

Name of Work: Construction of Community Toilet Blocks at costal road,Lala Lajpatrai Marg , in G/South Ward.						
Sr. No.	Item no.	Item Description	Quantity	Rate	Unit	Amount
SUBSTRUCTURE						
MicroPiling						
		Providing and Casting RCC bored cast in-situ Vertical as per IS 2911 (Part 1, Section 2) by boring through all kinds of soils/ Sand /Rock by rotary hydraulic rigs using temporary casing up to stable strata / bentonite mud circulation as specified, from tip to cut-off elevation of piles. Reinforced Cement Concrete work of filling the bore (after placement of reinforcement cage as per drawing) with M25 grade Ready Mix Concrete using 43 Grade Ordinary Portland Cement confirming to IS : 8112, of approved make and brand with minimum cement content of 400 kg/m3 and with water -cement ratio, including the water contained in aggregates (10mm to max 20mm size), not exceeding 0.45, with approved plasticizer as specified, including placing of concrete from tip to minimum of 600mm above the specified cut-off level, breaking pile head to cutoff level and exposing pile reinforcement for embedment in pile cap, Disposing & levelling of bored/excavated material suitably at locations approved by the local authorities including all lead and lifts, all complete for piles having diameter				
1	R3-CS-PLG-1-1-a-1	400 dia	1200.00	4225.00	Rmt	5070000
2	R3-CS-PLG-2-4-a	Extra over rate for items CS-PLG-2-4 using M40 instead of M25--400mm dia	1200.00	124	Rmt	148800
3	R3-CS-PLG-3.0	Empty boring through over burden including road crust upto the bottom of pile cap for all diameters of	80.00	3410.00	Rmt	272800

4	R3-CS-PLG-5.1	Providing and installing in position permanent M.S. liners for piles of specified diameter and fabricated from 6.0mm to 8.0mm thick plates as per detailed drawings and designs including cutting, bending to required shape, welding, painting with Red Oxide paint etc. complete as specified and directed				
			50.55	90372.00	MT	4567894
5	R3-CS-PLG-16.8	Conducting Initial Load Test (Compression) up to maximum test load of 2.5 times the safe load capacity on single pile as specified in accordance with IS 2911 part-4 including preparation of pile head for testing, necessary excavation, jacks, kentledge, accessories, measuring devices, recording of results, labour, submission of test report etc. complete, but excluding the cost of installation of pile (insallation of pile shall be paid seperately) etc.all complete as per the specification, drawing and as directed by the Engineer in charge for the following- Vertical Compression Test- 400mm dia				
			2.00	319000.00	Nos	638000
6	R3-CS-PLG-14	Carrying out low strain pile integrity test on 300mm/350mm/400mm diameter pile including all arrangements for test, equipments/accessories,materials, labour, submission of test report etc but excluding the cost of installation of job pile (installation of pile shall be paid seperately as per releventitems)all the complete as specification and as per directed by the engineer-in-charge	40.00	1650.00	Nos	66000

7	R3-CS-PLG-21.1	Conducting routine vertical load test for 1.5 times safe load carrying capacity by means of High Strain Dynamic Load Test including provision and erection of crane-hammer-drop mechanism, acceleration and displacement velocity transducers to record both force and velocity including excavation, dewatering, preparation of pile head including building up of pile, additional reinforcement if any etc. all complete as per approved method (ASTM D4945-89), submission of test report, specifications and instructions of the Engineer for piles of following diameter : 400mm dia	2.00	110000.00	Nos	220000
8	R3-CS-PLG-17.1	Carrying out Initial Lateral Load Test on vertical (Initial/test) piles up to maximum test load of 2.0 times the safe lateral load capacity on single pile as specified in accordance with IS 2911 part-4 including all necessary arrangements such as jacks, measuring devices, etc. complete as required.(For this test if adjoining piles is used for drawing support for test then the arrangements shall be made to record deflection, submission of test report etc. of both the piles. However, testing both these piles will be considered as one test only. Providing and installing test piles measured separately)-400mm dia	2.00	165000.00	Nos	330000

9	R3-CS- CW-35-c	Providing and fixing in position steel bars reinforcement of various diameters for R.C.C. pile, pile caps, footings,raft,retainingwall,shear wall, lift wall, foundations, slabs, beams, columns, canopies, staircases, newels, chajjas, lintels, pardies, coping, fins, arches, etc. as per detailed designs, drawings and bar bending schedules,including straightening, cutting, bending, hooking the bars, binding with wires or tack welding, supporting as required etc. all complete at all levels. Thermo-Mechanically Treated steel bars. (Fe 500 D)	15.00	80080.00	MT	1201200
10	R3-BW-5-7-f	Providing and applying CPCC anticorrosive treatment as per the Indian patent No. 481/DEL93. Dated 13/05/93 and Indian patent No. 258/DEL/92, Dated 25/03/92 to Mild and HYSD bar reinforcement cut and bent to the required length, shape and size including chemical, labours, transportation of steel bars for treatment and bringing back the same for fixing in position with all accessories and material required for giving the treatment etc. complete as specified and directed.	15.00	11530.00	MT	172950
			Micropiling work			12687644

11	R3-CS-EW-1	Excavation for foundations, substructures, basements, tanks, sumps, walls, chambers, manholes, trenches, poles, pits & general building works in all types of soils, vegetable earth, soft murum, running sand, shingle, turf clay, loam, peat, ash, shale, slag, chalk, garbage, muddy/ marshy/ slushy soil, marine clay, reclaimed land etc. for depths/lifts upto 1.5M measured from the ground level, including dressing/ trimming the sides, leveling and ramming of bottoms, manual dewatering, removing rank vegetation, backfilling in layers not more than 200mm thickness, watering, consolidating, compacting to achieve not less than 97% Modified Proctor density conforming to relevant IS, stacking the selected material in measurable heaps for future use within owners space or disposing within an initial lead of 150m as directed, loading, unloading, leveling excluding shoring, strutting etc. complete as directed by Engineer-in-Charge. Note: 1) The rate includes the handling/supporting the existing	500.00	387.00	CUM	193500
12	R3-CS-EW-26	Providing & Laying dry stone Rubble Soling with average 230 mm size hard stone set in regular lines, handpacked and interstices thoroughly filled with small chips including filling in with good quality murum brought from outside, compacting with iron rammers, watering, sand spreading 12mm thk. layer of grit on top etc complete as directed by Engineer In Charge. (Note: The rate includes the royalty and other taxes if any)				
		for UG Tank raft	179.60	2434.00	CUM	437144
13	R3-SE-1-2	Providing watching fencing etc. to trench excavation per running meter length of trench as per drawing and as directed by Engineer.	100.00	446.00	Rmt	44600

