Project Name: Manglore Smart City 1.1 Grand Summary for Under Ground Drainage Zone 4

SI. No.	Description	Cost In INR
1	Under Ground Drainage	39118345
	Total Cost	3,91,18,345
	Add Contingency @ 3%	11,73,550
	Add Utility Shifting @ 10%	39,11,834
	Add Amount for Taxes as applicable	15,64,734
	Adminstrative charges & Tender Premium @ 10%	39,11,834
	For Misc.Work	2,69,703
	Grand Total	4,99,50,000

Assistant Executive engineer MSCL Mangaluru

Superintendent Engineer MCC

Managing Director MSCL Mangaluru

Name of the Work :- Mangalore Smart City 1.2 BOQ of UNDERGROUND DRAINAGE for Zone 4

BOQ						
item	Specification	Unit	Quantity	Rate	Amount	Remarks
No.						
	UNDERGROUND DRAINAGE					
1	KSRRB 300-49. Scarifying Bituminous course 50mm to 75 mm thick with along with premix carpet/surface dressing by manual means without disturbing the base including cost of all labours and stacking of the debris materials including cost of all labour charges complete as per specifications. MORTH /Chapter 3 KSRRB SI No.19.55,Pg No.147	Sqm	12361.75	63.84	7,89,174	
2	KSRRB 300-45. Scarifying stone metal crust 50mm to 100 mm thick with pick axes along with premix carpet/surface dressing and stacking of old serviceable materials by manual means including cost of all labours charges complete as per specifications. MORTH /Chapter 3 KSRRB SI No.19.51,Pg No.147	Sqm	12361.75	56.00	6,92,258	
3	Earthwork excavation for pipeline trenches (Except building work) including barricading depositing on bank with all lead including danger lighting and using sight rails and boning rods including shoring,strutting,bailing out water at every 100 meters wherever neccessary as directed in the following Strata KUWSDB SR 15-16,SI No 1,Pg No 5					
	do in all soils mixed mixed with boulders of 30 cms size upto an exclusive of disintegrated rock D182					
	0 to 2mtr depth	Cum	15796.53	196.00	30,96,120	
4	Earthwork excavation for pipeline trenches (Except building work) including barricading depositing on bank with all lead including danger lighting and using sight rails and boning rods including shoring,strutting,bailing out water at every 100 meters wherever neccessary as directed in the following Strata KUWSDB SR 15-16,SI No ii,Pg No 5					
	do in disintegrated rock,soft rock,soft shale and medium hard rock comprising of lime stone,sand stone hard shale,schiest,fissured rock without resorting to blasting					
	2 to 4mtr depth	Cum	1357.69	495.04	6,72,112	
5	Providing course sand bedding for the pipeline trenches including watering and consolidation by punners etc.,complete with all lead and lift (In black cotton and rock reaches) KUWSDB 15-16,Pg No 17,SI No.6	Cum	4031.97	1809.92	72,97,548	

BOQ						
item	Specification	Unit	Quantity	Rate	Amount	Remarks
No.	0					
6	Supplying Unplasticised PVC pipes confirming to IS 15328:2003 with latest amendments ended with integral sockets with ISI mark and conveying to worksite,rolling and lowering into trenches,Laying true to line and level and perfect linking at joints,testing and commissioning,including loading and unloading at both destinations and cuts of pipes wherever necessary including jointing of UPVC Pipes (with cost of elastomeric sealing rings) and specials (excluding cost of specials) with jointing of approved type,with all labour with all lead and lift including encasing the pipe alround to a depth of not less than 15cms with soft gravel or selected earth available from the excavation etc.,complete and giving neccessary hydraulic test to the required pressure as per ISS (Contractor will make his own arrangements for procuring water for testing) KUWSDB,Pg No 205 and 207,SI No 4					
а	Supply and laying of PVC- U Pipes as per IS 15328 SN 4 - Ring tite:	Rmt	4483.00	849.40	38,07,860	
7	Supplying Unplasticised PVC pipes confirming to IS 15328:2003 with latest amendments ended with integral sockets with ISI mark and conveying to worksite,rolling and lowering into trenches,Laying true to line and level and perfect linking at joints,testing and commissioning,including loading and unloading at both destinations and cuts of pipes wherever necessary including jointing of UPVC Pipes (with cost of elastomeric sealing rings) and specials (excluding cost of specials) with jointing of approved type,with all labour with all lead and lift including encasing the pipe alround to a depth of not less than 15cms with soft gravel or selected earth available from the excavation etc.,complete and giving neccessary hydraulic test to the required pressure as per ISS (Contractor will make his own arrangements for procuring water for testing) KUWSDB,Pq No 207 and 207,SI No b1 Supply and laying of PVC- U Pipes as per IS 15328 SN 8 -	Rmt	5400.00	338.96	18,30,384	
	Ring tite: 110mm	IXIII	3400.00	330.30	10,30,304	
8	Construction of RCC Manhole chambers of 1:1.5:3 proportion using form vibrators of standard type with barricading,danger lighting and using of sight rails and boning rods wherever necessary,shoring,strurtting wherever required using ordinary port land cement, using 1:1.5:3 proportion RCC with 20mm and down graded jelly, well graded sand and steel of approved quality 200mm thick top concrete slab having wall thickness and raft thickness as in approved drawing,benching concrete with 1:6 slope towards the central drain finished smooth,including fixing and grouting of pipes,including conveying to work spot supply and fixing SFRC manhole cover and frame(Heavy Duty) conforming to IS: 12592 with latest amendments,on a bed of CC 1:2:4 supplying and fixing of minimum mm thick encapsulated MS Square footstepsStaggered at 300mm apart as detailed in Technical specifications including sand bedding wherever required disposal of surplus earth,watering,curing,engraving,manhole number with flow direction on the inner cylindrical surface etc,Complete including cost of reinforcement steel and fabrication charges and also cost and conveyance of all the materialslabour with all lead and lifts for various diameters and depth noted below: as per specifications,drawing and as directed by the Engineer inclusive of earth work excavation in					
а	0.9 Meter Dia Manhole	Nos	55.00	26050.90	14,32,799	
b	1.2 Meter Dia Manhole	Nos	120.00	38384.55	46,06,146	
C	1.5 meter Dia Manhole	Nos	9.00	67928.90	6,11,360	
9	Refilling Pipeline Trenches and foundation with selected available earth from trench excavation and foundation including watering,consolidation in layers of 15cms.,thick including disposing off the surplus earth with all lead and lift. KUWSDB Pg No 15,SI No 2	Cum	8004.17	66.08	5,28,915	

