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**Name of work** Improvement Development of road and drain from old SBI Bank to H.No. 319 , Balu pandit house ,Dev Raj Pardhan to KH No. 94, Khajari singh to New sai medical Selak Pardahan to Harichanda house, Dharmeder house to BSES Poll No: 219 and Krishna Devi house to Devender master house in Karawal Nagar Village by Pdg RMC in Ward No. 248 West Karawal Nagar Shah (N) Zone.

**Subhead :**

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 (i/c equivalent design mix)	140.80 cum	2007.1	cum	282600.0
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.				
	15.7.4	In cement mortar	23.52 cum	1698.45	cum	39948.0
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.	3.68 cum	2,928.10	cum	10775.0
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 (1cement: 2coarse sand: 4graded 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.	2.00 5.00 each	7,397.70	each	14795 36989.0
5	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)	106.46 cum	6658.25	cum	708837.0
6	13.4	12 mm cement plaster of mix :				
	13.4.2	1:6 (1 cement: 6 coarse sand)	68160 <sup>sqm</sup> 877.56 sqm	294.35	sqm	258310.0
7	13.18	Neat cement punning.	68160 <sup>sqm</sup> 877.56 sqm	67.80	sqm	59499.0
8	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) :				

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S.N.	Item Code	Description of Item of Work	Quantity	Rate (Rs)	Unit	Amount (Rs)
9	19.26.4	Circular manhole 140 cm dia with circular cover 600 mm dia of grade EHD - 35	20.00 each	326.45	each	6529.0
	19.19	Providing and fixing in position pre-cast R.C.C. manhole cover and frame of required shape and approved quality				
	19.19.3	H D - 20				
	19.19.3.1	Circular shape 560 mm internal diameter	5.00 each	1494.2	each	7471.0
10	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.	1,564.04 sqm	196.30	sqm	307021.0
11	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 separately).	211.20 cum	8,277.55	cum	1748219.0
12	1.1	Carriage of material by mechanical transport including loading, unloading and stacking: 15 km lead				
	1.1.1	Lime, moorum, building rubbish 15 km lead	168.00 cum	357.66	cum	60087.0
13	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	28.50 sqm	307.95	sqm	8777.0
14	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)	7.00 cum	8364.2	cum	58549.0
15	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	840.00 kg	89.65	kg	75306.0

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S.N.	Item Code	Description of Item of Work	Quantity	Rate (Rs)	Unit	Amount (Rs)
16	10.25	Steel work welded in built up sections/ framed work, including cutting, holting, fixing in position and applying a priming coat of approved steel primer using structural steel etc. as required.				
	10.25.2	In gratings, frames, guard bar, ladder, railings, brackets, gates and similar works	480.00 kg	142.3 kg		68304.0
17	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 :				
	4.1.3	1:2:4 (1 cement : 2 coarse sand (zone-III) derived from natural sources : 4 graded stone aggregate 20 mm nominal size derived from natural sources)	0.38 cum	7365.15 cum		2799.0
18	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.)	4,260.00	per cm depth per cm width per m length	4.70 per cm depth per cm width per metre length	20022.0

Total 3760042.0

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