14	R3-CS-AT-1	Providing Pre-constructional anti - termitetreatment conforming to IS-6313(partII) using chloropyrifos EC20 Emulsion or equivalent of 1 % concentration by weight forcreating barrier under and all around foundation pits, wall trenches, basement excavation, backfilling immediate contact with foundation and treating the top surface of plinth filling, junction of wall & floor, along the external perimeter of building, expansion joints, surrounding of pipes, water conduits and at places suggested and as directed by Engineer-In-Charge covering 10 years guaranty.(plinth area should be considered for measurement and payment.)	350.00	187	Sqm	65450
15	R3-CS-CW-3-a-2	Providing and laying in position ready mixed plain cement concrete, with cement content as per approved design mix by Engineer-in-charge and manufactured in fully automatic batching plant and transported to site of work in transit mixer for all leads, having continuous agitated mixer, manufactured as per mix design of specified grade for plain cement concrete work, including pumping of R.M.C. from transit mixer to site of laying and curing, including the cost of centering, shuttering and finishing, including cost of curing, admixtures in recommended proportions as per IS : 9103 to accelerate/ retard setting of concrete, improve workability without impairing strength and durability as per direction of the Engineer - in - charge.				
		M-15 grade plain cement concrete (cement content considered @ 240 kg/cum as per IS 456 table showing minimum cement content).				
		For raft n Peripery	117.13	6002	CUM	703013

16	R3-CS-CW-7-a	Providing and laying in position mixer mix M-20 grade cement concrete for reinforced cement concrete work, using cement content as per approved design mix, including pumping of concrete to site of laying and the cost of centering, shuttering, finishing and excluding reinforcement, including admixtures in recommended proportions as per IS: 9103 to accelerate, retard setting of concrete, improve workability without impairing strength and durability as per direction of Engineer-in-charge. The Mix design as per particular specifications shall be got approved by Engineer-in-Charge before execution of the item. The rate shall include cost of all specified materials and operations at all levels and heights, including the cost of centering, shuttering and and excluding reinforcement which shall be paid under relevant item. (Note :- Cement content considered in this item is @ 300 kg/cum as per IS 456 table showing minimum cement content. No extra will be paid nor any amount will recovered on account of variation of cement in mix design as per specifications for				
		For UG Tank raft (5*4)	8.00	7056.00	CUM	56448

17	R3-CS-CW-7-b	Providing and laying in position mixer mix M-20 grade cement concrete for reinforced cement concrete work, using cement content as per approved design mix, including pumping of concrete to site of laying and the cost of centering, shuttering, finishing and excluding reinforcement, including admixtures in recommended proportions as per IS: 9103 to accelerate, retard setting of concrete, improve workability without impairing strength and durability as per direction of Engineer-in-charge. The Mix design as per particular specifications shall be got approved by Engineer-in-Charge before execution of the item. The rate shall include cost of all specified materials and operations at all levels and heights, including the cost of centering, shuttering and and excluding reinforcement which shall be paid under relevant item. (Note :- Cement content considered in this item is @ 300 kg/cum as per IS 456 table showing minimum cement content. No extra will be paid nor any amount will recovered on account of variation of cement in mix design as per specifications for				
		Walls (any thickness) including attached buttresses, retaining wall, shear wall, diaphragm wall , trench, pit walls, etc				
		UGWT	9.00	10793.00	Cu.m.	₹ 97,137.00

18	R3-CS-FL-13-a	Providing and laying Indian patent stone flooring 40 mm thick with M-15 grade concrete using 6 mm to 20 mm metal over bedding laid in proper grade and slope or over the slab, including compaction, marking lines, to give appearance of tiles as per the approved pattern, finishing smooth with cement slurry as mentioned below, curing etc. complete.				
		In plain natural/ grey colours.				
		UGWT	20.00	485.00	Sq.m	₹ 9,700.00

19	R3-CS-PL-08-c	Providing and applying 20 mm thick internal sand faced cement plaster at all heights and locations in cement mortar specified below in two coats for masonry (except stone masonry) and concrete surfaces including racking out joints, hacking of concrete surface, watering, finishing, curing, scaffolding etc complete as directed By Engineer In Charge.				
		In cement mortar 1:4				
		UGWT	23.40	519.00	Sq.m.	₹ 12,144.60
20	R3-CS-WP-25	Providing and installing crystalline waterproofing treatment to inside surfaces of the water retaining structures VERTICAL SURFACES : a) Treatment shall consist of preparation of surfaces including 'V' grooves at junctions and joints, pressure grouting the same and curing for specified period. b) Applying two coats of approved crystalline waterproofing compound at specified intervals as recommended by manufacturer and as directed by Engineer-in charge and allowed to cure. c) Extra for Plastering of walls and finishing smooth with 15 mm thick cement mortar 1:4 (1 cement : 4 fine sand) admixed with approved waterproofing compound in recommended proportions. HORIZONTAL SURFACES : d) Extra for Laying of 30 mm average thick cement concrete of mix 1:2:4 (1 cement : 2 coarse sand : 4 coarse aggregate of 12.5mm nominal size) admixed with approved waterproofing compound in recommended proportions, on floors to required gradient, including				
		UGWT	52.62	2576.00	Sqm	₹ 1,35,549.12
			Substructure Total			₹ 17,54,685.08
SUPERSTRUCTURE						

21	R3-CS-CW-7-d	Providing and laying in position mixer mix M-20 grade cement concrete for reinforced cement concrete work, using cement content as per approved design mix, including pumping of concrete to site of laying and the cost of centering, shuttering, finishing and excluding reinforcement, including admixtures in recommended proportions as per IS: 9103 to accelerate, retard setting of concrete, improve workability without impairing strength and durability as per direction of Engineer-in-charge. The Mix design as per particular specifications shall be got approved by Engineer-in-Charge before execution of the item. The rate shall include cost of all specified materials and operations at all levels and heights, including the cost of centering, shuttering and and excluding reinforcement which shall be paid under relevant item. (Note :- Cement content considered in this item is @ 300 kg/cum as per IS 456 table showing minimum cement content. No extra will be paid nor any amount will recovered on account of variation of cement in mix design as per specifications for				
		Lintels, beams, plinth beams, girders, floor beam, coping.	82.00	9506.00	Cu.m.	₹ 7,79,492.00