BOQ item No.	Specification	Unit	Quantity	Rate	Amount	Remarks
10	Carting of excavated earth of all types upto adistance mentioned below and re-carting back to the same site by vehicle including loading,unloading charges for to and fro,with all lifts and labour,HOM of machinary etc,complete after obtaining the approval of the Chief Engineer. e) 4.0 to 5.0 Km KUWSDB Pg No.15,SI No.3	Cum	9081.43	315.84	28,68,280	
11	KSRRB M400-6.2. Constriction of Granular Sub-base by Providing Close graded cushed stone aggregates of granite /trap/basalt material spreading in uniform layers with motor grader on prepared surface, mixing by mix in place method by rotavator at OMC, and compacting with vibratory power roller to achieve the desired density, complete as per specifications. B. By mix in place Method For grading II material KSRB Pg No.155,20.5.2	cum	1847.27	1576.96	29,13,068	
12	KSRRB M400-Wet Mix macadam KSRRB M400-17. Providing, laying, spreading and compacting cushed stone aggregates of granite/trap/ basalt to wet mix macadam specification including per mixing the material with water at OMC in Mechanical mix plant carriage of mixed material by tipper to site, laying in uniform layers with paver in sub- base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specification. MORTH Specification NO.406 KSRB Pg No 158,20.18	Cum	3078.78	1868.16	57,51,655	
13	KSRRB M500-6. Providing and applying primer coat with S.S. bitumen emulsion on prepared surface of granular base such as WMM including cleaning of road surface and spraying primer at the rate of 0.60 kg / sqm using mechanical means complete as per specifications. MORTH Specification No. 502 KSRB Pg No.161,SI No:21.6	Sqm	12315.12	29.12	3,58,616	
14	KSRRB 500-30.Providing and laying 20mm thick mix seal surfacing Type A on prepared surface as wearing course with specified graded crushed aggregates of 5.6mm and 11.2mm size 0.027um/sqm premixed with bituminous binder at 2.20 kg/sqm,in hotmix plant 40/60 tonne,trnsporting the mixed materials in tipper and laying with mechanical paver finisher to required level and grade,rolling with power roller 8-10 tonne,excluding cost of tack coat including cost of all materials,labours,HOM of machineries complete as per speifications MORTH clause NO.512 using VG-30 (60/70 grade) KSRRB Pg No.166,Sl No. 21.36 (Revised Rate)	Sqm	12315.12	151.20	18,62,047	
	Total				3,91,18,345	

Superintendent Engineer MCC

Name of the Work :- Mangalore Smart City 1.30 Measurement Sheet of UNDERGROUND DRAINAGE

SI.No.	Description of Work	Unit	No	L	В	D	Qty
	KSRRB 300-49. Scarifying Bituminous course 50mm to 75 mm thick						
	with along with premix carpet/surface dressing by manual means						
	without disturbing the base including cost of all labours and stacking						
1	of the debris materials including cost of all labour charges complete						
	as per specifications.						
	MORTH /Chapter 3						
	KSRRB SI No.19.55.Pg No.147						
	Only for Pipe portion trench Profile 1 (Nellikai Road)						
	MH 2210 to MH2209	Sqm	1	323.62	1.40		453.07
	Profile 2 (Bunder Road)	Sqiii	т_	323.02	1.40		455.07
	MH 1271 to MH 2235	Sqm	1	0.00	1.40		0.00
	Profile 3 (Mission Street Road)	Sqiii		0.00	1.70		0.00
	MH 1202 to MH 941	Sqm	1	246.20	1.40		344.68
	Profile 4(Market,Bibi Alabi and Kandak)	Jqm		2 10.20	1.10		311.00
	MH 1260 to MH 2087	Sqm	1	779.90	1.40		1091.86
	Profile 5 (Maidan Cross Road)	54		,,,,,,,	21.10		1031.00
	MH 1011 to MH 2046	Sqm	1	104.40	1.40		146.16
	Profile 6 (Central Market Road)						
	MH 2058 to MH 1261	Sqm	1	107.90	1.40		151.06
	Profile 7 (Maidan 3rd Cross Road)	i i					
	MH 2062 to MH 2069	Sqm	1	148.50	1.40		207.90
	Profile 8 (Nellikai Road)						
	MH 2074 to MH 2072	Sqm	1	130.30	1.40		182.42
	Profile 9 (Jewellery lane Road)						
	MH 1251 to MH 2453	Sqm	1	188.00	1.40		263.20
	Profile 10						
	MH 308 to MH 1943	Sqm	1	100.40	1.40		140.56
	Profile 11						
	MH 147 to MH 1970	Sqm	1	30.00	1.40		42.00
	Profile 12						
	MH 273 to MH 1978	Sqm	1	30.60	1.40		42.84
	Profile 13 (Jewellery lane Road)						
	MH 1990 to MH 2028	Sqm	1	160.50	1.40		224.70
	Profile 14(Bhavanthi Street Road)						
	MH 894 to MH 895	Sqm	1	0.00	1.40		0.00
	Profile 15 (Central Market Road)						
	MH 896 to MH 859	Sqm	1	181.50	1.40		254.10
	Profile 16 (Maidan 1st Cross Road)						
	MH 764 to MH 765	Sqm	1	70.20	1.40		98.28
	Profile 17 (Central Market Road)	C		126.10	1 10		476.54
	MH 1959 to MH 859	Sqm	1	126.10	1.40		176.54
	Profile 18 (Gouri Mutt Street) MH 1135 to MH 2007	C =====	1	204.10	1 40		205.74
	Profile 19 (Gouri Mutt Road)	Sqm	1	204.10	1.40		285.74
	MH 78 to MH 1999	Sam	1	20.30	1.40		28.42
	Profile 20(Gouri Mutt Road)	Sqm		20.50	1.40		20.42
	MH 570 to MH 2003	Sam	1	51.10	1.40		71.54
	Profile 21(Gouri Mutt Road)	Sqm		31.10	1.40		71.54
	MH 168 to MH 2006	Sqm	1	28.10	1.40		39.34
	Profile 22 (Bhavanthi Street Road)	JqIII	1	20.10	1.40		33.34
	MH 136 to MH 2009	Sqm	1	0.00	1.40		0.00
	Profile 23	Sqiii		0.00	1.70		0.00
	MH 742 to MH 743	Sqm	1	67.20	1.40		94.08
	Profile 24	Sqiii		07.20	1.10		3 1.00
	MH 271 to MH 2012	Sqm	1	28.60	1.40		40.04
	Profile 25 (MPT Road)	24		_0.00	1.10		10.04
	MH 993 to MH 1053	Sqm	1	216.84	1.40		303.58
	Profile 26 (MPT Cross Road)	24			2. 10		303.30
	MH 762 to MH 2138	Sqm	1	93.12	1.40		130.37
	Profile 27 (MPT Cross Road)	24111		33.12	1.70		130.37
	MH 982 TO MH 2398	Sqm	1	399.10	1.40		558.74
	Profile 28 (Jodumutt Road)	54111		333.10	1.70		330.74
	MH 786 TO MH 787	Sqm	1	72.40	1.40		101.36

