

(4) 10

## NAGAR NIGAM BHILAI-CHARODA

### NIT

#### Name Of Work-Costruction of Chain Fencing and Boundary Wall at Open Gym (AS PER PWD BUILDING S.O.R 01.01.2015)

PAGE NO	PARTICULAR	QTY	UNIT	RATE
1.1.1	Excavation for all types and sizes of foundations, trenches and drains or for any other purpose including disposal of excavated stuff upto 1.5 m lift and lead upto 50m (at least 5m away from the excavated area), including dressing and leveling of pits.			
	In all types of soils.	31.8	cum	185.00
1.18	Providing and filling in plinth with sand/ Crusher dust and hard moorum under floor in layers not exceeding 20cm in depth consolidating each deposited layer by ramming and watering, including dressing etc. complete.			
		21.60	cum	371.00
3.1	Providing and laying nominal mix plain cement concrete with crushed stone aggregate using concrete mixer in all works upto plinth level excluding cost of form work.			
3.1.2	<b>1:4:8 (1 cement : 4 coarse sand : 8 graded stone aggregate 40mm nominal size).</b>	5.47	cum	2659.00
3.2	Providing and laying nominal mix reinforced cement concrete with crushed stone aggregate using concrete mixer in all works upto plinth level excluding cost of form work.			
3.2.1	<b>1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20mm nominal size).</b>	3.00	cum	4163.00
3.12	Providing and placing in position reinforcement for R.C.C. work including straightening, cutting, bending, binding etc. complete as per drawings including cost of binding wire in foundation and plinth all complete:			
3.12.1	Thermo-Mechanically treated bars FE 415	440.00	KG	54.50
7.5	<b>Brick work with modular fly-ash lime bricks (FaLG Bricks) confirming to IS:12894-2002 of class designation 4.0 in foundation and plinth in:</b>			
7.5.4	<b>Cement Mortar 1:6 (1 cement : 6 coarse sand)</b>	46.80	CUM	3263.00
2.1	<b>Providing and fixing form work including centring, shuttering, strutting, staging, propping bracing etc. complete and including its removal at all levels, for:</b>			
2.1.1	<b>Foundations, footings, bases of columns plinth beam, curtain wall in any shape and size and all type of wall below plinth level.</b>	31.20	sqm	139.00
2.1.5	<b>Columns, Pillars, Piers and likes- rectangular or square in shape</b>	9.60	sqm	297.00

9.45	Providing and placing in position angle iron post and strut of required size including bottom to be split and bent at right angle in opposite direction for required length and drilling holes upto 10 mm dia as per requirement including priming coat with red oxide zinc chromate primer and placing the post/ strut in cement concrete block.	444.30	kg	69.50
11.2	Providing and making 12mm thick cement plaster of mix:	156.00	sqm	91.50
11.2.4	In Cement Mortar 1:6 (1 cement : 6 fine sand)			
11.3	Providing and making 15mm thick cement plaster on the rough side of single or half brick wall of mix:			
11.3.4	In Cement Mortar 1:6 (1 cement : 6 fine sand)	156.00	sqm	107.00
14.15	Painting exterior surface with ACRYLIC SMOOTH exterior paint of required shade as per manufacturer's specifications to give protective and decorative finish including cleaning washing of surface etc. complete with:			
14.15.1	On new work (Two or more coats applied @ 1.43 ltr/ 10 sqm over and including priming coat of exterior primer applied @ 2.20 kg/ 10 sqm)	312.00	sqm	56.00
12.65	Providing & laying 60mm thick precast interlocking concrete blocks of approved size (approx 305 sqcm) and shape/ pattern, over 40 mm thick average complete coarse sand bed with joints of 3mm thick filled by fine sand including leveling with surface vibrator, temping and sweeping etc. complete of minimum compressive strength of 250 kg/sq.cm 12.65.2 12.65.2 Pigment Coloured (rubber mould) precast interlock concrete blocks	144.00	sqm	632.00
9.14	Providing and fixing steel door made of angle iron of suitable sizes with M.S. grill of approved pattern made of M.S. flats or square or round bars coat of red oxide zinc chromate primer.	400.00	kg	79.50
9.43	Providing and fixing in position chain linked steel wire fabric made of 4 mm dia G.I. wire of required width in mesh to concrete/ wooden/ angle iron posts including securing and screwing with 2mm dia G.I. wire, G.I. staples, G.I.U-nails or steel pins etc., complete.	156.00	sqm	331.00
3.13	Providing and laying damp proof course (upto 50mm thick) with plain cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded crushed stone aggregate 20mm nominal size) including form work.	4.88	cum	4237.00