22	R3-CS-CW-7-c	Providing and laying in position mixer mix M-20 grade cement concrete for reinforced cement concrete work, using cement content as per approved design mix, including pumping of concrete to site of laying and the cost of centering, shuttering, finishing and excluding reinforcement, including admixtures in recommended proportions as per IS: 9103 to accelerate, retard setting of concrete, improve workability without impairing strength and durability as per direction of Engineer-in-charge. The Mix design as per particular specifications shall be got approved by Engineer-in-Charge before execution of the item. The rate shall include cost of all specified materials and operations at all levels and heights, including the cost of centering, shuttering and and excluding reinforcement which shall be paid under relevant item. (Note :- Cement content considered in this item is @ 300 kg/cum as per IS 456 table showing minimum cement content. No extra will be paid nor any amount will recovered on account of variation of cement in mix design as per specifications for				
	.	Slabs, Suspended floors, roofs, landings, balconies, canopy and access platform	304.00	12270.00	Cu.m.	₹ 37,30,080.00

23	R3-CS-CW-7-e	Providing and laying in position mixer mix M-20 grade cement concrete for reinforced cement concrete work, using cement content as per approved design mix, including pumping of concrete to site of laying and the cost of centering, shuttering, finishing and excluding reinforcement, including admixtures in recommended proportions as per IS: 9103 to accelerate, retard setting of concrete, improve workability without impairing strength and durability as per direction of Engineer-in-charge. The Mix design as per particular specifications shall be got approved by Engineer-in-Charge before execution of the item. The rate shall include cost of all specified materials and operations at all levels and heights, including the cost of centering, shuttering and and excluding reinforcement which shall be paid under relevant item. (Note :- Cement content considered in this item is @ 300 kg/cum as per IS 456 table showing minimum cement content. No extra will be paid nor any amount will recovered on account of variation of cement in mix design as per specifications for				
		Columns, Pillars, Piers, Posts and Struts.	65.00	11568.00	Cu.m.	7,51,920.00
24	R3-CS-CW-19	Extra and over for providing richer RMC of M-40 grade cement concrete instead of M20 (Note :- Cement content considered in this item is @ 360 kg/cum as per IS 456 table showing minimum cement content.)				
		Same qty as above item no. 38,39,40,41	460.00	1544	Cu.m.	₹ 7,10,240.00

25	R3-BW-8-19	For all concrete in every part migrating, non-nitrite based corrosion inhibiting admixture shall be added at a dose of 3 kgs per cum of concrete. The admixture should protect both cathodic and anodic sites and have been accredited by Indian Roads Congress, recommended for use by Ministry of Road Transport & Highways and should have a 4 year track record of use in both the Gulf Region and India. Admixture should have evaluated test reports demonstrating a corrosion rate of zero coulombs after 9 test cycles as per ASTM G 109 when tested from a research institution NBA accredited Grade A and internationally ranked among top 5 research institutions in the world in Annual Survey conducted by Georgia Institute of Technology ranking of research institutions. pH of admixture should be alkaline in nature, specific gravity of 0.99 – 1.1, colour : brownish. complete as directed by the Engineer in charge. The contractor must intimate the engineer in charge prior to addition in concrete for recording. If the admixture is put in the concrete mix at the batching plant, a written				
		Same qty as above item no. 38,39,40,41	460.00	382.00	Kg	₹ 1,75,720.00
26	R3-CS-WP-20	Providing and laying damp-proof course 50mm thick with cement concrete 1:2;4 (1 cement : 2 coarse sand : 4 graded stone aggregate 12.5mm nominal size) including water proofing material in cement concrete work in doses by weight of cement as per manufacturer's specification				
		Plinth area	350.00	441	Sqm.	₹ 1,54,350.00
			.			

27	R3-CS-PL-08-c	Providing and applying 20 mm thick internal sand faced cement plaster at all heights and locations in cement mortar specified below in two coats for masonry (except stone masonry) and concrete surfaces including racking out joints, hacking of concrete surface, watering, finishing, curing, scaffolding etc complete as directed By Engineer In Charge.				
		In cement mortar 1:4	3122.20	519	Sqm	1620424
28	R3-CS-MW-33	Providing and laying autoclaved aerated (cellular) cement blocks masonry with more than 100 mm thick AAC blocks in cement mortar 1:4 (1 cement : 4 coarse sand) including RCC stiffeners. The rate includes providing and placing in position 2 Nos 6 mm dia M.S. bars at every third course of masonry work, racking of joints, scaffolding and curing,etc. completed as directed by Engineer-in-Charge.				
		Mens & Female Toilet block	233.95	8822	Cum	2063920
29	R3-CS-PL-15-b	Providing and applying 20 mm thick external sand faced cement plaster upto 10m from ground level and at all locations in cement mortar proportion specified below in two coats for masonry (except stone masonry) and concrete surfaces including providing water proofing compound to the first coat of plaster as per manufacturers specification, racking out joints, hacking of concrete surface, finishing, curing, scaffolding, etc complete as directed By Engineer In Charge.				
		In cement mortar 1:4 /Outer wall	895.00	520	Sqm	465400

30	R3-CS-PL-05	Providing and applying 12 mm thick internal plaster in cement mortar 1:3 with neeru finish at all heights and locations in one coat for masonry (except stone masonry) and concrete surfaces including racking out joints, hacking of concrete surface, watering, finishing, curing, scaffolding etc. complete.				
		Mens & Female Toilet block	4615.60	427	Sqm	1970863
31	R3-CS-PN-10	Providing and applying first coat of approved Waterproof primer, and two coats of waterproof acrylic based textured exterior paint of an approved make and colour as per manufacturers specifications to textured sand faced or other surfaces, upto 10m height from ground level and at all locations as directed including preparing surfaces for painting by any approved means, scaffolding, cleaning and curing etc. complete as directed by Engineer-in-charge				
			4615.60	236.00	Sq.m.	1089282
32	R3-CS-PN-4- a	Providing and applying first single coat of approved primer and two coats of synthetic enamel paint/flat oil paint of an approved make and colour as per manufacturers specifications to surfaces specified below, at all height and locations as directed including scaffolding, cleaning and preparing surfaces for painting by any approved means etc. complete as directed by Engineer-in-charge.				
		For plastered wall surface				
			#####	187.00	Sq.m	8,63,117.85

33	R3-CS-FL-32-a	Providing and fixing 8mm thk. ceramic tiles as specified below conforming to I.S. 15622-2006 of approved quality, pattern and colour for dado in the wet area including preparing the surface and levelling in the desired line, backing of 20 thk. cement mortar in porportion 1:3 with approved waterproofing compound, square cut top edge or chamfered top edge in cement mortar 1:3, cement float, machine cutting, leveling, jointing, filling the joints with neat cement slurry or approved colour grout, finishing, curing etc complete as directed by Engineer In Charge.				
		Light coloured glazed ceramic tiles				
		8mm thick Anti skid tiles	218.40	1566.00	Sq.m.	342014
34	R3-CS-FL-9-c	Providing and laying 800 x 800 x 9 to 10 mm thk. vitrified tiles as specified below conforming to I.S.15622-2006 with water absorbtion less than 0.08% for flooring of an approved, quality, make, pattern and size for flooring including cement mortar bedding of 25 mm thick in 1:4 proportion, cutting, leveling, jointing, filling the joints by neat cement slurry or approved colour grout, curing, finishing etc complete as directed by Engineer In Charge.				
		Light coloured antiskid / matt vitrified tiles				
		Passage	349.00	1728.00	Sq.m.	₹ 6,03,072.00
35	R3-CS-CW-6-b	Providing precast cement concrete Jali of Nominal Mix 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 6mm nominal size) reinforced with 1.6 mm dia mild steel wire including centering and shuttering, roughening cleaning, fixing and finishing in cement mortar 1:3 (1 cement: 3 fine sand) etc. complete excluding plastering of the jambs, sills and soffits.				
		50 mm thick R.C.C. Jali for window	21.60	1997.00	Sq.m	43,135.20