SI.No.	Description of Work	Unit	No	L	В	D	Qty
	Profile 29 (Bhavanthi Street Road)						
	MH 894 TO MH 895 Profile 30 (Cross Road)	Sqm	1	0.00	1.40		0.00
	MH 678 TO MH 695	Sqm	1	70.20	1.40		98.28
	Profile 31 (Raghavendra and Mukyaprana Temple Road)	Jqm		70.20	1.10		30.20
	MH 2020 to MH 1090	Sqm	1	0.00	1.40		0.00
	Profile 32 (Raghavendra Mutt Cross Road)						
	MH 967 to MH 2157	Sqm	1	184.70	1.40		258.58
	Profile 33 (Nellikai Cross Road) MH 940 to MH 2221	Cam	1	94.60	1.40		132.44
	Profile 34 (Raghavendra Mutt Road)	Sqm	1	94.60	1.40		132.44
	MH 766 to MH 767	Sqm	1	62.80	1.40		87.92
	Profile 35 (Cross Road)						
	MH 2159 to MH 364	Sqm	1	14.40	1.40		20.16
	Profile 36 (Mukyaprana Temple Road)			26.00	4.40		27.52
	MH 2167 to MH 2164 Profile 37 (MPT Cross Road)	Sqm	1	26.80	1.40		37.52
	MH 2399 to MH 2405	Sqm	1	119.80	1.40		167.72
	·····	39	_	223.00	21.10		207772
	Only for Manhole portion						
	Profile 1 (Nellikai Road)	C	4.0	3.00	3.00		F2.00
	MH 2210 to MH2209 Profile 2 (Bunder Road)	Sqm	13	2.00	2.00		52.00
	MH 1271 to MH 2235	Sqm	0	2.00	2.00		0.00
	Profile 3 (Mission Street Road)						
	MH 1202 to MH 941	Sqm	8	2.00	2.00		32.00
	Profile 4(Market,Bibi Alabi and Kandak) MH 1260 to MH 2087	Sqm	31	2.00	2.00		124.00
	Profile 5 (Maidan Cross Road)	Jqiii	31	2.00	2.00		124.00
	MH 1011 to MH 2046	Sqm	5	1.70	1.70		14.45
	Profile 6 (Central Market Road)			4.70	1 70		47.04
	MH 2058 to MH 1261 Profile 7 (Maidan 3rd Cross Road)	Sqm	6	1.70	1.70		17.34
	MH 2062 to MH 2069	Sqm	5	1.70	1.70		14.45
	Profile 8 (Nellikai Road)						
	MH 2074 to MH 2072	Sqm	5	2.00	2.00		20.00
	Profile 9 (Jewellery lane Road) MH 1251 to MH 2453	Sqm	8	2.00	2.00		32.00
	Profile 10	Jqiii		2.00	2.00		32.00
	MH 308 to MH 1943	Sqm	5	2.00	2.00		20.00
	Profile 11	C	1	1.70	1 70		2.00
	MH 147 to MH 1970 Profile 12	Sqm	1	1.70	1.70		2.89
	MH 273 to MH 1978	Sqm	1	1.70	1.70		2.89
	Profile 13 (Jewellery lane Road)						
	MH 1990 to MH 2028	Sqm	7	1.70	1.70		20.23
	Profile 14(Bhavanthi Street Road) MH 894 to MH 895	Sqm	0	1.70	1.70		0.00
	Profile 15 (Central Market Road)	34		2.70	2170		0.00
	MH 896 to MH 859	Sqm	9	2.00	2.00		36.00
	Profile 16 (Maidan 1st Cross Road)	Sqm	3	1.70	1.70		8.67
	MH 764 to MH 765 Profile 17 (Central Market Road)	Sqiii	3	1.70	1.70		0.07
	MH 1959 to MH 859	Sqm	4	1.70	1.70		11.56
	Profile 18 (Gouri Mutt Street)				-		
	MH 1135 to MH 2007	Sqm	8	2.00	2.00		32.00
	Profile 19 (Gouri Mutt Road) MH 78 to MH 1999	Sqm	1	1.70	1.70		2.89
	Profile 20(Gouri Mutt Road)			2 0			
	MH 570 to MH 2003	Sqm	2	2.00	2.00		8.00
	Profile 21(Gouri Mutt Road)	Sqm	1	1.70	1.70		2.89
	MH 168 to MH 2006 Profile 22 (Bhavanthi Street Road)	Juli	1	1.70	1.70		2.89
	MH 136 to MH 2009	Sqm	0	1.70	1.70		0.00
	Profile 23						
	MH 742 to MH 743	Sqm	3	1.70	1.70		8.67
	Profile 24 MH 271 to MH 2012	Sqm	1	1.70	1.70		2.89
	Profile 25 (MPT Road)	Jqiii	1	1.70	1.70		2.09
	MH 993 to MH 1053	Sqm	6	2.30	2.30		31.74
	MH 993 to MH 1053	Sqm	3	2.30	2.30		15.87

