

BOQ

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Sub: Provision of Gas Cylinder Enclosure

Sr.No.	Description of Item	Qty.	Unit	Rate	Amount
1/2.6	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means over areas (exceeding 30cm in depth, 1.5m in width as well as 10 sqm on plan) including disposal of excavated earth, lead upto 50m and lift upto 1.5m, disposed earth to be levelled and neatly dressed.				
2.6.1	All kinds of soil	35	cum		
2/2.25	Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20cm in depth, consolidating each deposited layer by ramming and watering, lead up to 50 m and lift upto 1.5 m.	20.00	cum		
3/2.27	Supply and filling in plinth with jamuna sand under floors including watering, ramming, consolidating and dressing all complete	10.00	cum		
4/4.1	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level :				
4.1.10	1:5:10 (1 cement : 5 coarse sand : 10 graded stone aggregate 40 mm nominal size)	12.00	cum		
5/4.10	Providing and laying damp-proof course 40mm thick with cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 12.5mm nominal size).	7.00	sqm		
6/4.17	Making plinth protection 50mm thick of cement concrete 1:3:6 (1 cement :3 coarse sand : 6graded stone aggregate 20mm nominal size) over 75mm bed by dry brick ballast 40mm nominal size well rammed and consolidated and grouted with fine sand including finishing the top smooth	30.00	sqm		
7/5.1	Providing and laying in position specified grade of reinforced cement concrete excluding the cost of centering, shuttering, finishing and reinforcement - All work up to plinth level :				
5.1.2	1:1.5:3 (1 cement : 1.5 coarse sand : 3 graded stone aggregate 20 mm nominal size)	3.00	cum		
8/5.2	Reinforced cement concrete work in walls (any thickness), including attached pilasters, buttresses, plinth and string courses, fillets, columns, pillars, piers, abutments, posts and struts etc. up to floor five level excluding cost of centering, shuttering, finishing and reinforcement :				
5.2.2	1:1.5:3 (1 cement : 1.5 coarse sand : 3 graded stone aggregate 20 mm nominal size)	14.00	cum		
9/5.9	Centering and shuttering including strutting, propping etc. and removal of form for :				
5.9.3	Suspended floors, roofs, landings, balconies and access platform.	55	sqm		
5.9.5	Lintels, beams, plinth beams, girders, bressumers and cantilevers.	76	sqm		
5.9.6	Columns, Pillars, Piers, Abutments, Posts and Struts.	50	sqm		
10/5.22	Reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete.				
5.22.6	Thermo-Mechanically Treated bars.	2500	kg		
11/6.1	Brick work with F.P.S. bricks of class designation 75 in foundation and plinth in:				
6.1.2	Cement mortar 1:6 (1 cement : 6 coarse sand)	10	cum		
12/6.4	Brick work with F.P.S. bricks of class designation 75 in superstructure above plinth level up to floor V level in all shapes and sizes in :				
6.4.1	Cement mortar 1:4 (1 cement :4 coarse sand)	50	cum		
13/11.26	Kota stone slab flooring over 20 mm (average) thick base laid over and jointed with grey cement slurry mixed with pigment to match the shade of the slab including rubbing and polishing complete with base of cement mortar 1 : 4 (1 cement : 4 coarse sand) :				
11.26.1	25 mm thick.	10	sqm		
14/11.41	Providing and laying polished vitrified floor tiles in different sizes (thickness to be specified by the manufacturer) with water absorption's less than 0.08% and conforming to IS : 15622 of approved make in all colours and shades, laid on 20mm thick cement mortar 1:4 (1 cement : 4 coarse sand) including grouting the joints with white cement and matching pigments etc., complete.				
11.41.2	Size of Tile 60x60 cm	55	sqm		
15/13.1	12 mm cement plaster of mix :				
13.1.2	1:6 (1 cement: 6 fine sand)	270	sqm		
16/13.45	Finishing walls with textured exterior paint of required shade :				
13.45.1	New work (Two or more coats applied @ 3.28 ltr/10 sqm) over and including base coat of water proofing cement paint applied @ 2.20kg/10 sqm.	110	sqm		

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17/13.52	Finishing with Epoxy paint (two or more coats) at all locations prepared and applied as per manufacturer's specifications including appropriate priming coat, preparation of surface, etc. Complete.				
13.52.2	On concrete work	170	sqm		
18/13.80	Providing and applying white cement based putty of average thickness 1 mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete.	280	sqm		
19/22.7	Providing and laying integral cement based water proofing treatment including preparation of surface as required for treatment of roofs, balconies, terraces etc consisting of following operations: a) Applying a slurry coat of neat cement using 2.75 kg/sqm. of cement admixed with water proofing compound conforming to IS. 2645 and approved by Engineer-in-charge over the RCC slab including adjoining walls upto 300mm height including cleaning the surface before treatment. b) Laying brick bats with mortar using broken bricks/brick bats 25 mm to 115mm size with 50% of cement mortar 1:5 (1 cement : 5 coarse sand) admixed with water proofing compound conforming to IS : 2645 and approved by Engineer-in-charge over 20 mm thick layer of cement mortar of mix 1:5 (1 cement :5 coarse sand) admixed with water proofing compound conforming to IS : 2645 and approved by Engineer-in-charge to required slope and treating similarly the adjoining walls upto 300 mm height including rounding of junctions of walls and slabs c) After two days of proper curing applying a second coat of cement slurry using 2.75kg/ sqm of cement admixed with water proofing compound conforming to IS : 2645 and approved by Engineer-in-charge. d) Finishing the surface with 20 mm thick jointless cement mortar of mix 1:4 (1 cement :4 coarse sand) admixed with water proofing compound conforming to IS : 2645 and approved by Engineer-in-charge including laying glass fibre cloth of approved quality in top layer of plaster and finally finishing the surface with trowel with neat cement slurry and making pattern of 300x300 mm square 3mm deep. e) The whole terrace so finished shall be flooded with water for a minimum period of two weeks for curing and for final test. All above operations to be done in order and as directed and specified by the Engineer-in-Charge :				
22.7.1	With average thickness of 120mm and minimum thickness at khurra as 65 mm.	60.00	sqm		
20/NS	P/f of solid doors of size 7'x4', 60 mm thick double skin Clean Room wall panels made up of 0.6mm GI powder coated sheet, infill material as puff having density of 40 kg/m3 with all required accessories like C type floor track, top channel, male female channel, Silicon sealant and fishes for grouting, etc all complete as per manufacturer specifications at all heights and as per direction of Engineer-in-Charge	4.00	sqm		
21/NS	Providing and laying 60mm thick factory made cement concrete interlocking prepolished rubber moulded paver block of M -35 grade made by block making machine with strong vibratory compaction and of approved size and design/ shape laid in required colour and pattern over and including 20-30mm thick compacted bed of course sand, filling the joints with fine sand etc. all complete as per the direction of Engineer-in-charge.	20	sqm		
22/NS	Brick work with Fire. bricks of class designation 75 in superstructure above plinth level up to floor V level in all shapes and sizes in Cement mortar 1:4 (1 cement :4 coarse sand)	3	sqm		
	Total				

Contractor