36	R3-CS-FL-28-m	Providing and fixing polished natural stone tiles as specified below of approved quality, pattern and colour for dado including preparing the surface and levelling in the desired line, backing of 20 thk. cement mortar in porportion 1:3, square cut top edge or chamfered top edge in cement mortar 1:3, cement float, machine cutting, leveling, jointing, filling the joints with neat cement or pigment mixed with cement, polishing, finishing, curing etc complete as directed by Engineer In Charge.				
			150.00	3050.00	Sq.m	457500
37	R3-CS-WP-24	Waterproofing the terrace slabs with average 100 mm thick, brick bats laid in cement mortar bed 1:4 filled with mortar 1:4 of total thickness 100 mm, laid to slope (1:100) with vata 15 cm, at the junction of walls with broken China mosaic flooring set in cement mortar (1:4) 40 mm thick with admixture, of approved water proofing compound, as per manufacturers specification laid after grouting the slab, finishing curing etc. complete as directed and specified. (Horizontal measurement clear between walls will be paid for).				
		Terrace floor	350.00	1418	Sqm	496300

38	R3-CS-WP-37	Providing waterproofing treatment through specialized agencies as per their specifications to the flooring of water closets, bathrooms, kitchen, nahanies, washing places, sanitary blocks etc. by giving INJECTIONS with cement solution with water proofing compound into the floor slab so as to make it consistent, homogeneous and impervious against leakage, seepage etc. The sunk portion shall then be covered with brickbat waterproof coba in 1:5 c.s. of required thickness with necessary gradient for easy flow of water. Finally the floor shall be covered with joint less waterproof cement plaster in 1:3 c.s. 12 mm to 15 mm thick finished rough for receiving tiles. The average thickness of complete treatment shall not be less than 100 mm. The soil pan area will not be deducted. (After completion of work leakage test shall be carried out after impounding the water for 7 days without any extra cost. The actual treated area will be measured and paid for)				
		Male,Female & Floor	390.00	619	Sqm	241410
39	R3-CS-FL-40-e	18mm thk. green marble for width upto 150 mm	50.00	401	Rmt	20050
40	R3-CS-FL-40-p	18mm thk. green marble for width upto 300 mm	45.00	631	Rmt	28395
41	R3-CS-PV-03	Providing and Fixing to frames 30mm thick Fiber glass Reinforced Plastic (F.R.P.) flush door shutter in different plain and wood finish made with fire retardant grade unsaturated polyester resin, moulded to 3mm thick FRP laminate all around, with suitable wooden blocks inside at required places for fixing of fittings and polyurethane foam (PUF) / Polystyrene foam to be used as filler material throughout the hollow panel, casted monolithically with testing parameters of F.R.P. laminate.	55.44	3159	Sqm	175135

42	R3-CS-PV-02	Providing and fixing to frames 30 mm thick Fibre Glass Reinforced Plastic (FRP) panelled / extruded profiled door shutter of approved colour, brand and manufacture, made with fire - retardant grade unsaturated polyester resin, moulded to 3 mm thick FRP laminate for forming hollow rails and styles, with wooden frame and suitable blocks of seasoned wood inside at required places for fixing of fittings, cast monolithically with 5mm thick FRP laminate for panels conforming to IS: 14856 - 2000 etc complete as directed.				
		Male & female	15.84	2287	Sqm	36226
43	R3-CS-HW-04-d-1	Providing and fixing butt hinges as described below, manufactured as per relevant IS for door & windows with necessary materials and labour costs etc. complete D] Standard Stainless Steel hinges				
		75 mm Long	111	50	Nos	5550
44	R3-CS-HW-09-d-1	Providing and fixing handles as described below, manufactured as per IS:208-1992 for doors and windows and with necessary materials and fixtures like screws etc. and all labour etc. complete. D] Standard Stainless Steel	40	48	Nos	1920
		100 mm long.				
45	R3-CS-HW-06-d-1	Providing and fixing aldrops of 16 mm diameter bars manufactured as per IS:2681-1991, wherever they apply for doors and windows with necessary materials and labour etc. complete.	40	362	Nos	14480
		250 mm long				

46	R3-CS-FL-80	Providing & fixing 20 +mm thick machine cut mirror polish 1st quality Granite treads 300mm wide for staircase (black galaxy or approved) including grooves and edge moulding & polishing with backing coat of 1:4 cement plaster/mortar/cement paste, cleaning etc. complete as per Architects details drawing and design (Basic rate of granite is Rs.220/- Sq.ft.)				
		staircase tread	20	2263	Rmt.	45260
		staircase riser	21	2263	Rmt.	47523
		Entrance	12	2263	Rmt.	27156
47	R3-CS-FL-04-c	Providing and laying rough natural stone tiles 25 mm to 30 mm thick of an approved quality and size for paving / flooring including cement mortar bedding of 25 mm thick in 1:4 proportion, cement float, pointing in cement mortar 1:3, cutting, dressing, leveling, jointing, pointing, curing, finishing etc complete as directed by Engineer In Charge.				
		25 to 30 mm thk. rough Kota stone	350.00	990	Sqm	346500
48	R3-CS-SL-04	Providing and fixing in position collapsible steel gates with vertical channels 20 x 10 x 2 mm & braced with flat iron diagonals 20 x 5 mm size, top & bottom T section 40 x 40 x 6 mm size, 30 mm steel pulleys complete with bolts-nuts, locking arrangements, stoppers, handles and painting with one coat of red oxide zinc chromate primer and two coats of synthetic enamel paint including all labour, materials, tools and equipments, etc complete as directed by Engineer Incharge.				
		Collapsible gate Main gate	33.60	9250.00	Sq.m	₹ 3,10,800.00

