

BRIHANMUMBAI MUNICIPAL CORPORATION

Combined BOQ

W- 421:- Improvement of Various Roads in CC/ CC Passage in Zone-III (H/E,H/W & K/E) of Western Suburbs Division.

Sr. No.	Item	Description	Total BOQ Qty ZIII	Rate	Per	Amount
1	R2-RW-7-37	(a) To carry out total station survey of the road with reference to existing co-ordinate system by establishing control stations by establishing temporary bench mark from	182.00	20182.50	upto 500 mtr.	36,73,215.00
2	R2-RW-7-38	To carry out total station survey of the road with reference to existing coordinate system by establishing control stations by establishing temporary bench mark from permanent bench	160.00	3900.00	/100 Mtr.	6,24,000.00
3	R2-RW-7-39	To carry out total station survey of the road with reference to existing co-ordinate system by establishing control stations by establishing temporary bench mark from permanent	8.00	21190.00	Upto 500 Mtr.	1,69,520.00
4	R2-RW-7-40	To carry out total station survey of the road with reference to existing co-ordinate system by establishing control stations by establishing temporary bench mark from permanent	15.70	4238.00	/100 Mtr.	66,536.60
5	R2-RW-7-43	To carry out total station survey of the road with reference to existing coordinate system by establishing control stations by establishing temporary bench mark from permanent bench	0.00	25220.00	Upto 500 Mtr.	-
6	R2-RW-7-44	To carry out total station survey of the road with reference to existing coordinate system by establishing control stations by establishing temporary bench mark from permanent bench	0.00	5044.00	/100 Mtr.	-
7	R2-CS-EW-3	Excavation for foundation, substructures, basements, tanks, sumps, walls, chambers, manholes, trenches, poles, pits & general building works in soft / disintegrated rock	548333.00	500.00	Cu.m	27,41,66,500.00
8	R2-CS-EW-4	Excavation by chiseling by manual operations, pneumatic breaker, hammer,	55711.00	1054	Cubic Meter	5,87,19,394.00
9	R2-CS-EW-7-a	Extra over the items CS-EW-03 to CS-EW-06 for lift from 1.5m to 3.0m.	86270.00	127	Cu.m	1,09,56,290.00
10	R2-SWD-45	Supplying and providing blue trap stones of approved quality and laying hand set dry rubble packing 25 cm. thick to required level and grade, camber including filling in the	130158.00	846	Cu.m	11,01,13,668.00
11	R2-RW-10-26	P/L ready mix cement concrete M-15 cc having avg compressive strength 18.5 Mpa for Foundation/ encasement/ pavement / cradle including form of mixing in batch ing	78128.00	6893.00	Cu.m	53,85,36,304.00
12	R2-RW-10-29	P/L R.M.C. M-20C.C. having avg. compressive strength 24Mpa procured from M.C.G.M. approved R.M.C. plant including use of approved makes plasticizer / retarder & transported by	86032.00	7055.00	Cu.m	60,69,55,760.00
13	R2-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	19715.00	76770.00	MT	1,51,35,20,550.00
14	R2-CS-RF-7-BFAIR	Leak-proof Shuttering for Encasement: Providing, fabricating & fixing the leak-proof shuttering madewith marine plywood / M.S. sheets with proper supports at all locations for	1116081.00	558	Sq.m	62,27,73,198.00
15	R2-CS-RF-7-FFAIR	Leak-proof Shuttering for Encasement: Providing, fabricating & fixing the leak-proof shuttering madewith marine plywood / M.S. sheets with proper supports at all locations for	163637.00	483.00	Sq.m	7,90,36,671.00
