

BILL OF QUANTITY (Schedule - B)

Name of the work :Construction of compound wall for Non-residential buildings.

Sr. No.	Description of Item	Quantity	Unit	(In words)	Rate	Rate in words	Total Amount
1(A)	Earth work in excavation by mechanical means(Hydraulic excavator)/manual means over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 sqm on plan) including getting out and disposal of excavated earth lead upto 50 m and lift upto 1.5 m, as directed by Engineer-in-charge.	8190.00	M3	Cubic Meter			
1(B)	Extra for excavating trenches for pipes, cables etc. in all kinds of soil for depth exceeding 1.5 m, but not exceeding 3 m. (Rate is over corresponding basic item for depth upto 1.5 metre).	400.00	M3	Cubic Meter			
2	Supplying and filling in plinth with sand under floors, including watering, ramming, consolidating and dressing complete	892.00	M3	Cubic Meter			
3	1:4:8 (1 Cement : 4 coarse sand (zone-III) derived from natural sources : 8 graded stone aggregate 40 mm nominal size derived from natural sources)	546.00	M3	Cubic Meter			
4	Providing and laying in position machine batched and machine mixed design mix M-25 grade cement concrete for reinforced cement concrete work, using cement content as per approved design mix, including pumping of concrete to site of laying but excluding the cost of centering,shuttering, finishing and reinforcement, including admixtures in recommended proportions as per IS: 9103 to accelerate, retard setting of concrete, improve workability without impairing strength and durability as per direction of Engineer-in-charge."(Note :- Cement content considered in this item is @ 330 kg/cum."Excess/ less cement used as per design mix is payable/recoverable separately). Concrete of M30 grade with minimum cement content of 350 kg /cum Providing M-30 grade concrete instead of M-25						
A	All works upto plinth level	1892.10	M3	Cubic Meter			
B	All works above plinth level upto floor level	1067.98	M3	Cubic Meter			
5	Steel reinforcement for R.C.C. work including straightening, cutting,bending, placing in position Thermo-Mechanically Treated bars of grade Fe-500D or more	464673.89	KG	One killogram			
6	Centering and shuttering including strutting, propping etc. and removal of form for all heights :						
A	Foundations, footings, bases of columns, etc. for mass concrete	1638.00	M2	Square meter			
B	Walls (any thickness) including attached pilasters, butteresses, plinth and string courses etc.	15142.27	M2	Square meter			
C	Columns, Pillars, Piers, Abutments, Posts and Struts	3210.24	M2	Square meter			

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7	12 mm cement plaster of mix 1:4 (1 cement: 4 coarse sand)	14061.00	M2	Square meter			
8	Finishing walls with textured exterior paint of required shade and colour :New work (Two or more coats applied @ 3.28 ltr/10 sqm) over and including priming coat of exterior primer applied @ 2.20kg/10 sqm	14061.00	M2	Square meter			
9	Providing and fixing concertina coil fencing with punched tape concertina coil 600 mm dia 10 metre openable length (total length 90 m), having 50 nos rounds per 6 metre length, upto 3 m height of wall with existing angle iron "Y" shaped placed 2.4 m or 3.00 m apart and with 9 horizontal R.B.T. reinforced barbed wire, stud tied with G.I. staples and G.I. clips to retain horizontal, including necessary bolts or G.I. barbed wire tied to angle iron, all complete as per direction of Engineer-in-charge, with reinforced barbed tape(R.B.T.) / Spring core (2.5mm thick) wire of high tensile strength of 165 kg/ sq.mm with tape (0.52 mm thick) and weight 43.478 gm/ metre (cost of M.S. angle, C.C. blocks shall be paid separately)	2730.00	Rmt	Running Meter			
10	Demolishing brick work manually/ by mechanical means including stacking of serviceable material and disposal of unserviceable material within 50 metres lead as per direction of Engineer-in-charge. In cement mortar	394.50	M3	Cubic Meter			
11	Demolishing R.C.C. work manually/ by mechanical means including stacking of steel bars and disposal of unserviceable material within 50 metres lead as per direction of Engineer - in-charge.	76.50	M3	Cubic Meter			
12	Disposal of building rubbish / malba / similar unserviceable, dismantled or waste materials by mechanical means, including loading, transporting, unloading to approved municipal dumping ground or as approved by Engineer-in-charge, beyond 50 m initial lead, for all leads including all lifts involved.	471.00	M3	Cubic Meter			
13	Structural steel work riveted, bolted or welded in built up sections,trusses and framed work, including cutting, hoisting, fixing in position and applying a priming coat of pproved steel primer all complete.						
A	M.S Angle for Column 50x50x6	8788.50	KG	One killogram			
B	Gate (School, Hospital and coloney)	1620.00	KG	One killogram			
14	Supply & arranging dry stone boulders in foundation Below 1.50m. As directed by Engineer in charge. Rates are including labour Material end machinery as directed by engineer incharge	600.00	M3	Cubic Meter			
					Total Rs.		

CONTRACTOR

SUPERINTENDING ENGINEER (ROADS)
DEENDAYAL PORT AUTHORITY