MM 1762 to MM 1238	SI.No.	Description of Work	Unit	No	L	В	D	Qty
Profile 27 (NPT Cross Road)		Profile 26 (MPT Cross Road)	Sam	5	2.00	2.00		20.00
MH 982 TO MH 2398			Sqiii	3	2.00	2.00		20.00
Profile 28 [Joshwarth Road]			Sqm	12	2.00	2.00		48.00
MM 1786 TO MM 787 Foreitie 29 (Bhavarith Street Road)		MH 982 TO MH 2398	Sqm	2	2.00	2.00		8.00
Profile 26 (Bhavanth) Street Road)			C	2	1 70	1 70		0.67
MM 1894 TO MM 895 Sqm 0 1.70 1.70 MM 1678 TO MM 695 Sqm 4 2.00 2.00 MM 1678 TO MM 695 Sqm 4 2.00 2.00 MM 1678 TO MM 695 Sqm 4 2.00 2.00 MM 1678 TO MM 1695 Sqm 0 2.30 2.30 MM 12020 TO MM 1090 Sqm 0 2.30 2.30 MM 12020 TO MM 1090 Sqm 0 2.30 2.30 MM 1967 TO MM 1221 Sqm 7 1.70 MM 1967 TO MM 1221 Sqm 7 1.70 MM 1967 TO MM 1221 Sqm 5 1.70 1.70 MM 1967 TO MM 1221 Sqm 3 2.00 2.00 MM 1967 TO MM 1221 Sqm 3 2.00 2.00 MM 1967 TO MM 1221 Sqm 3 2.00 2.00 MM 1765 TO MM 1265 TO M			Sqm	3	1.70	1.70		8.67
Profile 30 (Cross Road)			Sam	0	1.70	1.70		0.00
Profile 31 (Rephavendra and Mulcograna Temple Road)								
MM 2020 to MM 1090		MH 678 TO MH 695	Sqm	4	2.00	2.00		16.00
Profile 22 (Rashwendra Mutt Cross Road) MH 957 to MH 2157 Profile 31 (Neillika Cross Road) MH 950 to MH 2201 Profile 32 (Neillika Cross Road) MH 940 to MH 2221 Profile 35 (Neillika Cross Road) MH 250 to MH 2621 Profile 36 (Rashwendra Mutt Road) MH 250 to MH 362 to MH 362 Profile 36 (Mukwarana Temple Road) MH 250 to MH 362 to MH 362 Profile 37 (MPT Cross Road) MH 250 to MH 364 Profile 37 (MPT Cross Road) MH 2391 to MH 2605 For House Hold Connection Sqm 900 6.00 1.00 5 Sqm 5 2.00 2.00 For House Hold Connection Sqm 900 6.00 1.00 5 Sqm 7 Total 122 Sqm 7 Total 123 Sqm 1 1.70 1.70 Profile 37 (MPT Cross Road) MH 2391 to MH 2605 Sqm 5 2.00 2.00 For House Hold Connection Sqm 900 6.00 1.00 5 Sqm 7 Total 122 Sqm 1 1.70 1.70 Profile 38 (Neillika Road) Sqm 1 1.70 1.70 Profile 38 (Neillika Road) MH 2210 to MH 2235 Sqm 1 323.62 1.4 Profile 38 (Neillika Road) MH 2210 to MH 911 Profile 48 (Neillika Road) MH 1201 to MH 2087 Profile 58 (Naidan Cross Road) MH 1202 to MH 910 Profile 68 (Naidan Cross Road) MH 1201 to MH 2087 Profile 78 (Naidan Cross Road) MH 1201 to MH 2045 Profile 8 (Naidan Cross Road) MH 201 to MH 2045 Profile 8 (Naidan Cross Road) MH 201 to MH 2045 Profile 8 (Naidan Road) MH 1201 to MH 2045 Profile 8 (Naidan Road) MH 1201 to MH 2045 Profile 8 (Naidan Road) MH 1201 to MH 2045 Profile 8 (Naidan Road) MH 1201 to MH 2045 Profile 8 (Naidan Road) MH 1201 to MH 2045 Profile 8 (Naidan Road) MH 1201 to MH 2045 Profile 8 (Naidan Road) MH 1201 to MH 2045 Profile 8 (Naidan Road) MH 1201 to MH 2045 Profile 8 (Naidan St Cross Road) MH 1201 to MH 2045 Profile 10 (Naidan 37 Cross Road) MH 1201 to MH 2045 Profile 10 (Naidan 37 Cross Road) MH 1201 to MH 2045 Profile 10 (Naidan 37 Cross Road) MH 1201 to MH 2045 Profile 10 (Naidan 37 Cross Road) MH 1201 to MH 2045 Profile 10 (Naidan 37 Cross Road) MH 1201 to MH 2045 Profile 10 (Naidan 37 Cross Road) MH 1201 to MH 2045 Profile 10 (Naidan 37 Cross Road) MH 1201 to MH 2045 Profile 10 (Naidan 37 Cross Road) MH 1201 to MH 2045 Profile 10 (Naidan 37 Cross Road) MH 1201 to MH 2045 Profile			C		2.20	2.20		0.00
MH 967 to MH 2157			Sqm	0	2.30	2.30		0.00
Profile 3 (Nellika Cross Road)			Sam	7	1.70	1.70		20.23
Profile 14 (Rapphwendra Mutt Road)								
MH 765 to MH 767			Sqm	5	1.70	1.70		14.45
Profile 35 (Cross Road)			C		2.00	2.00		12.00
MH 2159 to MH 364 Sqm			Sqm	3	2.00	2.00		12.00
Profile 36 (Mukraprana Temple Road)			Sam	1	1.70	1.70		2.89
MH 2167 to MH 2164			Jq	_	2.70	1170		2.00
MH 2399 to MH 2405			Sqm	1	1.70	1.70		2.89
For House Hold Connection								
Sqm		MH 2399 to MH 2405	Sqm	5	2.00	2.00		20.00
KSRRB 300-45.Scarifying stone metal crust 50mm to 100 mm thick with pick axes along with premix carpet/surface dressing and stacking of old serviceable materials by manual means including cost of all labours charges complete as per specifications. MORTH /Chapter 3 KSRRB SI No.19.51.Pe No.147 Only for Pipe Portion Trench Profile 1 (Nellikai Road) MH 2210 to MH2209 Sqm 1 323.62 1.4 Profile 2 (Bunder Road) MH 1271 to MH2255 Sqm 1 0.00 1.4 Profile 3 (Mission Street Road) MH 1202 to MH 941 Sqm 1 246.20 1.4 Profile 4 (Market,Bibi Alabi and Kandak) MH 1205 to MH 2087 Profile 5 (Maidan Cross Road) MH 1011 to MH 2046 Sqm 1 104.40 1.4 Profile 5 (Central Market Road) MH 2058 to MH 1261 Sqm 1 107.90 1.4 Profile 7 (Maidan 3rd Cross Road) MH 2058 to MH 2072 Sqm 1 130.30 1.4 Profile 8 (Nellikiai Road) MH 2074 to MH 2072 Sqm 1 130.30 1.4 Profile 9 (Lewellery lane Road) MH 2074 to MH 2453 Sqm 1 130.00 1.4 Profile 10 MH 308 to MH 1943 Sqm 1 30.60 1.4 Profile 11 MH 308 to MH 1978 Sqm 1 30.60 1.4 Profile 12 MH 273 to MH 1978 Sqm 1 30.60 1.4 Profile 13 (Lewellery lane Road) MH 1990 to MH 2078 Profile 11 MH 1991 to MH 2078 Sqm 1 160.50 1.4 Profile 11 MH 1971 to MH 278 Sqm 1 30.60 1.4 Profile 12 MH 273 to MH 1978 Sqm 1 30.60 1.4 Profile 11 MH 1990 to MH 2078 Profile 12 (Lewellery lane Road) MH 1990 to MH 2078 Profile 11 (Lewellery lane Road) MH 1990 to MH 2078 Profile 12 (Lewellery lane Road) MH 1990 to MH 2078 Profile 12 (Lewellery lane Road) MH 1990 to MH 2078 Profile 13 (Lewellery lane Road) MH 1990 to MH 2078 Profile 15 (Lewellery lane Road) MH 1990 to MH 2078 Profile 15 (Lewellery lane Road) MH 1990 to MH 2078 Profile 15 (Lewellery lane Road) MH 1990 to MH 2078 Profile 15 (Lewellery lane Road) MH 894 to MH 895 Sqm 1 181.50 1.4		For House Hold Connection	Sqm	900	6.00	1.00		5400.00
KSRRB 300-45.Scarifying stone metal crust 50mm to 100 mm thick with pick axes along with premix carpet/surface dressing and stacking of old serviceable materials by manual means including cost of all labours charges complete as per specifications. MORTH /Chapter 3 KSRRB SI No.19.51.Pe No.147 Only for Pipe Portion Trench Profile 1 (Nellikai Road) MH 2210 to MH2209 Sqm 1 323.62 1.4 Profile 2 (Bunder Road) MH 1271 to MH2255 Sqm 1 0.00 1.4 Profile 3 (Mission Street Road) MH 1202 to MH 941 Sqm 1 246.20 1.4 Profile 4 (Market,Bibi Alabi and Kandak) MH 1205 to MH 2087 Profile 5 (Maidan Cross Road) MH 1011 to MH 2046 Sqm 1 104.40 1.4 Profile 5 (Central Market Road) MH 2058 to MH 1261 Sqm 1 107.90 1.4 Profile 7 (Maidan 3rd Cross Road) MH 2058 to MH 2072 Sqm 1 130.30 1.4 Profile 8 (Nellikiai Road) MH 2074 to MH 2072 Sqm 1 130.30 1.4 Profile 9 (Lewellery lane Road) MH 2074 to MH 2453 Sqm 1 130.00 1.4 Profile 10 MH 308 to MH 1943 Sqm 1 30.60 1.4 Profile 11 MH 308 to MH 1978 Sqm 1 30.60 1.4 Profile 12 MH 273 to MH 1978 Sqm 1 30.60 1.4 Profile 13 (Lewellery lane Road) MH 1990 to MH 2078 Profile 11 MH 1991 to MH 2078 Sqm 1 160.50 1.4 Profile 11 MH 1971 to MH 278 Sqm 1 30.60 1.4 Profile 12 MH 273 to MH 1978 Sqm 1 30.60 1.4 Profile 11 MH 1990 to MH 2078 Profile 12 (Lewellery lane Road) MH 1990 to MH 2078 Profile 11 (Lewellery lane Road) MH 1990 to MH 2078 Profile 12 (Lewellery lane Road) MH 1990 to MH 2078 Profile 12 (Lewellery lane Road) MH 1990 to MH 2078 Profile 13 (Lewellery lane Road) MH 1990 to MH 2078 Profile 15 (Lewellery lane Road) MH 1990 to MH 2078 Profile 15 (Lewellery lane Road) MH 1990 to MH 2078 Profile 15 (Lewellery lane Road) MH 1990 to MH 2078 Profile 15 (Lewellery lane Road) MH 894 to MH 895 Sqm 1 181.50 1.4			Sam				Total	12361.75
with pick axes along with premix carpet/surface dressing and stacking of old serviceable materials by manual means including cost of all labours charges complete as per specifications. MORTH /Chapter 3 KSRRB SI No. 19.51.Pg No.147 Only for Pipe Portion Trench Profile 1 (Neillikai Road) MH 2201 to MH2209 Sqm 1 323.62 1.4 Profile 2 (Bunder Road) MH 1271 to MH 2235 Sqm 1 0.00 1.4 Profile 3 (Mission Street Road) MH 1202 to MH941 Sqm 1 246.20 1.4 Profile 5 (Maidan Cross Road) MH 1260 to MH 2087 Sqm 1 779.90 1.4 1 Profile 6 (Central Market Road) MH 2058 to MH 2061 Profile 7 (Maidan 3rd Cross Road) MH 2058 to MH 2069 Sqm 1 100.90 1.4 Profile 7 (Maidan 3rd Cross Road) MH 2074 to MH 2072 Sqm 1 130.30 1.4 Profile 9 (Jewellery lane Road) MH 251 to MH 2453 Sqm 1 1 100.40 1.4 Profile 10 MH 308 to MH 1943 Sqm 1 1 30.00 1.4 Profile 10 MH 273 to MH 1970 Sqm 1 30.00 1.4 Profile 11 MH 147 to MH 1970 Sqm 1 30.00 1.4 Profile 12 MH 273 to MH 1978 Sqm 1 1 60.50 1.4 Profile 14 (Bhavanthi Street Road) MH 1990 to MH 2028 Sqm 1 1 60.50 1.4 Profile 14 (Bhavanthi Street Road) MH 894 to MH 895 Sqm 1 1 181.50 1.4 MH 896 to MH 895 Sqm 1 1 181.50 1.4 MH 896 to MH 895 Sqm 1 1 181.50 1.4 MH 896 to MH 895 Sqm 1 1 181.50 1.4 MH 896 to MH 895 Profile 16 (Maidan 1st Cross Road)								