16	R2-RW-7-32	Providing and placing in position, levelling, fixing M 25 Grade R.C.C. pre-cast frame of size 1150 x 1150 x 150 mm and cover (2 Nos) of size 1000mm x 500mm x 75mm in line level over	27339.00	2896.00	SET	7,91,73,744.00
17	R2-RW-10-51	Providing and fixing of Water Dished Channel size: 600 x 300 x 80 mm, M-40 grade manufactured in vacuum wet press technology plant with excellent finish and sharp edges	8326.00	799.00	meter	66,52,474.00
18	R2-RW-8-02	P/L 250 mm dia. R.C.C. humepipes, NP2 class, jointing, filletting in 1:1C.M., including plugging of both the ends with gunny bags brick masonry in M 1:4 with plaster in	26829.00	640.00	R.M	1,71,70,560.00
19	R2-SWD-148	Supplying and fixing 0.90m x 0.60m internal size of rectangular C.I. air-tight cover and frame weighing minimum 270 kg of material grade of min. EC 150 conforming to IS	156.00	31371.00	Each	48,93,876.00
20	R2-SWD-146	Supplying and fixing 1.20m x 0.90m internal size of rectangular C.I. air-tight cover and frame weighing minimum 910 kg of material grade of min. EC 150 conforming to IS	558.00	94200.00	E.A.	5,25,63,600.00
21	R2-SWD-119	Providing and Constructing brick masonry inspection chamber rectangular 0.9M x 0.60M and 0.6M deep on sewer with 230mm brick	7152.00	49457.43	E.A.	35,37,19,539.36
22	R2-SWD-120	Extra over item no R2-SWD-119 per meter depth above 0.60m and upto 2.5m, etc all complete as specified & as directed by	2353.00	15442.39	MTR	3,63,35,943.67
23	R2-CS-EW-16	Excavation over areas for basements, roads, land/plot development in soft/ disintegrated rock, sand stone, stiff clay, gravel, cobblestone, hard laterite, water bound	386556.00	343.00	Cu.m	13,25,88,708.00
24	R2-RW-1-13	Levelling, watering & rolling by vibratory roller weighing not less than 10 tonnes & preparing the ground to the required grade & camber etc. complete as specified and as directed by	805239.00	9.83	sqm	79,15,499.37
25	R2-RW-2-21	Providing & laying, spreading & compacting specified crushed stone in granular subbase course including premixing the material in mechanical mixer (pugmill or approved type)	27134.00	2547.00	Cu.m	6,91,10,298.00
26	R2-RW-2-20	Providing & laying, spreading & compacting graded crushed stone aggregate to wet mix macadam satisfaction including premixing the material with water to OMC in mechanical mix	121329.00	2937.00	Cu.m.	35,63,43,273.00

Sr. No.	Item	Description	Total BOQ Qty ZIII	Rate	Per	Amount
27	R2-RW-10-32	Providing and laying Dry Lean Concrete base including providing coarse and fine aggregate to the specified gradation using minimum cement content 150kg/cum of concrete with	82920.00	4481.00	Cu.m.	37,15,64,520.00
28	R2-RW-10-33	Providing & laying M-40 C.C. avg. compressive strength 45 MPa and b avg. flextural strength of 5.0 MPa (As per IRC 15-2002 N 1 6) procured from M.C.C.M. approved R.M.C. plant	165150.00	7968.00	Cu.m	1,31,59,15,200.00
29	R2-RW-10-39	Extra & over for providing and using special admixtures/plasticizers to achieve required crushing & average flexural strength 5.0 Mpa of M40 grade concrete in 7 days. NOTE	181886.00	1067.00	Cu.m	19,40,72,362.00
30	R2-RW-10-27	P/L R.M.C. M-10 C.C. having avg. compressive strength 13.5 Mpa in foundation/ encasement/ pavement with or without chequered design including formwork mixing in batching	1680.00	6452.00	Cu.m	1,08,39,360.00