49	R3-CS-SS-32	Providing & fixing S.S. pipe hand rail along the wall in staircase or ramps or passages consisting of 50 mm dia. 18 gauge 304 grade stainless steel pipe. Supported with 25 mm 18 gauge S.S. pipe (304grade) brackets & 5mm thick tapered edge collar base plate fixed to wall with SS screws at approx. 600 mm center to center fixed horizontally or in inclined position at required height including grinding the welded joints, buffing,protecting the railing members by means of wrappers during construction etc. complete as per detailed drawing as directed by the Engineer in charge.				
		For Staircase(Outer side)	58.70	1473	R.m	₹ 86,465.10
50	R3-HE-8-12	Supplying & fixing on chambers, 90 cms. x 45 cms.C.I. rectangular, heavy frame and cover weighing between 223 kg.to 247 kg etc. complete in all respect and as directed by Engineer In Charge.				
		for under ground water tank cover.	2.00	30789	Nos	₹ 61,578.00
51	R3-CS-PS-1-b	Providing and fixing water closet squatting pan (Indian type W.C. pan) with 100mm sand cast Iron P or S trap, 10 litre low level white P.V.C. flushing cistern, including flush pipe, with manually controlled device (handle lever) conforming to IS : 7231, with all fittings and fixtures complete including cutting and making good the walls and floors wherever required :				
		White Vitreous china Orissa pattern W.C. pan of size 580x440mm with integral type foot rests..	8.00	14461.00	Each	₹ 1,15,688.00

52	R3-CS-PS-2-a	Providing and fixing white vitreous china pedestal type water closet (European type W.C. pan) with seat and lid, 10 litre low level white P.V.C. flushing cistern, including flush pipe, with manually controlled device (handle lever), conforming to IS : 7231, with all fittings and fixtures complete including cutting and making good the walls and floors wherever required :	19.00	8007.00	Each	₹ 1,52,133.00
		W.C. pan with ISI marked white solid plastic seat and lid				
53	R3-CS-PS-244	Providing and fixing JAQUAR MAKE metropole flush valve Dual Flow Concealed type with control cock operation plate 40 mm size etc. Complete	35.00	7588	NOS	265580
54	R3-CS-PS-22	Providing and fixing white vitreous china flat back or wall corner type lipped front urinal basin of 430x260x350mm or 340x410x265mm sizes respectively.	12.00	2241	each	26892
55	R3-CS-PS-7-a	White Vitreous China Wash basin size 630x450 mm with a single 15 mm C.P. brass pillar taps.	21.00	3858	each	81018
56	R3-CS-PS-222	75 mm C.I nahani trap with grating with 75 mm C.I. bend with cleaning caps fixed complete	35.00	3177	NOS	111195
57	R3-CS-PS-100-a	Providing and fixing C.P. brass shower rose with 15 or 20 mm inlet :				
		100 mm diameter	5.00	564	Each	₹ 2,820.00
58	R3-CS-PS-68-a	Bottle trap 31mm single piece moulded with height of 270mm, effective length of tail pipe 260mm from the centre of the waste coupling 77mm breadth with 25mm minimum water seal, weighing not less than 260gms. Adding Sr.no. 51 & 52	19.00	464	Each	₹ 8,816.00
59	R3-CS-PS-27-a-2	Providing and fixing P.V.C. waste pipe for sink or wash basin including P.V.C. waste fittings complete. 40 mm dia	19.00	73.00	Each	₹ 1,387.00

60	R3-CS-PS-143	Providing and fixing PTMT soap Dish Holder having length of 138mm,breadth 102mm, height of 75mm with concealed fitting arrangements,weighing not less than 106 gms.	5.00	174.00	Each	₹ 870.00
61	R3-CS-PS-261	Providing and fixing ISI marked make CP brass liquid soap dispensers with CP brass bracket capacity 250 ml.	19.00	2748.00	Each	₹ 52,212.00
62	R3-CS-PS-33-b	Providing and fixing toilet paper holder Vitreous china	19.00	1960.00	Each	₹ 37,240.00
63	R3-CS-PS-71-b	Providing and fixing PTMT towel rail complete with brackets fixed to wooden cleats with CP brass screws with concealed fitting arrangement of approved quality and colour				
		600mm long towel rail with total length of 645mm, width 78mm and effective height of 88mm, weighing not less than 190gms	8.00	2028.00	Each	₹ 16,224.00
64	R3-CS-PS-166-a-2	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 With Sewer bricks conforming to IS : 4885	32.00	3235.00	Each	₹ 1,03,520.00
65	R3-CS-PS-31-b	Providing and fixing mirror of superior glass (of approved quality) and of required shape and size with plastic moulded frame of approved make and shade with 6 mm thick hard board backing :				
		Rectangular shape 453x357mm	8.00	2148.00	Each	₹ 17,184.00

66	R3-CS-PS-163-b	Providing, laying and jointing glazed stoneware pipes class SP-1 with stiff mixture of cement mortar in the proportion of 1:1 (1 cement : 1 fine sand) including testing of joints etc. complete :				
		150 mm diameter w.c.	100.00	648.00	R.m.	₹ 64,800.00
67	R3-CS-PS-163-d	Providing, laying and jointing glazed stoneware pipes class SP-1 with stiff mixture of cement mortar in the proportion of 1:1 (1 cement : 1 fine sand) including testing of joints etc. complete :				
		250 mm diameter	32.00	1175.00	R.m.	₹ 37,600.00
68	R3-CS-PS-164-d	Providing and laying cement concrete 1:4:8 (1 cement : 5 coarse sand : 10 graded stone aggregate 40 mm nominal size) all-round S.W. pipes including bed concrete as per standard design :				
		150 mm diameter S.W. pipe	64.00	1370.00	R.m.	₹ 87,680.00
69	R3-CS-RW-16-b	Providing and fixing UV resistant selffit UPVC pipes of approved make for Rainwater downtakes confirming to IS13592:1992 Type A suitable for 4kg/sqcm pressure for following pipe diameters including rain water receiving recess with pvc plug bend necessary fittings such as offsets shoes, fixing the pipe on wall with clips filling the joints with solvent/cement and necessary scaffolding etc. complete as directed by Engineer In Charge. 110mm diameter	102.00	339	R.m	₹ 34,578.00
70	R3-CS-PS-132-a	Providing and fixing PTMT bib cock of approved quality :				
		15 mm nominal bore (24+4)	42.00	123.00	Each	₹ 5,166.00
71	R3-CS-PS-133-a	PTMT FITTINGS Polytetramethlene Terephthalate (THERMOPLASTIC)				
		PTMT Stop cock of approved quality and colour. 15 mm nominal bore, 86 mm long, weighing not less than 88gms.	25.00	301.00	Each	₹ 7,525.00