with pick axes along with premix carpet/surface dressing and stacking of old serviceable materials by manual means including cost of all labours charges complete as per specifications. MORTH /Chapter 3 KSRRB SI No. 19.51.Pg No.147 Only for Pipe Portion Trench Profile 1 (Neillikai Road) MH 2201 to MH2209 Sqm 1 323.62 1.4 Profile 2 (Bunder Road) MH 1271 to MH 2235 Sqm 1 0.00 1.4 Profile 3 (Mission Street Road) MH 1202 to MH941 Sqm 1 246.20 1.4 Profile 5 (Maidan Cross Road) MH 1260 to MH 2087 Sqm 1 779.90 1.4 1 Profile 6 (Central Market Road) MH 2058 to MH 2061 Profile 7 (Maidan 3rd Cross Road) MH 2058 to MH 2069 Sqm 1 100.90 1.4 Profile 7 (Maidan 3rd Cross Road) MH 2074 to MH 2072 Sqm 1 130.30 1.4 Profile 9 (Jewellery lane Road) MH 251 to MH 2453 Sqm 1 1 100.40 1.4 Profile 10 MH 308 to MH 1943 Sqm 1 1 30.00 1.4 Profile 10 MH 273 to MH 1970 Sqm 1 30.00 1.4 Profile 11 MH 147 to MH 1970 Sqm 1 30.00 1.4 Profile 12 MH 273 to MH 1978 Sqm 1 1 60.50 1.4 Profile 14 (Bhavanthi Street Road) MH 1990 to MH 2028 Sqm 1 1 60.50 1.4 Profile 14 (Bhavanthi Street Road) MH 894 to MH 895 Sqm 1 1 181.50 1.4 MH 896 to MH 895 Sqm 1 1 181.50 1.4 MH 896 to MH 895 Sqm 1 1 181.50 1.4 MH 896 to MH 895 Sqm 1 1 181.50 1.4 MH 896 to MH 895 Profile 16 (Maidan 1st Cross Road)		KSRRB 300-45. Scarifying stone metal crust 50mm to 100 mm thick						
labours charges complete as per specifications. MORTH / Chapter 3 KSRB SI No. 19.51. Pz. No.147		with pick axes along with premix carpet/surface dressing and stacking						
labours charges complete as per specifications. MORTH /Chapter 3 KSRRB SI No.19.51.Pz No.147	2	of old serviceable materials by manual means including cost of all						
KSRRB SI No.19.51.Pz No.147	_							
Only for Pipe Portion Trench Profile 1 (Nellikai Road)		·						
Profile 1 (Nellikai Road)								
MH 2210 to MH2209 Sqm								
MH 1271 to MH 2235		, , , , , , , , , , , , , , , , , , , ,	Sqm	1	323.62	1.4		453.07
Profile 3 (Mission Street Road)		Profile 2 (Bunder Road)						
MH 1202 to MH 941			Sqm	1	0.00	1.4		0.00
Profile 4(Market,Bibi Alabi and Kandak)								
MH 1260 to MH 2087			Sqm	1	246.20	1.4		344.68
Profile 5 (Maidan Cross Road)					770.00			4004.00
MH 1011 to MH 2046 Sqm 1 104.40 1.4 Profile 6 (Central Market Road) MH 2058 to MH 1261 Sqm 1 107.90 1.4 Profile 7 (Maidan 3rd Cross Road) MH 2062 to MH 2069 Sqm 1 148.50 1.4 Profile 8 (Nellikai Road) MH 2074 to MH 2072 Sqm 1 130.30 1.4 Profile 9 (Jewellery lane Road) MH 1251 to MH 2453 Sqm 1 188.00 1.4 Profile 10 MH 308 to MH 1943 Sqm 1 100.40 1.4 Profile 11 MH 147 to MH 1970 Sqm 1 30.00 1.4 Profile 12 MH 273 to MH 1978 Sqm 1 30.60 1.4 Profile 13 (Jewellery lane Road) MH 1990 to MH 2028 Sqm 1 160.50 1.4 Profile 14(Bhavanthi Street Road) MH 894 to MH 895 Sqm 1 0.00 1.4 Profile 16 (Maidan 1st Cross Road)			Sqm	1	779.90	1.4		1091.86
Profile 6 (Central Market Road) MH 2058 to MH 1261 Sqm 1 107.90 1.4 Profile 7 (Maidan 3rd Cross Road) MH 2062 to MH 2069 Sqm 1 148.50 1.4 Profile 8 (Nellikia Road) MH 2074 to MH 2072 Sqm 1 130.30 1.4 Profile 9 (Jewellery lane Road) MH 1251 to MH 2453 Sqm 1 188.00 1.4 Profile 10 MH 308 to MH 1943 Sqm 1 100.40 1.4 Profile 11 MH 147 to MH 1970 Sqm 1 30.00 1.4 Profile 13 (Jewellery lane Road) MH 273 to MH 1978 Sqm 1 160.50 1.4 Profile 14 (Bhavanthi Street Road) MH 894 to MH 895 Sqm 1 0.00 1.4 Profile 15 (Central Market Road) MH 896 to MH 859 Sqm 1 181.50 1.4 Profile 16 (Maidan 1st Cross Road)			Sam	1	104.40	1 /		146.16
MH 2058 to MH 1261			Jqiii		104.40	1.4		140.10
Profile 7 (Maidan 3rd Cross Road) Sqm 1 148.50 1.4 MH 2062 to MH 2069 Sqm 1 148.50 1.4 Profile 8 (Nellikai Road) Sqm 1 130.30 1.4 MH 2074 to MH 2072 Sqm 1 188.00 1.4 Profile 9 (Jewellery lane Road) Sqm 1 188.00 1.4 Profile 10 Sqm 1 100.40 1.4 Profile 11 Sqm 1 100.40 1.4 MH 147 to MH 1970 Sqm 1 30.00 1.4 Profile 12 Sqm 1 30.60 1.4 MH 273 to MH 1978 Sqm 1 30.60 1.4 Profile 13 (Jewellery lane Road) Sqm 1 160.50 1.4 MH 1990 to MH 2028 Sqm 1 160.50 1.4 Profile 14 (Bhavanthi Street Road) Sqm 1 0.00 1.4 MH 896 to MH 895 Sqm 1 181.50 1.4 Profile 16 (Maidan 1st Cross Road) Sqm 1 181.50 1.4		,	Sam	1	107.90	1.4		151.06
Profile 8 (Nellikai Road) Sqm 1 130.30 1.4 MH 2074 to MH 2072 Sqm 1 130.30 1.4 Profile 9 (Jewellery lane Road) Sqm 1 188.00 1.4 MH 1251 to MH 2453 Sqm 1 188.00 1.4 Profile 10 Sqm 1 100.40 1.4 Profile 11 Sqm 1 30.00 1.4 MH 147 to MH 1970 Sqm 1 30.00 1.4 Profile 12 Sqm 1 30.60 1.4 MH 273 to MH 1978 Sqm 1 30.60 1.4 Profile 13 (Jewellery lane Road) Sqm 1 160.50 1.4 MH 1990 to MH 2028 Sqm 1 160.50 1.4 Profile 14(Bhavanthi Street Road) Sqm 1 0.00 1.4 Profile 15 (Central Market Road) Sqm 1 181.50 1.4 Profile 16 (Maidan 1st Cross Road) Sqm 1 181.50 1.4								
MH 2074 to MH 2072 Sqm 1 130.30 1.4 Profile 9 (Jewellery lane Road) Sqm 1 188.00 1.4 MH 1251 to MH 2453 Sqm 1 188.00 1.4 Profile 10 Sqm 1 100.40 1.4 Profile 11 Sqm 1 30.00 1.4 Profile 12 Sqm 1 30.00 1.4 Profile 13 (Jewellery lane Road) Sqm 1 30.60 1.4 Profile 14(Bhavanthi Street Road) Sqm 1 160.50 1.4 Profile 15 (Central Market Road) Sqm 1 0.00 1.4 Profile 16 (Maidan 1st Cross Road) Sqm 1 181.50 1.4		MH 2062 to MH 2069	Sqm	1	148.50	1.4		207.90
Profile 9 (Jewellery lane Road) MH 1251 to MH 2453 Sqm 1 188.00 1.4 Profile 10 MH 308 to MH 1943 Sqm 1 100.40 1.4 Profile 11 MH 147 to MH 1970 Sqm 1 30.00 1.4 Profile 12 MH 273 to MH 1978 Sqm 1 30.60 1.4 Profile 13 (Jewellery lane Road) MH 1990 to MH 2028 Sqm 1 160.50 1.4 Profile 14(Bhavanthi Street Road) MH 894 to MH 895 Sqm 1 0.00 1.4 Profile 15 (Central Market Road) MH 896 to MH 859 Sqm 1 181.50 1.4 Profile 16 (Maidan 1st Cross Road)		,						
MH 1251 to MH 2453 Sqm 1 188.00 1.4 Profile 10 MH 308 to MH 1943 Sqm 1 100.40 1.4 Profile 11 MH 147 to MH 1970 Sqm 1 30.00 1.4 Profile 12 MH 273 to MH 1978 Sqm 1 30.60 1.4 Profile 13 (Jewellery lane Road) Sqm 1 160.50 1.4 MH 1990 to MH 2028 Sqm 1 160.50 1.4 Profile 14(Bhavanthi Street Road) MH 894 to MH 895 Sqm 1 0.00 1.4 Profile 15 (Central Market Road) MH 896 to MH 859 Sqm 1 181.50 1.4 Profile 16 (Maidan 1st Cross Road)			Sqm	1	130.30	1.4		182.42
Profile 10 MH 308 to MH 1943 Sqm 1 100.40 1.4 Profile 11 Sqm 1 30.00 1.4 MH 147 to MH 1970 Sqm 1 30.00 1.4 Profile 12 Sqm 1 30.60 1.4 MH 273 to MH 1978 Sqm 1 30.60 1.4 Profile 13 (Jewellery lane Road) Sqm 1 160.50 1.4 MH 1990 to MH 2028 Sqm 1 160.50 1.4 Profile 14(Bhavanthi Street Road) Sqm 1 0.00 1.4 Profile 15 (Central Market Road) Sqm 1 181.50 1.4 MH 896 to MH 859 Sqm 1 181.50 1.4 Profile 16 (Maidan 1st Cross Road) Sqm 1 181.50 1.4					400.00			222.2
MH 308 to MH 1943 Sqm 1 100.40 1.4 Profile 11 MH 147 to MH 1970 Sqm 1 30.00 1.4 Profile 12 MH 273 to MH 1978 Sqm 1 30.60 1.4 Profile 13 (Jewellery lane Road) MH 1990 to MH 2028 Sqm 1 160.50 1.4 Profile 14(Bhavanthi Street Road) MH 894 to MH 895 Sqm 1 0.00 1.4 Profile 15 (Central Market Road) MH 896 to MH 859 Sqm 1 181.50 1.4 Profile 16 (Maidan 1st Cross Road)			Sqm	1	188.00	1.4		263.20
Profile 11 Sqm 1 30.00 1.4 Profile 12 Sqm 1 30.00 1.4 MH 273 to MH 1978 Sqm 1 30.60 1.4 Profile 13 (Jewellery lane Road) Sqm 1 160.50 1.4 MH 1990 to MH 2028 Sqm 1 160.50 1.4 Profile 14(Bhavanthi Street Road) Sqm 1 0.00 1.4 Profile 15 (Central Market Road) Sqm 1 181.50 1.4 Profile 16 (Maidan 1st Cross Road) Sqm 1 181.50 1.4			Cam	1	100.40	1 4		140 50
MH 147 to MH 1970 Sqm 1 30.00 1.4 Profile 12 MH 273 to MH 1978 Sqm 1 30.60 1.4 Profile 13 (Jewellery lane Road) MH 1990 to MH 2028 Sqm 1 160.50 1.4 Profile 14(Bhavanthi Street Road) MH 894 to MH 895 Sqm 1 0.00 1.4 Profile 15 (Central Market Road) MH 896 to MH 859 Sqm 1 181.50 1.4 Profile 16 (Maidan 1st Cross Road)			Sym	1	100.40	1.4		140.56
Profile 12 MH 273 to MH 1978 Sqm 1 30.60 1.4 Profile 13 (Jewellery lane Road) MH 1990 to MH 2028 Sqm 1 160.50 1.4 Profile 14(Bhavanthi Street Road) MH 894 to MH 895 Sqm 1 0.00 1.4 Profile 15 (Central Market Road) MH 896 to MH 859 Sqm 1 181.50 1.4 Profile 16 (Maidan 1st Cross Road)			Sam	1	30.00	1.4		42.00
MH 273 to MH 1978 Sqm 1 30.60 1.4 Profile 13 (Jewellery lane Road) MH 1990 to MH 2028 Sqm 1 160.50 1.4 Profile 14(Bhavanthi Street Road) MH 894 to MH 895 Sqm 1 0.00 1.4 Profile 15 (Central Market Road) MH 896 to MH 859 Sqm 1 181.50 1.4 Profile 16 (Maidan 1st Cross Road)			- 4		23.00			12.00
Profile 13 (Jewellery lane Road) Sqm 1 160.50 1.4 MH 1990 to MH 2028 Sqm 1 160.50 1.4 Profile 14(Bhavanthi Street Road) Sqm 1 0.00 1.4 MH 894 to MH 895 Sqm 1 0.00 1.4 Profile 15 (Central Market Road) Sqm 1 181.50 1.4 MH 896 to MH 859 Sqm 1 181.50 1.4 Profile 16 (Maidan 1st Cross Road) Sqm 1 181.50 1.4			Sqm	1	30.60	1.4		42.84
Profile 14(Bhavanthi Street Road) Sqm 1 0.00 1.4 MH 894 to MH 895 Sqm 1 0.00 1.4 Profile 15 (Central Market Road) Sqm 1 181.50 1.4 MH 896 to MH 859 Sqm 1 181.50 1.4 Profile 16 (Maidan 1st Cross Road) Sqm 1 181.50 1.4								
MH 894 to MH 895 Sqm 1 0.00 1.4 Profile 15 (Central Market Road) Sqm 1 181.50 1.4 MH 896 to MH 859 Sqm 1 181.50 1.4 Profile 16 (Maidan 1st Cross Road) Sqm 1 181.50 1.4			Sqm	1	160.50	1.4		224.70
Profile 15 (Central Market Road) Sqm 1 181.50 1.4 MH 896 to MH 859 Sqm 1 181.50 1.4 Profile 16 (Maidan 1st Cross Road) Sqm 1 181.50 1.4		· · · · · · · · · · · · · · · · · · ·						
MH 896 to MH 859 Sqm 1 181.50 1.4 Profile 16 (Maidan 1st Cross Road) Sqm 1 181.50 1.4			Sqm	1	0.00	1.4		0.00
Profile 16 (Maidan 1st Cross Road)			C		404.50			25442
			Sqm	1	181.50	1.4		254.10
Sqiii 1 70.20 1.4 1 1 1 1 1 1 1 1 1		,	Sam	1	70.20	1 4		00.20
Profile 17 (Central Market Road)			JyIII	1	70.20	1.4		98.28