31	R2-RW-5-20	Providing and applying PRIME COAT with CATIONIC BITUMEN EMULSION (SS) @ 7 to 12Kg. of 10 Sqmt. over prepared surface to receive bituminous mix by applying	68170.00	57.00	sq.m.	38,85,690.00
32	R2-RW-5-23	Providing and applying TACK COAT with CATIONIC BITUMEN EMULSION (RS) @ 0.2 to 0.25Kg. of Sq.mt. over prepared surface to receive bituminous mix by applying TACK COAT	67382.00	33.00	sq.m.	22,23,606.00
33	R2-RW-5-25	Providing and applying TACK COAT with CATIONIC BITUMEN EMULSION (RS) @ 0.25 to 0.30 Kg. of Sq.mt. over prepared surface to receive bituminous mix by applying TACK COAT	67382.00	35.00	sq.m.	23,58,370.00
34	R2-RW-5-46	P/L hot Premix Dense bituminous macadam with 4.50%bitumen content of grade VG-40 to the required line level and camber rolling with 10/12 MT power vibratory	5142.00	9008.00	CUM	4,63,19,136.00
35	R2-RW-5-51	P/L premix hot mix Bituminous concrete with 6.00% of VG-30 bitumen content by weight of mix surface coat to compacted to required thickness using new material to the required	593.00	10974.00	CUM	65,07,582.00
36	R2-RW-5-64	P/L mastic asphalt 40mm thick with 10/20 grade bitumen including producing the same at computerised batch mix plant transporting the same to site by means of mastic	67382.00	1571.00	Sq M	10,58,57,122.00
37	R2-RW-5-65	P/L mastic asphalt 25mm thick with 10/20 grade bitumen including producing the same at computerised batch mix plant transporting the same to site by means of mastic	16454.00	1079.00	Sq M	1,77,53,866.00
38	R2-RW-6-03	Raising or lowering circular manholes to the required level upto 20cm. Including all material, form work etc.with 16cm thick cement concrete M.15 (1:2:4) c.c. coping under	2720.00	1151.00	Each	31,30,720.00
39	R2-RW-6-04	Raising or lowering water entrances ,hydrant key box/sluicibox/gully trap chambers to the required level upto 20cm including all materials curing etc. complete as	358.00	801.00	Each	2,86,758.00
40	R2-RW-6-05	Raising or lowering rectangular manholes to the required level upto 30cm. Including all materials, form work, brick work and with 16 cm thick M.15 C.C. coping under frame &	716.00	2297.00	Each	16,44,652.00
41	R2-RW-6-06	Removing the old C.I. curicular frame & cover & delivering the same to any Municipal depot or workshop, as directed.	716.00	147.00	Each	1,05,252.00
42	R2-RW-7-01	Removing & refixing traffic regulatory boards/bus stop boards/street name boards etc. in M-100 cement concrete, complete as directed.	414.00	881.00	Each	3,64,734.00
43	R2-RW-7-29	Excavation and dismantling of structures on roadway, shifting and relocating of essential utilities, street poles, signals road sign boards including taking necessary permission from the	365.00	1229.00	Nos	4,48,585.00
44	R2-RW-7-31	Excavation and dismantling of structures on roadway, shifting and relocating of essential utilities, street poles, signals road sign boards including taking necessary permission from the	365.00	327.00	Nos	1,19,355.00
45	R2-SE-5-1-a	Providing & laying stoneware pipes of SP2 class including jointing with CM(1:1), filleting etc. complete as specified & directed 150 mm	12074.00	657.00	RM.	79,32,618.00
46	R2-RW-8-03	P/L 300 mm dia. R.C.C. hume pipes, NP2 class, jointing, filling in 1:1 cement mortar, including plugging of both the ends with gunny bags brick masonry in cement mortar 1:4 with	358090.00	796.00	Runnin g Meter	28,50,39,640.00
