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of work: Improvement Development of approach road in MC Pny School New Sabhapur Gujran road and drain from Nav Durga Electric to H.No. 225 In New Sabhapur Gujran by Pdg RMC In Ward No. 248 West Karawal Nagar Shah (N) Zone.

S.N.	Item Code	Description of Item of Work	Quantity	Rate (Rs)	Unit	Amount (Rs)
1	15.2	Demolishing cement concrete manually/ by mechanical means including disposal of material within 50 metres lead as per direction of Engineer - In-charge.				
	15.2.1	Nominal concrete 1:3:6 or richer mix (1/c equivalent design mix)	30.40 cum	2007.1	cum	61016.0
2	15.7	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.	52.47			89067
	15.7.4	In cement mortar	78.66 cum	1698.45	cum	<del>133500.0</del>
3	15.3	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.	5.10 cum	2,928.10	cum	14933.0
4	0.10	Providing and fixing name board made of MS Sheet 90x60cm, 1mm thick with frame of MS angle 50x50x6mm, two diagonal braces at the back of the sheet of MS flat 40x6mm, total height of the board above ground level 2.40m, length of legs below ground 0.30m embedded in CC block 1:2:4 (1 cement: 2 coarse sand: 4 graded stone aggregate 20mm nominal size) 30x30x45cm including excavation and removal of surplus earth with in 50m lead, applying priming coat of approved steel primer, painting with synthetic enamel paint of approved quality and lettering with enamel paint of approved colour (one side) as per drawing/direction of Engineer-in-Charge.	1.00 each	7,397.70	each	7398.0
5	2.8	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan), including dressing of sides and ramming of bottoms, lift upto 1.5 m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m.	649.80			186395
	2.8.1	All kinds of soil	604.60 cum	286.85	cum	<del>173305.0</del>
6	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 :				
	4.1.10A	1:5:10 (1 cement : 5 manufactured sand derived from Recycled Concrete Aggregate (RCA) : 10 graded stone aggregate 40 mm nominal size Recycled Aggregate (RA) )	60.80 cum	4410.25	cum	269957.0
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 (zone-III) derived from natural sources : 3 graded stone aggregate 20 mm nominal size derived from natural sources)	75.20 cum	8364.2	cum	628988.0

Item Code	Description of Item of Work	Quantity	Rate (Rs)	Unit	Amount (Rs)
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. above plinth level 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(zone-III) derived from natural sources : 3 graded stone aggregate 20 mm nominal size derived from natural sources)	136.80	10185.05	cum	1393315.0
9	5.22 Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth level.				
	5.22.6 Thermo-Mechanically Treated bars of grade Fe-500D or more.	23,320.00	89.65	kg	2090638.0
10	5.9 FORM WORK 5.9 Centering and shuttering including strutting, propping etc. and removal of form for				
	5.9.1 Foundations, footings, bases of columns, etc. for mass concrete	182.40	307.95	sqm	56170.0
11	5.9.2 Walls (any thickness) including attached pilasters, buttresses, plinth and string courses etc.	2,280.00	669.55	sqm	1526574.0
12	5.9.3 Suspended floors, roofs, landings, balconies and access platform	38.72	766.55	sqm	29681.0
13	16.64 Providing and laying 75 mm thick compacted bed of dry brick aggregate of 40 mm thick nominal size including spreading, well ramming, consolidating and grouting with jamuna sand, including finishing smooth etc. complete as per direction of Engineer in-charge.	380.00	196.30	sqm	74594.0
14	16.75 Providing and laying C.C. pavement of mix M-25 with ready mixed concrete from batching plant. The ready mixed concrete shall be laid and finished with screed board vibrator, vacuum dewatering process and finally finished by floating, brooming with wire brush etc. complete as per specifications and directions of Engineer-in charge. (The panel shuttering work shall be paid for separately). (Note:- Cement content considered in this item is @ 330 kg/cum. Excess/less cement used as per design mix is payable/ recoverable	38.00	8,277.55	cum	314547.0
15	19.26 Raising manhole cover and frame slab to required level including dismantling existing slab and making good the damage as required (Raising depth of manhole to be paid separately) :				
	19.26.4 Circular manhole 140 cm dia with circular cover 600 mm dia of grade EHD - 35	5.00	326.45	each	1632.0
16	19.19 Providing and fixing in position pre-cast R.C.C. manhole cover and frame of required shape and approved quality				
	19.19.4 EHD - 35	5.00	1882.2	each	9411.0
	19.19.4.1 Circular shape 560 mm internal dia				
17	16.46 Providing and filling in position rubberized bitumen hot sealing compound for sealing of expansion joints in roads / pavements all complete as per direction of the Engineer-in-Charge.				
	16.46.1 Using grade 'A' sealing compound conforming to IS: 1834.	50.00	7.5	per cm depth per cm width per m length	375.0

Item Code	Description of Item of Work	Quantity	Rate (Rs)	Unit	Amount (Rs)
16.45	Providing and fixing pre-moulded joint filler in expansion joints of RCC roads / CC pavements after making the joints dust free with high pressure air jet cleaners, all complete as per direction of the Engineer in-Charge. (Pre-moulded joint fillers shall be made of bitumen hot sealing compound impregnated fibre board having impregnation more than 35%, conforming to IS:1838 for fibre board and IS: 1834 for hot sealing bitumen compound grade A.)	50.00	4.70	per cm depth per cm width per m length	235.0
19	1.1 Carriage of material by mechanical transport including loading, unloading and stacking: 10 km lead	737.74			217309
	1.1.1 Lime, moorum, building rubbish 10 km lead	738.16	294.56	cum	235106.0
20	6.1 Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in foundation and plinth in:				
	6.1.2 Cement mortar 1:6 (1 cement : 6 coarse sand)	5.00	6658.25	cum	33291.0
21	13.4 12 mm cement plaster of mix :				
	13.4.1 1:4 (1 cement: 4 coarse sand)	20.00	307.25	sqm	6145.0
22	13.18 Neat cement punning.	20.00	67.80	sqm	1356.0
				Total	7085177.0

Total = 7013037.1  
2513069.0

Total = 7013037

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