72	R3-CS-PS-95-a	Providing and fixing gun metal gate valve with C.I. wheel of approved quality (screwed end) :				
		25 mm nominal bore	15.00	766.00	Each	₹ 11,490.00
73	R3-CS-PS-73	Providing and fixing PTMT 15 mm Urinal spreader size 95x69x100 mm with 1/2" BSP thread and shapes. Weighing not less than 60 gms.				
		For urinal	8.00	211.00	Each	₹ 1,688.00
74	CE3 - 06 - 2 - 3.2.12A	Providing and Fixing rigid PVC cowl cap supreme or equivalent make suitable for vent pipes above terrace level of 100 mm dia	32.00	70.00	Each	₹ 2,240.00
75	R3-CS-PS-169-a-2	Constructing brick masonry chamber for underground C.I. inspection chamber and bends with bricks in cement mortar 1:4 (1 cement : 4 coarse sand) C.I. cover with frame (light duty) 455x610 mm internal dimensions, total weight of cover with frame to be not less than 38 kg (weight of cover 23 kg and weight of frame 15 kg), R.C.C. top slab with 1:2:4 mix (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size), foundation concrete 1:4:8 (1 cement : 5 finesand : 10 graded stone aggregate 40 mm nominal size), inside plastering 12 mm thick with cement mortar 1:3 (1 cement : 3 coarse sand), finished smooth with a floating coat of neat cement on walls and bed concrete etc. complete as per standard design				
		Inside dimensions 455x610 mm and 45 cm deep for single pipe line :				
		With common burnt clay F.P.S. (non modular) bricks of class designation 7.5	25.00	10086.00	Each	₹ 2,52,150.00

76	R3-CS-PS-85-a	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and testing of joints complete as per direction of Engineer in Charge.				
		15 mm nominal outer dia Pipes - W.C.	140.00	217.00	R.m	₹ 30,380.00
77	R3-CS-PS-87-b	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				
		20 mm nominal outer dia Pipes((29.86+36.5)	132.72	211.00	R.m	₹ 28,003.92
78	R3-CS-PS-87-c	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				
		25 mm nominal outer dia Pipes	120.00	270.00	R.m	₹ 32,400.00
79	R3-CS-PS-87-d	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.				

		32 mm nominal outer dia Pipes	60.00	349.00	R.m	₹ 20,940.00
80	R3-HE-7-19-c	Providing and fixing gun metal ISI mark non-return valve Screwed End of following diameters etc complete in all respect etc complete in all respect as directed by Engineer in Charge 25 mm dia	15.00	881.00	Each	₹ 13,215.00
81	R3-HE-7-19-d	Providing and fixing gun metal ISI mark non-return valve Screwed End of following diameters etc complete in all respect etc complete in all respect as directed by Engineer in Charge 32 mm dia	12.00	1291.00	Each	₹ 15,492.00
			Superstructure Total		₹ 1,94,03,405.49	

SEWERLINE

82	R3-CS-EW-5	Excavation by using splitters for foundations, substructures, basements, tanks, sumps, walls, chambers, manholes, trenches, poles, pits & general building works in hard rock, reinforced concrete, for depths/lifts upto 1.5M, including drilling, breaking in small pieces, mucking, dressing/trimming the sides, leveling of bottoms, manual dewatering, removing rank vegetation, backfilling in layers not more than 200mm thickness, watering, consolidating, compacting to achieve not less than 97% Modified Proctor density conforming to relevant IS, stacking in measurable heaps for future use within owners space or disposing within an initial lead of 150m as directed by Engineer-in-Charge, loading, unloading, leveling excluding shoring, strutting etc. complete. Note: 1) The rate includes the handling/supporting the existing utilities such as cables, drains, pipes, water mains etc. 2) It also includes the royalty and other taxes if any.				
		(0.90*0.45)m Inspection chamber	24.27	4433.00	Cum	107576
		4" dia. M.H.				

83	R3-SE-1-1	Excavation in all types of soils (for sewerage works), such as Earth, Marine clay, Marshy land, Running sand, Garbage, Slush, Murum, Rock boulders etc as directed by the engineer. The rate includes dewatering, backfilling, removing the rank vegetation and removing the excavated materials within a lead of 150M as directed including levelling, ramming, etc complete, and measured from the edge of cutting including all lifts and stacking in layers and removing the surplus excavated materials as directed for lift upto 2M {Records to be maintained properly}. The rate also includes supporting public utilities such as cables, drains, pipe water mains, but shall not include the cost of shoring etc as specified and directed. 1) The rate includes the handling/supporting the existing utilities such as cables,				
		9" dia sewer line	197.98	610.00	Cum	120768
		(0.90*0.45)m Inspection chamber				
84	R3-SE-1-1-a	-do-do- as per item R3-SE-1-1 for lift from 2m to 4.0m				
		(0.90*0.45)m Inspection chamber	7.93	838.00	Cum	6645
85	R3-CS-EW-23	Providing & Laying dry stone Rubble Pitching with average 150 mm size and of minimum thickness 230 mm hard stone set in regular lines to form plane surface, handpacked and interstices thoroughly filled with small chips including providing and laying gravel quarry spells underneath for leveling undulations of the ground. etc complete as directed by Engineer In Charge. (Note: The rate includes the royalty and other taxes if any)				
		9" dia sewer line	118.24	547.00	Sqm	64677

86	R3-SE-2-1	Providing & laying M 10 c.c. For foundation/bedding including boxing, curing etc. complete as specified and as directed.	7.20	6421.00	Cum	46231
87	R3-SE-1-4	Providing and removing close shoring and strutting in the trenches/ pits for all depths as per specifications/ drawings and or as directed by Engineer-in-charge by including walling, struts, open poling boards, horizontal sheeting, runners, dog spikes by using timber etc. complete				
		9" dia sewer line	68.14	768.00	Sqm	52332
88	R3-RW-10-24	Supply & filling sand metal, GRAVELLY SAND, corresponded to CLASS II/ CLASS III GRADING of TABLE 100.1 of BMC road specifications for roadworks in trenches upto required depth & watering, ramming etc. complete as directed.				
			111.54	2251.00	CUM	251081
89	R3-SE-5-1-b	Providing & laying stoneware pipes of SP2 class including jointing with CM(1:1), filleting etc. complete as specified & directed.				
		9" dia sewer line	30.00	1113.00	Rmt	33390
90	R3-SE-2-5	-do- -do- M 15 c.c. For full encasement or cradle -do- - do-				
		9" dia sewer line	3.11	7719.00	Cum	23989