SI.No.	Description of Work	Unit	No	L	В	D	Qty
	MH 1959 to MH 859	Sqm	1	126.10	1.4		176.54
	Profile 18 (Gouri Mutt Street)						
	MH 1135 to MH 2007	Sqm	1	204.10	1.4		285.74
	Profile 19 (Gouri Mutt Road)			20.20			20.42
	MH 78 to MH 1999 Profile 20(Gouri Mutt Road)	Sqm	1	20.30	1.4		28.42
	MH 570 to MH 2003	Sqm	1	51.10	1.4		71.54
	Profile 21(Gouri Mutt Road)	Sqiii		31.10	1.4		71.54
	MH 168 to MH 2006	Sqm	1	28.10	1.4		39.34
	Profile 22 (Bhavanthi Street Road)						
	MH 136 to MH 2009	Sqm	1	0.00	1.4		0.00
	Profile 23						
	MH 742 to MH 743	Sqm	1	67.20	1.4		94.08
	Profile 24			20.50			40.04
	MH 271 to MH 2012	Sqm	1	28.60	1.4		40.04
	Profile 25 (MPT Road) MH 993 to MH 1053	Sqm	1	216.84	1.4		303.58
	Profile 26 (MPT Cross Road)	Sylli	1	210.04	1.4		303.36
	MH 762 to MH 2138	Sqm	1	93.12	1.4		130.37
	Profile 27 (MPT Cross Road)		_				
	MH 982 TO MH 2398	Sqm	1	399.10	1.4		558.74
	Profile 28 (Jodumutt Road)						
	MH 786 TO MH 787	Sqm	1	72.40	1.4		101.36
	Profile 29 (Bhavanthi Street Road)						
	MH 894 TO MH 895	Sqm	1	0.00	1.4		0.00
	Profile 30 (Cross Road)	_					
	MH 678 TO MH 695	Sqm	1	70.20	1.4		98.28
	Profile 31 (Raghavendra and Mukyaprana Temple Road) MH 2020 to MH 1090	C	1	0.00	1.4		0.00
	Profile 32 (Raghavendra Mutt Cross Road)	Sqm	1	0.00	1.4		0.00
	MH 967 to MH 2157	Sqm	1	184.70	1.4		258.58
	Profile 33 (Nellikai Cross Road)	Jqiii	_	10 1170	2.1		230.30
	MH 940 to MH 2221	Sqm	1	94.60	1.4		132.44
	Profile 34 (Raghavendra Mutt Road)						
	MH 766 to MH 767	Sqm	1	62.80	1.4		87.92
	Profile 35 (Cross Road)						
	MH 2159 to MH 364	Sqm	1	14.40	1.4		20.16
	Profile 36 (Mukyaprana Temple Road)						
	MH 2167 to MH 2164	Sqm	1	26.80	1.4		37.52
	Profile 37 (MPT Cross Road) MH 2399 to MH 2405	C	1	119.80	1.4		167.73
	WIR 2399 to Win 2403	Sqm	1	119.80	1.4		167.72
	Only for Manhole portion						
	Profile 1 (Nellikai Road)						
	MH 2210 to MH2209	Sqm	13	2.00	2.00		52.00
	Profile 2 (Bunder Road)						
	MH 1271 to MH 2235	Sqm	0	2.00	2.00		0.00
	Profile 3 (Mission Street Road)						
	MH 1202 to MH 941	Sqm	8	2.00	2.00		32.00
	Profile 4(Market,Bibi Alabi and Kandak)						
	MH 1260 to MH 2087	Sqm	31	2.00	2.00		124.00
	Profile 5 (Maidan Cross Road)	C	_	4 70	4 70		4445
	MH 1011 to MH 2046	Sqm	5	1.70	1.70		14.45
	Profile 6 (Central Market Road) MH 2058 to MH 1261	Sqm	6	1.70	1.70		17.34
	Profile 7 (Maidan 3rd Cross Road)	Jylli	0	1.70	1.70		17.34
	MH 2062 to MH 2069	Sqm	5	1.70	1.70		14.45
	Profile 8 (Nellikai Road)	24		20	2.70		
	MH 2074 to MH 2072	Sqm	5	2.00	2.00		20.00
	Profile 9 (Jewellery lane Road)						
	MH 1251 to MH 2453	Sqm	8	2.00	2.00		32.00
	Profile 10						
	MH 308 to MH 1943	Sqm	5	2.00	2.00		20.00
	Profile 11						
	MH 147 to MH 1970	Sqm	1	1.70	1.70	ļ	2.89
	Profile 12						