47	R2-RW-8-04	Providing & fixing in position M- 20 cement concrete precastslab, 50cmx50cm.&8cm. Thick with the word "DUCT" inscribed over it including making good the damaged	5900.00	326.00	No.	19,23,400.00
48	R2-RW-10-46	Providing and fixing pre-cast Central Median divider Type-I of R.M.C. in M-20 C.C. on Road as per drawing, finished neatly, connecting curing with formwork etc. including bedding of	33861.00	1685.00	RMT	5,70,55,785.00
49	R2-RW-10-06	Providing&laying R.C.C. Running beam in M-40 cement concrete including required form work mixing, compacting & curing etc. complete reinforced with 12mm dia. (Minimum 4	13703.00	844.00	RMT	1,15,65,332.00
50	R2-RW-10-11	Cutting of construction & dummy joints of M-35 C.C. & above slab by mechanical means with in 10 to 16 hrs. Of casting of bay / slab as directed. All transverse dummy joints 100 mm	758917.00	59.00	RM.	4,47,76,103.00
51	R2-RW-10-12	Cutting of construction & dummy/joints of M-35 C.C. & above slab by mechanical means within 10 to 16hrs. of casting of bay/slab as directed. All longitudinal construction joints 100	793030.00	59.00	RM.	4,67,88,770.00
52	R2-RW-10-13	Providing & fixing in position premoulded Asphalt filler 12mm thick confirming to I.S. 1838 of 1983 for placing of the expansion joint around manholes & water entrances etc. put	44294.00	352.00	sq.m.	1,55,91,488.00
53	R2-RW-10-14	Providing & placing 5mm thick thermocole in dummy & construction joint simmediately after cutting of joints & removing the same before dressing of dummy & construction	163077.00	76.00	Sq M	1,23,93,852.00
54	R2-RW-10-15	Providing & fixing high density polythene pipe of approved quality to fit around the dowel bars of 32 mm dia at the end of expansion joints. fully greased inside. cotton waste the pipe	23574.00	31.00	No.	7,30,794.00

Sr. No.	Item	Description	Total BOQ Qty ZIII	Rate	Per	Amount
55	R2-RW-10-16	Providing & fixing in position mild steel tie bars of 12 mm dia 55 cm long & 45 cm C/C whenever directed including handling wrapping with paper for half length fixing	108.00	63226.00	M.T.	68,28,408.00
56	R2-RW-10-17	Providing & fixing in position M.S. dowel bars of 32mm dia 55 cm long & 30 cm C/C whenever directed including handling, fixing etc. complete/no extra payment will be made for	165.00	62904.00	M.T.	1,03,79,160.00
57	R2-RW-10-19	Providing & constructing cement vatas in CM (1:10) at 0.6m *0.6m c/c/admeasuring 0.09m at bottom,0.04m at top & 0.075m deep & maintaining the same throughout 14 days	921475.00	78.00	Sq.m	7,18,75,050.00
58	R2-RW-10-23	Dressing of M35 & above new C.C. pavement, dummy, transverse, longitudinal & expansion joints with hot rubberised sealing compound conforming to IS1834-1984	758917.00	92.00	RM.	6,98,20,364.00
59	R2-RW-10-24	Dressing of M-35 & above new C.C. pavement, dummy,transverse,longitudinal&expansion joints with hot rubber is edsealing compound conforming to IS 1834-1984	793030.00	92.00	RM.	7,29,58,760.00
60	R2-HE-7-2-a	---Do-----15 mm dia.	11790.00	168.00	R.M	19,80,720.00
61	R2-HE-7-2-b	---Do-----20 mm dia.	11790.00	174.00	R.M	20,51,460.00
62	R2-HE-7-2-c	---Do-----25 mm dia.	11790.00	265.00	R.M	31,24,350.00
63	R2-HE-7-2-d	---Do-----32 mm dia.	9532.00	316.00	R.M	30,12,112.00
64	R2-HE-7-2-e	---Do-----40 mm dia.	9018.00	388.00	R.M	34,98,984.00
65	R2-HE-7-2-f	---Do-----50 mm dia.	8688.00	481.00	R.M	41,78,928.00