91	R3-SE-8-1	Constructing brick masonry inspection chamber rectangular 0.9M x 0.45M and 0.6M deep on sewer with 230mm brick walls in cement mortar 1:3 plastered both inside & outside with 20 mm thick cement mortar 1:2 and neat cement rendering so as to give a smooth surface including 230mm cement concrete bedding (M 15) and cement concrete (M 15) in haunches and channels finished smooth with 20 mm thick cement mortar (1:1) and fixing C.I. extra heavy duty airtight rectangular frame & cover of size 0.9M x 0.45M weighing minimum 225Kg. resting on 300 mm high c.c. cap M 20 with (1:1) cement plaster on both the sides & necessary C.I. steps (weighing 5.4 kg each) staggered at 300mm c/c. including 75 mm wide vata all round the external portion of the chamber and the foundation concrete in C.M. 1:1 etc. complete as per plan in Dy.Ch.E.(SP)P&D's office(without excavation) .				
			5.00	37244.00	Each	186220
92	R3-SE-8-1-a	Extra over above for every additional metre depth upto 2.5M -do- -do-etc. complete as specified and directed.	1.10			
			7.00	15737.00	m.depth	110159

93	R3-SE-6-1	Constructing on sewer brick masonry conical manholes 1.2M dia. at bottom 0.56 M. dia. at top, built in brick masonry in cement mortar 1:3, plastered both inside and outside with 20 mm thick cement mortar 1:2 and neat cement rendering so as to give a smooth surface, including 300 mm thick M.15 cement concrete in foundation and in haunches and channels finished smooth with 20mm thick cement plaster in cement mortar 1:1 and providing C.I. steps (weighing 5.4 kg each) staggered at 300 mm. c/c including 75mm wide vata all round the external portion of the manhole and the foundation concrete in cement mortar 1:1 and supporting the incoming pipes with brick masonry wherever necessary including C.I. extra heavy duty (EHD) air-tight circular frame & cover (minimum 230 Kg.) with hinge/chain				
			1.00	51133.00	Each	51133
94	R3-SE-6-1-a	Extra over Depth MH upto 1.50				
			1.00	17472.00	m.depth	17472

95	R3-RW-2-20	Providing & laying, spreading & compacting graded crushed stone aggregate to wet mix macadam to the satisfaction of Engineer including premixing the material with water to OMC in mechanical mix (pug mill) carriage of mix material by tipper to site, laying in uniform layer of 75 mm to 100 mm (compacted thickness each) with sensor paver finisher on prepared subbase & compacting with vibratory roller (10 tonne) to achieve desired density including lighting, guarding barricading & maintenance of diversion etc. as directed by the Engineer, (Rebate for not using sensor paver should be taken,(metal gradation from 53 mm to 75 micron as per prevailing MCGM specifications for Roadworks clause no.240).				
		9" dia sewer line	14.25	3338.00	Cum	47563
96	R3-RW-2-21	Providing & laying, spreading & compacting specified crushed stone in granular subbasecourse including premixing the material in mechanical mixer (pug mill or approved type),spreading of mixed material in uniform layer of 100 mm to 75 mm (compacted thickness each) with motor grader or paver on prepared murum surface & compacting with 10 tonne vibratory roller to achieve desired density including all material, labour, machinery,lighting, barricading to all lifts & lead,maintenance of diversion etc. complete (metal gradation from 75mm to 75 micron as per prevailing MCGM specifications for Roadworks clause no.210).				
		9" dia sewer line	9.29	2702.00	Cum	25109
97	R3-RW-2-22	Rebate for not using motor grader / paver for laying of Granular Sub base in R3-RW-2.21.	-9.29	114.00	Cum	-1059

98	R3-CS-CW-7-e	Providing and laying in position ready mixed design mix M-20 grade cement concrete for reinforced cement concrete work, using cement content as per approved design mix, including pumping of concrete to site of laying and the cost of centering, shuttering, finishing and excluding reinforcement, including admixtures in recommended proportions as per IS: 9103 to accelerate, retard setting of concrete, improve workability without impairing strength and durability as per direction of Engineer-in-charge. The Mix design as per particular specifications shall be got approved by Engineer-in-Charge before execution of the item. The rate shall include cost of all specified materials and operations at all levels and heights, including the cost of centering, shuttering and and excluding reinforcement which shall be paid under relevant item. (Note :- Cement content considered in this item is @ 300 kg/cum as per IS 456 table showing minimum cement content. No extra will be paid nor any amount will recovered on account of variation of cement in mix design as per specifications for controlled				
		Columns, Pillars, Piers, Posts and Struts	24.27	11568.00	Cum	280721
			Sewerline Total			1424005
Electrical						
99	R3-ME-1-6-b	125 Amp. 415V TPN Switchfuse unit with CRCA sheet steel powder coated enclosure with HRC fuses & switch links	1.00	9594.00	NOS	₹ 9,594.00
100	R3-ME-1-9-b	125A TPN with tinned copper bars of size 20 x 5 mm.	1.00	4984.00	Mtr.	₹ 4,984.00
101	R3-ME-1-13-I	IP 42 Wall/column Mounted distribution board with one Nos of 32A 4P MCB and 4 Noss 32A DP MCB as outgoing (4 way TPN DB)	1.00	10716.00	No.	₹ 10,716.00

102	R3-ME-1-10-f	3 nos. single core Cu PVC insulated flexible cable of 50 Sq.mm. for phases & 1 single core Cu PVC insulated flexible cable for Neutral of 25 Sq.mm for 125 Amp. TPNSS switch.	20.00	3023.00	Mtr.	₹ 60,460.00
103	R3-ME-3-20-a	Point wiring by using FRLSH insulated copper conductors (alongwith same size of FRLSH insulated copper conductor for earthing & 3 plate ceiling rose) : PVC conduit concealed with modular switches & FRLSH wires. Light /Fan / Ex. fan Points Concealed Manner with Modular switches & FRLSH wires	550.00	767.00	Each Pt.	₹ 4,21,850.00
104	R3-ME-3-20-b	3/5 Pin Independent Plug (IP) Concealed Manner with Modular switches & FRLSH wires	20.00	775.00	Each Pt.	₹ 15,500.00
105	R3-ME-3-20-c	5A/6A - 3/5 Half Plug Concealed Manner with Modular switches & FRLSH wires	25.00	232	Each Pt.	₹ 5,800.00
106	R3-ME-3-41-i	15 / 5 A / 6 A Combined Power Plug Socket Point with Fuse and Indicating Lamp, One 15 Amp SP Switch in Casing-Caping	15.00	1347.00	Each Pt.	₹ 20,205.00
107	R3-ME-3-21-b	2 X 2.5 sq. mm + 1 X 2.5 sq. mm earth wire in 20mm Conduit	350.00	154.00	Mtr	₹ 53,900.00
108	R3-ME-4-34-a	LED Tubelight fixtures 1X 18W	50.00	456.00	Nos	₹ 22,800.00
109	R3-ME-4-34-b	LED Tubelight fixtures 2X 18W	15.00	915.00	Nos	₹ 13,725.00
110	R3-ME-4-15-a	S' type M.S. fan hook fabricated from suitable dia. M.S. rod duly painted for fixing of ceiling fan. The 'S' type hook shall be fixed to steel bar in RCC ceiling. The ceiling shall be replastered with sand, cement & neeru etc. The cost of labours for chipping out ceiling upto steel bar & fixing of 'S' hook & resurfacing the ceiling is included in the cost of item.	25.00	238.00	No.	₹ 5,950.00
111	R3-ME-4-12-q	Wall mounting air circulator of 450mm sweep, 230 Volts,AC 50 Hz, oscillating type complete with all necessary accessories for completing installation.	4.00	5026.00	No.	₹ 20,104.00