SI.No.	Description of Work	Unit	No	L	В	D	Qty
	MH 273 to MH 1978	Sqm	1	1.70	1.70		2.89
	Profile 13 (Jewellery lane Road)						
	MH 1990 to MH 2028	Sqm	7	1.70	1.70		20.23
	Profile 14(Bhavanthi Street Road)						
	MH 894 to MH 895	Sqm	0	1.70	1.70		0.00
	Profile 15 (Central Market Road)						
	MH 896 to MH 859	Sqm	9	2.00	2.00		36.00
	Profile 16 (Maidan 1st Cross Road)						
	MH 764 to MH 765	Sqm	3	1.70	1.70		8.67
	Profile 17 (Central Market Road)						
	MH 1959 to MH 859	Sqm	4	1.70	1.70		11.56
	Profile 18 (Gouri Mutt Street)						
	MH 1135 to MH 2007	Sqm	8	2.00	2.00		32.00
	Profile 19 (Gouri Mutt Road)						
	MH 78 to MH 1999	Sqm	1	1.70	1.70		2.89
	Profile 20(Gouri Mutt Road)						
	MH 570 to MH 2003	Sqm	2	2.00	2.00		8.00
	Profile 21(Gouri Mutt Road)						
	MH 168 to MH 2006	Sqm	1	1.70	1.70		2.89
	Profile 22 (Bhavanthi Street Road)						
	MH 136 to MH 2009	Sqm	0	1.70	1.70		0.00
	Profile 23						
	MH 742 to MH 743	Sqm	3	1.70	1.70		8.67
	Profile 24						
	MH 271 to MH 2012	Sqm	1	1.70	1.70		2.89
	Profile 25 (MPT Road)						
	MH 993 to MH 1053	Sqm	6	2.30	2.30		31.74
	MH 993 to MH 1053	Sqm	3	2.30	2.30		15.87
	Profile 26 (MPT Cross Road)						
	MH 762 to MH 2138	Sqm	5	2.00	2.00		20.00
	Profile 27 (MPT Cross Road)						
	MH 982 TO MH 2398	Sqm	12	2.00	2.00		48.00
	MH 982 TO MH 2398	Sqm	2	2.00	2.00		8.00
	Profile 28 (Jodumutt Road)						
	MH 786 TO MH 787	Sqm	3	1.70	1.70		8.67
	Profile 29 (Bhavanthi Street Road)						
	MH 894 TO MH 895	Sqm	0	1.70	1.70		0.00
	Profile 30 (Cross Road)						
	MH 678 TO MH 695	Sqm	4	2.00	2.00		16.00
	Profile 31 (Raghavendra and Mukyaprana Temple Road)						
	MH 2020 to MH 1090	Sqm	0	2.30	2.30		0.00
	Profile 32 (Raghavendra Mutt Cross Road)						
	MH 967 to MH 2157	Sqm	7	1.70	1.70		20.23
	Profile 33 (Nellikai Cross Road)						
	MH 940 to MH 2221	Sqm	5	1.70	1.70		14.45
	Profile 34 (Raghavendra Mutt Road)						
	MH 766 to MH 767	Sqm	3	2.00	2.00		12.00
	Profile 35 (Cross Road)						
	MH 2159 to MH 364	Sqm	1	1.70	1.70		2.89
	Profile 36 (Mukyaprana Temple Road)						
	MH 2167 to MH 2164	Sqm	1	1.70	1.70		2.89
	Profile 37 (MPT Cross Road)						
	MH 2399 to MH 2405	Sqm	5	2.00	2.00		20.00
	For House Hold Connection	Sqm	900	6.00	1.00		5400.00
		'					
		Sqm				Total	12361.75