66	R2-CS-PS-90-a	Providing and fixing G.I. pipes complete with G.I. fittings including trenching and refilling etc 15 mm dia	8688.00	199.00	RM.	17,28,912.00
67	R2-RT-16-33	Providing and applying hot applied thermoplastic road marking material with glass beads extremely high skid resistance 2.5mm thick without primer coat (back coat) on	73192.00	662.00	Sq M	4,84,53,104.00
68	R2-RT-16-07	Arrow marking for Route direction straight or right or left or straight & right or straight or left & lettering as per design in white or traffic yellow as specified and directed for speed	948.00	1241.00	NOS	11,76,468.00
69	R2-RT-16-08	Providing, fabricating & erecting Street Name Board (type 2S-A-1) as per the design incorporated in the catalogue of street Furniture (Volume II) Published by M.C.C.M. Vertical pole	714.00	22712.00	Nos	1,62,16,368.00
70	R2-RT-16-15	Junction Name Board : Providing, fixing and erecting on site Junction Name Board / Chowk (of type 2S-D), as per the design incorporated in the catalogue of street Furniture	594.00	35459.00	Nos	2,10,62,646.00
71	R2-RT-16-18	Direction - Board - Providing, Fabricating, Erecting on site Direction Board (of type 3SA2)(small-2) As per the design incorporated in the catalogue of street Furniture published by	619.00	37751.00	Nos	2,33,67,869.00
72	R2-RT-16-25	Mandatory & Cautionary Board - Providing, Fabricating, Erecting on site Mandatory & Cautionary Boards (of type 1S-A-1). As per the design incorporated in Street Furniture	1056.00	6469.00	Nos	68,31,264.00
73	R2-RT-16-27	TRIANGULAR BOARD - Providing, Fabricating, Erecting on site Mandatory Boards (of type 1S-A-1.1). As per the design incorporated in Street Furniture catalogue volume-II	732.00	12031.00	Nos	88,06,692.00
74	R2-GW-7-11	Supply and Spreading of Red Hill Earth Red hill earth free from graass, stones, rubbles redish in colour pass through 5 mm sieve and spreading of red hill earth at site location / plot	2860.80	1283.00	CuM.	36,70,406.40
75	R2-SE-10-3	Supplying and fixing 0.56 M dia C.I. Circular extra heavy duty (EHD) air tight frame and cover weighing minimum 230kg fixed complete to manholes	2790.00	29935.00	E.A.	8,35,18,650.00
76	R2-SWD-154	Providing & Fixing 100 mm. dia PVC. Pipes of approved quality as weep holes in nalla/retaining walls etc.complete as directed by Engineer in Charge	19864.00	355.00	R.M.	70,51,720.00
77	R2-RW-10-28	Supply & filling sand metal, GRAVELLY SAND, corresponded to CLASS II/ CLASS III GRADING of TABLE 100.1 of MCGM road specifications for roadworks in trenches upto required	7518.00	1905.00	cum	1,43,21,790.00
78	R2-SWD-35	Cutting down existing cement / lime concrete works by any means in pavement, bedding below foundation, coping, walls arches stone brick pavement coping etc. of any thickness of	27921.00	1314.00	CUM	3,66,88,194.00
79	R2-SWD-36	Cutting down completely RCC slab, walls, beams , columns, arches, piles, pile caps of any thickness and or size of any height / depth by any means below or above ground level	54366.00	1588.00	CUM	8,63,33,208.00
80	R2-RW-10-18	Providing & laying water proof paper of 40 GSM including overlap (to be not less than 10cm)etc. complete as specified as directed	794643.00	11.00	Sqm	87,41,073.00
81	R2-RW-10-63	Extra Over item of stencil concrete above M-20 in footpath Providing, applying and finishing the top surface of M-20 concrete with stamp / stencil of approved pattern and colour	165585.00	436.00	Sqm	7,21,95,060.00