112	R3-ME-4-14-b	Storage type Horizontal / vertical water heater 5/6 Liters capacity on wall / loft as per specification.	10.00	5188.00	Nos	₹ 51,880.00
113	R3-ME-4-34-e	LED Bulkhead fitting	18.00	992.00	No.	₹ 17,856.00
114	R3-ME-4-12-h	Exhaust fan of 230mm sweep, 1400RPM, with 450 CFM free air delivery, AC 230V/415V , 50 Hz, single phase / three phase complete with all necessary accessories for completing installation as per specification.	12.00	1751.00	No.	₹ 21,012.00
115	R3-ME-7-1-c	Earthing station with 600 mm x 600 mm x 6 mm galvanised iron plate & 50 mm dia. G.I. pipe, 3000mm long GI pipe (Class B or better) earth pit as per IS 3043. The earth pit shall be provided with watering pipe (Class B) with wire messed funnel, 25x3 GI strip / 8 SWG GI wire up to chamber (wire or strip size as per fault level), disconnecting links with 600 x 600 mm (clear) RCC chamber & heavy duty 3mm thick CI chequered plate cover with hinge & stainless steel bolts. Bentonite/ Charcol & Salt shall be provided for earth pits. Excavation, backfilling, removal of excess soil is included in the scope.	1.00	16475.00	Nos	₹ 16,475.00
116	R3-ME-7-4-l	Bare G.I. Conductor size 10 SWG	100.00	6.00	Mtr.	₹ 600.00
117	R3-ME-1-30-b	Supply and fixing 20 mm thick Marine Ply Plank	22.00	1813.00	Sq. Mtr.	₹ 39,886.00
118	R3-ME-12-9-u	SITC of 9 inch Rack	3.00	7734	NOS	₹ 23,202.00

119	R3-ME-12-13-H	Supply, Installation, Testing & Commissioning of HD Digital Video : 16 AHD front-end real-time encoding, 2 audio inputs and 1 audio outputs, Simultaneous live viewing recording, playback, and remote , VGA, HDMI, PTZ, USB . 10/100Base-T Ethernet port for local or wide area network , RS485 serial port for serial Commissioning to control movable cameras, Keyboard support including loop through to other DVR's 16:9 and 4:3 monitor aspect	8.00	34371	NOS	₹ 2,74,968.00
120	R3-ME-12-13-A	Dome type CCTV camera	8.00	6015.00	Each	₹ 48,120.00
121	R3-ME-12-13-K	SITC of 6TB Storage (HDD)	1.00	29345	NOS	₹ 29,345.00
			Electrial work Total			₹ 11,88,932.00

REINFORCEMENT

122	R3-CS-CW-35-c	Providing and fixing in position steel bars reinforcement of various diameters for R.C.C. pile, pile caps, footings, raft, retaining wall, shear wall, lift wall, foundations, slabs, beams, columns, canopies, staircases, newels, chajjas, lintels, pardies, coping, fins, arches, etc. as per detailed designs, drawings and bar bending schedules, including straightening, cutting, bending, hooking the bars, binding with wires or tack welding, supporting as required etc. all complete at all levels.				
		Thermo-Mechanically Treated steel bars. (Fe 500 D)				
		Super structure (Plinth, first, terrace and headroom) (125kg per Cu.m)				
		UG tank (150Kg per Cu.m)				
			57.664	80080.00	M.T.	₹ 46,17,739.53

Reinforcement Total

₹ 46,17,739.53

Miscellaneous

123	SIC-M&E-SNVM-01	Design, Installation, Testing, & Commissioning of Sanitary Napkin Vending Machine, Minimum capacity of 20 Nos, sanitary napkins.	2.00	30744	EACH	₹ 61,488.00
124	SIC-M&E-SNBM-02	Design, Installation, Testing, & Commissioning of Sanitary Napkin burning Machine (incinerator), Minimum capacity of 100 Nos, sanitary napkins.	4.00	34530	EACH	₹ 1,38,120.00
125	SIC-M&E-SN-03	Supply of Sanitary napkin	500.00	4.8	EACH	₹ 2,400.00
126	SIC-M&E-MC-04	Supply of Metallic Coin	500.00	2.23	EACH	₹ 1,115.00
127	SBM-BS-12.15	Supply, Installation, Testing of universal intel atom n2800, clock frequency 1.86 GHZ public address system machine as per instruction of engineer incharge.	12.00	15745	EACH	₹ 1,88,940.00
128	SSP-MT-VM-01	Additional on site comprehensive maintainance of sanitary napkin incinerator for 2 years post warranty period inclusive of cost.	12.00	3500	EACH	₹ 42,000.00
129	SSP-MT-IM-01	Additional on site comprehensive maintainance of sanitary napkin incinerator for 2 years post warranty period inclusive of cost.	12.00	4600	EACH	₹ 55,200.00
130	R2-SBM-10	Procuring metered water connection from HE Deptt and laying water lines from water main to suction tank including all other accessories, fittings, bends and including all other charges, fees, reinstatement charges (including security deposit) etc complete	1.00	60000.00	Each	₹ 60,000.00
131	R2-SBM-11	Procuring power connection from concerned Authorities including laying of cables, providing meter and including other charges etc, complete.	1.00	18000.00	Each	₹ 18,000.00
132	R3-SBM-12-8	P&L additional length for water connection in the name of designated agency as intimated	100.00	1752.00	Rmt	₹ 1,75,200.00

133	BM-FA-19-PL-01	supply , instalation & testing of electronic high speed hand dryer (Heavy duty) having material steel 304,mirror finished or equvivalant approved make	4.00	9868.00	Each	₹ 39,472.00
134	CE5-18-024-FA-65	GRC name plate of required hight and thickness BMC logo on both side	2.00	42267.00	Rmt	₹ 84,534.00
135	R3-ME-4-20-B	standered large industrial type fly killer with m s body	4.00	3701.00	Each	₹ 14,804.00
136	R3-ME-6-2-d	submercible pump 2 H.P	2.00	15963.00	Each	₹ 31,926.00

			Miscellaneous Total		₹ 9,13,199.00	
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			TOTAL Cost		4,19,89,610.70	
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