

						EC (Part A&B):	1,28,82,849/-
						Time Allowed:	120 Days
SCHEDULE OF QUANTITY							
NAME OF WORK:- Construction of roads with interlocking paver blocks and construction of rainwater drainage system including connection of PVC pipes with existing rainwater pipes of all blocks of The Talagang Co-op Group Housing Society Ltd, Neelkanth Apartment, Sector 13, Rohini, Delhi.							
PART-A (Road work)							
S.NO	DSR Code	Description	Quantity	Rate	UNIT	Amount	
1	2.8.1	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.All kinds of soil	15.60	395.30	cum	6166.68	
2	2.10.1.2	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 :All kinds of soil.Pipes, cables etc. exceeding 80 mm dia. but not exceeding 300 mm dia.	130.00	362.15	Mtr	47079.50	
3	2.27	Supplying and filling in plinth with sand under floors, including watering, ramming, consolidating and dressing complete.	35.10	2123.75	Cum	74543.63	
4	4.1.2	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : 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)	7.26	7878.50	Cum	57197.91	
5	4.1.10	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : 1:5:10 (1 cement : 5 coarse sand(zone-III) derived from natural sources : 10 graded stone aggregate 40 mm nominal size derived from natural sources)	29.56	6518.60	Cum	192689.82	
6	6.1.2	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in foundation and plinth in: Cement mortar 1:6 (1 cement : 6 coarse sand)	23.94	7132.25	cum	170746.07	
7	6.12.2	Half brick masonry with common burnt clay F.P.S. (non modular) bricksof class designation 7.5 in foundations and plinth in : Cement mortar 1:4 (1 cement : 4 coarse sand)	77.38	905.05	Sqm	70032.77	
8	10.25.2	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.	200.00	172.60	kg	34520.00	
9	13.4.1	12 mm cement plaster of mix : 1:4 (1 cement: 4 coarse sand)	394.11	357.35	Sqm	140835.21	
10	13.18	Neat cement punning	539.19	79.95	Sqm	43108.24	

11	13.44.1	Finishing walls with water proofing cement paint of required shade :New work (Two or more coats applied @ 3.84 kg/10 sqm)	145.05	116.90	sqm	16956.35
12	15.2.2	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)	234.53	2434.25	Cum	570904.65
13	15.60	Disposal of building rubbish / malba / similar unserviceable, dismantled or waste materials by mechanical means, including loading, transporting, unloading to approved municipal dumping ground or as approved by Engineer-in-charge, beyond 50 m initial lead, for all leads including all lifts involved	144.35	263.95	Cum	38101.18
14	16.47.1	Painting runway/taxi track/apron marking with adequate nos of coats to give uniform finish with road marking paint of superior make as approved by the Engineer-in-charge, i/c cleaning the surface of all dirt, scales, oil, grease and other foreign material etc. and lining outcomplete. New work (Two or more coats)	380.37	188.20	sqm	71585.63
15	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.	407.67	199.35	Sqm	81269.01
16	16.91.2	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 & direction of Engineer in-Charge. 80mm thick Cement concrete paver block of M-30 grade with approved colour, design & pattern	7081.07	1091.50	Sqm	7728987.91
17	AR on 16.93	Providing and placing in position 50 mm thick factory made machine batched & machine mixed Precast RCC Rectangular Covers on drains of footpath of various sizes, of M-25 grade cement concrete for RCC work, including cost of centering, shuttering, reinforcement of 8 mm dia TMT bars of Fe 500 grade @ maximum 100mm c/c on both ways , neat cement punning on finished surface, properly encased on all edges with 1.6 mm thick , 100 mm wide MS sheet duly painted over priming coat , reinforcement to be welded at edges with MS sheet and providing 2 Nos. 12 mm dia bar for hooks etc i/c cost of cartage, all leads & lift, handling at site etc. all complete as per direction of Engineer-in-Charge.	19.34	2525.90	Sqm	48850.91
18	18.9.9	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply including all CPVC plain & brass threaded fittings. This includes jointing of pipes & fittings with one step CPVC solvent cement, trenching, refilling & testing of joints complete as per direction of Engineer in Charge : External work. 100mm nominal inner dia. Pipes.	260.00	3271.70	each	850642.00
19	19.19.4.1	Providing and fixing in position pre-cast R.C.C. manhole cover and frame of required shape and approved quality. EHD - 35. Circular shape 560 mm internal dia.	16.00	2123.80	each	33980.80