82	R2-RW-7-17	Providing applying Yellow & Black road marking paint grade-I in 3-coats including single coat of approved brand primer after cleaning of old surface of kerbstone with	127384.00	50.00	Rmtr	63,69,200.00

Sr. No.	Item	Description	Total BOQ Qty ZIII	Rate	Per	Amount
83	R2-SWD-57	Providing 12 mm thick cement plaster in cement mortar 1:2 including neat cement rendering with approved water proofing compound (with a proportion as specified by the	6950.00	271.00	Sqm	18,83,450.00
84	R2-SWD-58	Providing 20 mm thick cement plaster in cement mortar 1:2 including neat cement rendering (without water proofing compound) as specified & as directed by Engineer in Charge	6950.00	376.00	SQM	26,13,200.00
85	R2-RT-16-34	Supplying/ fixing of Two Way Raised Pavement Markers made of polycarbonate moulded body and reflective panels with micro prismatic lens capable of providing total internal	146773.00	427.00	Each	6,26,72,071.00
86	R2-SWD-25	Providing and placing in position controlled cement Ready Mix Concrete of M-25 grade in raft slab by using ordinary Portland cement including curing by any means as specified	57190.00	6979.00	Cu.m	39,91,29,010.00
87	R2-SWD-30	Providing and placing in position controlled Ready Mix Concrete of M-25 grade in walls, deck slab above or below ground level at any height / depth by using ordinary Portland	110096.00	8735.00	Cu.m	96,16,88,560.00
88	R2-SWD-178	Providing & placing in position controlled Ready Mix Concrete of grade M- 40 in raft slab by using Ordinary Portland Cement including transportation to site anywhere in	20183.00	7777.00	Cu.m	15,69,63,191.00
89	R2-SWD-179	Providing & placing in position controlled Ready Mix Concrete of grade M- 40 in walls and deck slab above or below ground level at any height / depth by using Ordinary	45343.00	9569.00	Cu.m	43,38,87,167.00
90	R2-SWD-76	Providing and laying 450mm dia NP2 Class R.C.C. Hume pipes with Collar joints conforming to IS 458:2003 and laid on approved bedding as per IS 783-1985 (reaff. 2010)	5011.00	2041.00	Meter	1,02,27,451.00
91	R2-SWD-176-A	Providing & Fixing 1.20m X 0.60m clear internal size of M.S. Galvanised hinged type grating and frame (weighing minimum 130 kg of grade HD20 with minimum 75 microns	6416.00	17084.00	Nos.	10,96,10,944.00
92	R2-RW-10-37	Providing and fixing of the precast TREE GUARD KERB of M-20 C.C. of height 230mm., width 100mm., Length 400mm finished neatly compacting curing formwork etc	10144.00	471.07	RMT	47,78,534.08
93	R2-RW-2-22	Rebate for not using motor grader / paver for laying of Granular Sub base in R2-RW-2.21.	26315.00	-93.00	Cum	-24,47,295.00
94	R2-RW-5-71	Rebate for not using SENSOR PAVER INSTEAD OF ORDINARY PAVER USED for Laying of BITUMINOUS MIXES.	2058892.00	-7.00	Sqm	-1,44,12,244.00
95	R2-SWD-142	Constructing single water entrance of internal size 0.50m x 0.60m with cast-in-situ coping in M-20 grade, fixing of grating in M-20 as per standard drawings (Dwg No	26805.00	11641.00	Each	31,20,37,005.00
96	R2-SWD-175-A	Providing & Fixing 0.60m X 0.50m clear internal size of DI hinged type grating and frame (weighing minimum 80 kg) with grade designation of C250 with black bituman	26821.00	14786.00	Each	39,65,75,306.00
