

NAME OF WORK:-CONSTRUCTION OF COMPOUNDWALL AROUND SHOPPING CENTER & SCHOOL BUILDING AT PORT COLONY VADINAR

**SCHEDULE - B**

ITEM	Description	QTY	Rate		Unit		Amount
			IN FIG	IN WORD	IN FIG	IN WORD	
1 (a)	Demolishing cement concrete manually/ by mechanical means including disposal of material within 50 metres lead as per direction of Engineer - in - charge. <b>Nominal concrete 1:3:6 or richer mix (i/c equivalent design mix)</b>	10.34			M3	CUBICMETRE	
1 (b)	<b>Nominal concrete 1:4:8 or leaner mix (i/c equivalent design mix</b>	6.33			M3	CUBICMETRE	
2	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 All kinds of soil	554.91			M3	CUBICMETRE	
3	Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers trenches, plinth, sides of foundations etc. in layers not exceeding 20cm in depth, consolidating each deposited layer by ramming and watering, lead up to50 m and lift upto 1.5 m.	554.91			M3	CUBICMETRE	
4	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : 1:4:8 (1 Cement : 4 coarse sand : 8 graded stone aggregate 40 mm nominal size)	140.33			M3	CUBICMETRE	
5	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. above plinth level up to floor five level, excluding cost of centring, shuttering, finishing and reinforcement : 1:1.5:3 (1 cement : 1.5 coarse sand : 3 graded stone aggregate 20 mm nominal size).	31.83			M3	CUBICMETRE	
6 (a)	Centring and shuttering including strutting, propping etc. and removal of form for all heights: Foundations, footings, bases of columns, etc. for mass concrete <b>for wall</b>	59.92			M2	SQ.METRE	
6 (b)	<b>Lintels, beams, plinth beams, girders, bressumers and cantilevers</b>	240.15			M2	SQ.METRE	
6 (C)	<b>Foundations, footings, bases of columns, etc. for mass concrete</b>	3.2			M2	SQ.METRE	
6 (D)	<b>Columns, Pillars, Piers, Abutments, Posts and Struts</b>	6.34			M2	SQ.METRE	
7	Steel reinforcement for R.C.C. work including straightening, cutting,bending, placing in position Thermo-Mechanically Treated bars of grade Fe-500D or more.	3183			KG	KILOGRAMM	
8	Random rubble masonry with hard stone in foundation and plinth including levelling up with cement concrete 1:6:12 (1 cement : 6 coarse sand : 12 graded stone aggregate 20 mm nominal size) upto plinth level with : Cement mortar 1:6 (1 cement : 6 coarse sand)	127.83			M3	CUBICMETRE	
9	Brick work with common burnt clay machine moulded perforated bricks of class designation 12.5 conforming to IS: 2222 in superstructure above plinth level up to floor five level in cement mortar 1:6 (1 cement : 6 coarse sand) : With F.P.S.(non modular) bricks	84.99			M3	CUBICMETRE	
10	12 mm cement plaster of mix 1:4 (1 cement: 4 fine sand)	1457.84			M2	SQ. METRE	
11	Finishing walls with Acrylic Smooth exterior paint of required shade : 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	3902.7			M2	SQ. METRE	
12	Steel work welded in built up sections/ framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel etc. as required. In gratings, frames, guard bar, ladder, railings, brackets, gates and similar works	262.5			KG	KILOGRAMM	

13	Painting Steel work with Deluxe Multi Surface Paint to give an even shade. Two or more coat applied @ 0.90 ltr/ 10 sqm over an under coat of primer applied @ 0.80 ltr/ 10 sqm of approved brand and manufacture	17.5			M2	SQ.METRE	
14	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.	2.27			M3	CUBICMETRE	
15	Preparation and consolidation of sub grade with power road roller of 8 to 12 tonne capacity after excavating earth to an average of 22.5 cm depth, dressing to camber and consolidating with road roller including making good the undulations etc. and re-rolling the sub grade and disposal of surplus earth with lead upto 50 metres.	62.28			M2	SQ.METRE	
16	Cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 40 mm nominal size) in pavements, laid to required slope and camber in panels as required including consolidation finishing and tamping	4.67			M3	CUBICMETRE	
17	"Providing and laying design mix cement concrete of M 30 grade, in roads/ taxi tracks/ runways, using cement content as per design mix, using coarse sand and graded stone aggregate of 40 mm nominal size in appropriate proportions as per approved & specified design criteria, providing dowel bars with sleeve/ tie bars wherever required, laying at site, spreading and compacting mechanically by using needle and surface vibrators, levelling to required slope/ camber, finishing with required texture, including steel form work with sturdy M.S. channel sections, curing, making provision for contraction/expansion, construction & longitudinal joints ( 10 mm wide x 50 mm deep) by groove cutting machine, providing and filling joints with approved joint filler and sealants, complete all as per direction of Engineer-in charge (Item of joint fillers, sealants, dowel bars with sleeve/ tie bars to be paid separately). Note:- Cement content considered in M-30 is @ 340 kg/cum. Excess/less cement used as per design mix is payable/ recoverable separately Cement concrete prepared with batch mixing machin	9.34			M3	CUBICMETRE	
18	Providing and laying factory made chamfered edge Cement Concrete paver blocks In foot path, park & lawns driveway or light & traffic parking etc. of required strength, thickness & size/ shape, made by table vibratory method using PU mould, laid in required colour & pattern over 50mm thick compacted bed of course 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 sand and cutting of paver blocks as per required size and pattern, finishing and sweeping extra sand, all complete as per manufacturer's specifications & 80mm thick Cement concrete paver block of M-30 grade with approved colour, design & pattern	3013.08			M2	SQ.METRE	
19	Providing precast cement concrete Jali 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 6mm nominal size), reinforced with 1.6 mm dia mild steel wire, including centering and shuttering, roughening cleaning, fixing and finishing with cement mortar 1:3 (1 cement: 3 fine sand) etc. complete, excluding plastering of the jambs, sills and soffits. 50 mm thick	382.43			M2	SQ.METRE	
20 (a)	Felling trees of the girth (measured at a height of 1 <b>Beyond 30 cm girth upto and including 60 cm girth</b>	4			each	each number	
20 (b)	<b>Beyond 60 cm girth upto and including 120 cm girth</b>	4			each	each number	
20 (c)	<b>Beyond 120 cm girth upto and including 240 cm girth</b>	2			each	each number	

TOTAL Rs.

(IN WORD

Sign of Contractor

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Executive engineer (C )  
Deendayal Port Authority - OOT  
Vadinar