering, shuttering and finishing:	CuM			
4	4.2.1	1:1:2 (1 Cement:1 coarse sand : 2 graded stone aggregate 20 mm nominal size)		4.10		
5	5.22	Reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete. Lap, chair including	CuM			
6	5.22.7F	Thermo-Mechanically Treated bars TMT Fe-500-25mm dia.		300.00		
7	6.18	Half brick masonry	SQM			
8	6.18.4A	Cement mortar 1:4 (1 cement: 4 coarse send)		36.00		
9	13.13	20 mm cement plaster of mix ;	SQM			
10	13.13.2	1: 4(1 cement: 4 coarse sand)		302.00		
11	13.46	Finishing walls with Acrylic Smooth exterior paint of required shade :	SQM			
12	13.46.1	New work (Two or more coat applied @ 1.67 ltr/ 10 sqm over and including priming coat of exterior primer applied @ 2.20 kg/ 10 sqm)		302.00		
13	26.1	Aluminum door and window	SQM	5.00		
		TOTAL AMOUNT				

BILL OF QUANTITY

Work Name: Construction of New Gate No.2 at the side of village panchayat. Rate analysis according BCD SOR 2022.

Work Place: DAV PUBLIC SCHOOL N.H.-28 BARAUNI, NEAR BARAUNI THANA BARAUNI, BEGUSARAI.

S. No.	Item code	Activity	Units	QTY	RATE	AMOUNT
1	4.1	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering-all work upto plinth level.	CUM			
2	4.1.3	1:2:4(1 Cement: 2 coarse sand:4 graded stone aggregate 20 mm nominal size)		1.00		
3	4.2	Providing and laying cement concrete in retaining walls, return walls, walls (any thickness) including attached pilasters, columns, piers, abutments, pillars, post. struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plinth window sills, fillets etc. upt floor five level excluding the cost of centering, shuttering and finishing:	CuM			
4	4.2.1	1:1:2 (1 Cement:1 coarse sand : 2 graded stone aggregate 20 mm nominal size)		10.86		
5	4.3	Centering and shuttering including strutting, propping etc. and removal or form work for				
6	4.3.3	Columns, piers. abutments, pillars, posts and struts		60.00		
7	5.22	Reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete. Lap, chair including	CuM			
8	5.22.7F	Thermo-Mechanically Treated bars TMT Fe-500-25mm dia.		1050.00		
9	8.32	Designing, fabricating, testing, installing and fixing in position Curtain Wall with Aluminum Composite Panel Cladding, with open grooves for linear as well as curvilinear portions of the building, Gate , for all heights and all levels etc.	SQM	80.00		
10	10.44	Providing and fixing angle iron frames for doors, windows and ventilators of kg 101.30 mild steel Angle sections of size 35x35x5 mm, joints mitred and welded by angle iron 35x35x5 mm or 35x 5 mm flat pieces to the existing T-iron frame or to the wall with dash fastener, including fixing of necessary butt hinges and screws and applying a priming coat of approved steel primer, all complete as per the direction of Engineer_In_charge	KG	1000.00		
12	13.106	Lettering with approved colour	Inch	500.00		
		TOTAL AMOUNT				

Bill of Quantity format

Work Name: Approach road. Rate analysis according to BCD SOR 2022.

Work Place: DAV PUBLIC SCHOOL N.H.-28 BARAUNI, NEAR BARAUNI THANA BARAUNI, BEGUSARAI.

S. No.	Item code	Description of work	Unit	Quantity	Rate	Amount
01	2.25A	Excavating, supplying and filling of local earth (including royalty but excluding carriage cost) by mechanical transport up to a lead of 3km also including ramming and watering of the earth in layers not exceeding 20 cm in trenches, plinth, sides of foundation etc. complete. If local earth is available at more than 3 km lead the actual lead must be approved by competent authority. Carriage of material will be paid separately and calculated after deducting initial lead.	CUM	250.00		
02	2241	Carriage of Good earth	CUM	250.00		
03	11.1	Brick on edge flooring with bricks of class designation 100A including cement slurry etc. complete in cement mortar.				
04	11.1.1	1:4 (1 cement: 4 coarse sand)	SQM	200.00		
05	11.79	Providing and laying factory made chamfered edge Cement Concrete paver blocks of required strength, thickness & size/shape, made by table vibratory method, to attain superior smooth finish using PU or equivalent moulds, laid in required Grey colour & pattern over 50mm thick compacted bed of coarse sand, compacting and proper embedding / laying of inter locking paver blocks into the sand bedding layer through vibratory compaction by using plate vibrator, filling the joints with jamuna sand and cutting of paver blocks as per required size and pattern, finishing and sweeping extra sand in footpath, Road, lawns, drive ways etc. all complete as per manufacturer's specifications & direction of Engineer -in-Charge:	SQM			
06	11.79.1	(a) 80 mm thick c.c. paver block of M-35 grade with approved colour design and pattern.	SQM	100.00		
07	11.79.2	(b) 80 mm thick c.c. paver block of M-35 grade with white colour design and pattern.	SQM	200.00		
08	16.78	Construction of granular sub-base by providing close graded Material conforming to specifications, mixing in a mechanical mix plant at OMC, carriage of mixed material by tippers to work site, for all leads & lifts, spreading in uniform layers of specified thickness with motor grader on prepared surface and compacting with vibratory power roller to achieve the desired density, complete as per specifications and directions of Engineer-in-Charge.	CUM			
09	16.78.1	With material conforming to Grade-I (size range 75 mm to 0.075 mm) having CBR Value-30	CUM	60.00		
		Total Amount				

Note: - Rate inclusive of GST