97	R2-RW-10-50	Providing and fixing of cement concrete KerbStone of various grades of size: 500mm width x 325 height x 165mm thick (HalfBatter BullNose / FullBatter) manufactured in wet press	135998.00	1116.00	Runnin g Meter	15,17,73,768.00
98	R2-RT-16-14	Circular Steel Bollards : Providing, fabricating and fixing circular Steel Bollards of 100mm dia circular Steel Pipe (of type 3E-A-1) as per the design incorporated in the Catalogue	3368.00	16062.00	Nos	5,40,96,816.00
99	R2-RT-16-02	Providing, fabricating and fixing M.S. railing of 10 Gauge, Dia. 40mm	19101.00	7121.00	Meter	13,60,18,221.00
100	CE4-18-96. 1-FA2	circular railing with Dia. 18mm circular intermediate support	59421.00	4422.00	Square Meter	26,27,59,662.00
101	R2-SE-1-1	Providing and laying tactile paving (for visually impaired person), conforming to IS:15622, of approved make in all colours and shades for outdoor floors such as footnth	7086.00	468.00	Cubic Meter	33,16,248.00
102	R2-SE-1-1-j	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	1945.00	429.00	Cubic Meter	8,34,405.00
103	R2-SE-1-1-A	Extra over above for item no. SE-1-1 to SE-1-1-i for relevant lift of excavation in soft/ disintegrated rock, road carriageway sand stone, stiff clay, gravel, cobblestone, hard -do-do- as per item SE-1-1 for lift from 2m to 4.0m	897.00	638.00	Cubic Meter	5,72,286.00
104	R2-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	7086.00	715.00	Square Meter	50,66,490.00
105	R2-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	327.00	2231.00	Cubic Meter	7,29,537.00
106	R2-SE-5-1-B	Providing & laying stoneware pipes of SP2 230mm dia etc.	1797.00	1113.00	Meter	20,00,061.00
107	R2-SE-2-5	-do- -do- M 15 c.c. For full encasement or cradle -do- -do-	505.00	7354.00	Cubic Meter	37,13,770.00
108	R2-SE-6-2-B	Constructing on sewer brick masonry conical manhole 1.5 M. dia. at bottom and 0.56 M dia. at top including C.I. Extra.Heavy Duty circular air tight frame and cover etc. complete as per	122.00	90305.00	Nos	1,10,17,210.00
109	R2-SE-6-2-C	Extra for above manhole per metre depth above 2.3M and upto 5 M including safety chain and extra C.I. steps on other side of benching -do-do-	59.00	34099.00	Meter Depth	20,11,841.00
110	R2-SE-9-1	Providing R.C.C. Spun vent shaft 7.3 M in height embedded in M15 cement concrete Including flue chamber etc. complete without excavation. The height of the vent shaft to be	68.00	52114.00	Nos	35,43,752.00

Sr. No.	Item	Description	Total BOQ Qty ZIII	Rate	Per	Amount
111	R2-RW-3-22	Removing the paver blocks of any thickness, size & colour from carriage way or footpath & transporting the same to ward depot or any	258697.50	157.00	Square Meter	4,06,15,507.19
112	R2-BW-5-7-u	Providing & Laying inverted filter behind Abutment & RE wall with suitable thickness.	2575.61	969.00	Cu M	24,95,769.97
113	R2-SWD-34	Cutting down stone, concrete, brick masonry work by any means in lime or cement mortar including removal of plaster, pointing in compound walls, arches, piers/window walls	338.00	484.00	CuM.	1,63,592.00
114	R2-RT-16-08-A	Extra Over item no. R2-RT-16-08 for Street Name Board with sign board of type 2S-A-1: Add for digitally printing the messages (Legends, letter, numerals, etc) and borders on	714.00	4666.00	nos.	33,31,524.00
PROPOSED ESTIMATED COST FOR THE SUBJECTED ROAD WORK				Total Amount		11,71,84,81,504.63
Say						11,71,84,81,505.00