20	19.26.1	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) : Rectangular manhole 90x80 cm with rectangular cover 600x450 mm of grade LD - 2.5	35.00	2625.50	each	91892.50
21	19.26.3	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) : Rectangular manhole 120x90 cm with circular cover 560 mm dia of grade HD - 20	16.00	3881.50	each	62104.00
22	19.27.1	Constructing brick masonry road gully chamber 50x45x60 cm with bricks in cement mortar 1:4 (1 cement : 4 coarse sand) including 500x450 mm pre-cast R.C.C. horizontal grating with frame complete as per standard design : With common burnt clay F.P.S. (non modular) bricks of class designation 7.5	26.00	5957.90	each	154905.40
(PART-A)Total Rs.						10587100.17

PART-B (RWH Drainage Work)

S.N O	DSR Code	Description	Quantity	Rate	UNIT	Amount
1	2.8.1	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.All kinds of soil	821.67	395.30	cum	324806.15
2	2.25	Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20cm in depth, consolidating each deposited layer by ramming and watering, lead up to 50 m and lift upto 1.5 m	776.44	196.00	cum	152182.00
3	4.1.2	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : 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)	2.00	7878.50	Cum	15757.00
4	4.1.10	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : 1:5:10 (1 cement : 5 coarse sand(zone-III) derived from natural sources : 10 graded stone aggregate 40 mm nominal size derived from natural sources)	76.29	6518.60	Cum	497303.99
5	6.1.2	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in foundation and plinth in: Cement mortar 1:6 (1 cement : 6 coarse sand)	10.00	7132.25	cum	71322.50
6	10.25.2	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	100.00	172.60	kg	17260.00
7	13.4.1	12 mm cement plaster of mix : 1:4 (1 cement: 4 coarse sand)	50.00	357.35	Sqm	17867.50
8	15.6	Disposal of building rubbish / malba / similar unserviceable, dismantled or waste materials by mechanical means, including loading, transporting, unloading to approved municipal dumping ground or as approved by Engineer-in-charge, beyond 50 m initial lead, for all leads including all lifts involved	197.81	263.95	Cum	52211.95
9	18.9.10 AR	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply including all CPVC plain & brass threaded fittings. This includes jointing of pipes & fittings with one step CPVC solvent cement, trenching, refilling & testing of joints complete as per direction of Engineer in Charge : External work 150 mm nominal inner dia. Pipes	450.00	380	Metre	171000.00
10	AR	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply including all CPVC plain & brass threaded fittings. This includes jointing of pipes & fittings with one step CPVC solvent cement, trenching, refilling & testing of joints complete as per direction of Engineer in Charge : External work 200 mm nominal inner dia. Pipes	500.00	560	Metre	280000.00
11	AR	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply including all CPVC plain & brass threaded fittings. This includes jointing of pipes & fittings with one step CPVC solvent cement, trenching, refilling & testing of joints complete as per direction of Engineer in Charge : External work 250 mm nominal inner dia. Pipes	263.00	850	Metre	223550.00

12	19.4.1.1	Providing and fixing square-mouth S.W. gully trap class SP-1 complete with C.I. grating brick masonry chamber with water tight C.I. cover with frame of 300 x300 mm size (inside) the weight of cover to be not less than 4.50 kg and frame to be not less than 2.70 kg as per standard design :100x100 mm size P type	73.00	2707.65	each	197658.00
13	19.27.1	Constructing brick masonry road gully chamber 50x45x60 cm with bricks in cement mortar 1:4 (1 cement : 4 coarse sand) including 500x450 mm pre-cast R.C.C. horizontal grating with frame complete as per standard design : With common burnt clay F.P.S. (non modular) bricks of class designation 7.5	23.00	5957.90	Each	137031.70
14	19.28.1	Constructing brick masonry road gully chamber 45x45x77.5 cm with bricks in cement mortar 1:4 (1 cement : 4 coarse sand) with pre-cast R.C.C. vertical grating complete as per standard design : With common burnt clay F.P.S. (non modular) bricks of class designation 7.5	20.00	6889.90	Each	137798.00
			(PART-B) Total Rs.			2295748.79
(Part A+B)Grand Total Rs. 1,28,82,849/-						
Rupees: (One Crore Twenty Eight Lakhs Eighty Two Thousand Eight Hundred Fourty Nine only)						
Percentage Rate Quoted:- _____						