

**DEENDAYAL PORT AUTHORITY  
OFF SHORE OIL TERMINAL VADIANR**

Name of work:- S/R of storm water drainage & painting of compound wall at Colony.

**PART - A**

**SCHEDULE - B**

ITEM	Description		Rate		Unit		Amount
		Qty.	IN FIG	IN WORD	IN FIG	IN WORD	
1	Dismantling barbed wire or flexible wire rope in fencing including making rolls and stacking within 50 metres lead.						
		297.86			kg	KILOGRAM	
2	Dismantling steel work in single sections including dismembering and stacking within 50 metres lead in:						
	Channels, angles, tees and flats						
		1370.77			kg	KILOGRAM	
3	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						
		12.42			cum	CUBICMETRE	
4	Dismantling old plaster or skirting, raking out joints & cleaning the surface for plaster including disposal of rubbish to the dumping ground within a 50metres lead.						
		3532.5			sqm	squaremetre	
5	Brick masonry with common burnt clay F.P.S. ( non modular) bricks of class designation 7.5 in super structure above plinth level upto floor V level in all shapes and sizes in cement mortar (1:6)						
		76.61			cum	CUBICMETRE	
6	Reinforced cement concrete work in beams, suspended floors, roofs having slope up to 15° landings, balconies, shelves, chajjas, lintels,bands, plain window sills, staircases and spiral stair cases above plinth level up to floor five level, excluding the cost of centering, shuttering,finishing and reinforcement, with 1:1.5:3 (1 cement : 1.5 coarse sand : 3 graded stone aggregate 20 mm nominal size).						
		18.88			cum	CUBICMETRE	
7	Steel reinforcement for R.C.C. works including strenghtening,cutting, bending,placing in position and binding all complete above plinth level . 7(a). Thermo mechanically Treated bars of grade Fe-500D or more						
		1900.00			kg	KILOGRAM	
8	Centering ang shuttering including strutting,propping etc. and removal of form for all height						
		105.85			sqm	squaremetre	
9	Plastering with cement mortar 1:4 including scrubing, cleaning,finishing smooth,curiong,etc complete. for exterior plaster upto floor two level. - 12mm thick						
		5951.56			sqm	squaremetre	
10	Supplying at site Angle iron post & strut of required size including bottom to be split and bent at right angle in opposite direction for 10 cm length and drilling holes upto 10mm dia. Etc. complete.(a).50x50x6mm thk.MS angle - "Y"						
		2201.48			kg	KILOGRAM	
11	Fixing of MS angle Post with CC( 1:11/2:3) at existing boundry wall including demolition of RCC coping and removing of existing damaged post and stacking same within 50 mtr. Lead etc with all labour and materials complete as directed by Engineer in charge. ( Rate is excluding cost of MS angle).						
		197.00			each	EACH NUMBERS	
12	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 smooth surface by scrapping and sand papering etc complete (a).Steel work						
		82.74			sqm	squaremetre	
13	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						
		15926.66			sqm	squaremetre	

14	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)						
		1058.50			metre	ONE METRE	
15	Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade :						
	One or more coats on old work	492.50			sqm	squaremetre	
16	Surface dressing of the ground including removing vegetation and inequalities not exceeding 15 cm deep and disposal of rubbish, lead up to 50 m and lift up to 1.5 m .						
	All kinds of soil	2240.25			SQM	squaremetre	
17	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)	167.21			CUM	CUBICMETRE	
18	Demolishing cement concrete manually/by mechanical means including disposal of material within 50 metres lead as per direction of engineer - - in charge nominal concrete 1:3:6 or richer mix ( i/c equivalent design mix)	2.82			CUM	CUBICMETRE	
19	Excavating trenches of required width for pipes, cables, etc including excavation for sockets, and dressing of sides, ramming of bottoms,depth upto 1.5 m, including getting out the excavated soil, and then returning the soil as required, in layers not exceeding 20 cm in depth,including consolidating each deposited layer by ramming, watering,etc. and disposing of surplus excavated soil as directed, within a lead of 50 m :						
	Pipes, cables etc. exceeding 300 mm dia but not exceeding 600 mm	10.75			M	RUNNING METRE	
20	Making connection of drain or sewer line with existing manhole including breaking into and making good the walls, floors with cement concrete 1:2:4 mix (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) cement plastered on both sides with cement mortar 1:3 (1 cement : 3 coarse sand), finished with a floating coat of neat cement and making necessary channels for the drain etc. complete :						
	For pipes 350 to 450 mm diameter	2.00			EACH	EACH NUMBERS	
21	Providing and laying non-pressure NP2 class (light duty) R.C.C. pipes with collars jointed with stiff mixture of cement mortar in the proportion of 1:2 (1 cement : 2 fine sand) including testing of joints etc. complete :						
	450 mm dia. R.C.C. pipe	10.75			METRE	ONE METRE	
22	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 complete.	2.82			CUM	CUBICMETRE	
23	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)	28.41			CUM	CUBICMETRE	

**PART - B ( Credit Item )**

**SCHEDULE - B**

ITEM	Description	Qty.	Rate		Unit		Amount
			IN FIG	IN WORD	IN FIG	IN WORD	
1	Taken away existing G I barbed wire with loading unloading and transportation etc complete as directed as directed by engineer in charge	209.00			kg	KILOGRAM	
2	Taken away existing M S old gate scrape with loading unloading and transportation etc complete as directed by engineer in charge	977.00			kg	KILOGRAM	