SI.No.	Description of Work	Unit	No	L	В	D	Qty
3	Earthwork excavation for pipeline trenches (Except building work) including barricading depositing on bank with all lead including danger lighting and using sight rails and boning rods including shoring, strutting, bailing out water at every 100 meters wherever neccessary as directed in the following Strata KUWSDB SR 15-16, SI No 1, Pg No 5						
i)	do in all soils mixed mixed with boulders of 30 cms size upto an exclusive of disintegrated rock D182						
а	0 to 2 mtr Depth (for 1.4m Width)						
	Profile 1 (Nellikai Road)						
	MH 2210 to MH2209	Cum	1	323.62	1.4	1.42	642.04
	Profile 2 (Bunder Road) MH 1271 to MH 2235	Cum	1	0.00	1.4	0.00	0.00
	Profile 3 (Mission Street Road)	Cum	1	0.00	1.4	0.00	0.00
	MH 1202 to MH 941	Cum	1	246.20	1.4	1.47	507.25
	Profile 4(Market,Bibi Alabi and Kandak)						
	MH 1260 to MH 2087	Cum	1	779.90	1.4	1.30	1419.42
	Profile 5 (Maidan Cross Road)						
	MH 1011 to MH 2046 Profile 6 (Central Market Road)	Cum	1	104.40	1.4	1.30	189.86
	MH 2058 to MH 1261	Cum	1	107.90	1.4	1.38	207.83
	Profile 7 (Maidan 3rd Cross Road)	Cum		107.50	2.1	1.50	207.03
	MH 2062 to MH 2069	Cum	1	148.50	1.4	1.43	297.71
	Profile 8 (Nellikai Road)						
	MH 2074 to MH 2072	Cum	1	130.30	1.4	1.50	273.08
	Profile 9 (Jewellery lane Road)						
	MH 1251 to MH 2453	Cum	1	188.00	1.4	1.41	370.17
	Profile 10	Cure		100.40	1.4	1.50	210.04
	MH 308 to MH 1943 Profile 11	Cum	1	100.40	1.4	1.50	210.84
	MH 147 to MH 1970	Cum	1	30.00	1.4	1.49	62.37
	Profile 12	Cum		30.00		1.13	02.57
	MH 273 to MH 1978	Cum	1	30.60	1.4	1.50	64.26
	Profile 13 (Jewellery lane Road)						
	MH 1990 to MH 2028	Cum	1	160.50	1.4	1.50	337.05
	Profile 14(Bhavanthi Street Road)						
	MH 894 to MH 895	Cum	1	0.00	1.4	0.00	0.00
	Profile 15 (Central Market Road) MH 896 to MH 859	Cum	1	181.50	1.4	1.41	359.08
	Profile 16 (Maidan 1st Cross Road)	Cuiii		101.50	1.4	1.41	333.00
	MH 764 to MH 765	Cum	1	70.20	1.4	1.46	143.00
	Profile 17 (Central Market Road)						
	MH 1959 to MH 859	Cum	1	126.10	1.4	1.28	225.99
	Profile 18 (Gouri Mutt Street)						
	MH 1135 to MH 2007	Cum	1	204.10	1.4	1.49	425.93
	Profile 19 (Gouri Mutt Road)			20.20		4.50	42.62
	MH 78 to MH 1999 Profile 20(Gouri Mutt Road)	Cum	1	20.30	1.4	1.50	42.63
	MH 570 to MH 2003	Cum	1	51.10	1.4	1.50	107.31
	Profile 21(Gouri Mutt Road)	Cuiii		31.10	1.4	1.50	107.31
	MH 168 to MH 2006	Cum	1	28.10	1.4	1.50	59.01
	Profile 22 (Bhavanthi Street Road)						
	MH 136 to MH 2009	Cum	1	0.00	1.4	0.00	0.00
	Profile 23						
	MH 742 to MH 743	Cum	1	67.20	1.4	1.50	140.96
	Profile 24 MH 271 to MH 2012	C		20.00	4.4	1.50	60.00
	MH 271 to MH 2012 Profile 25 (MPT Road)	Cum	1	28.60	1.4	1.50	60.06
	MH 993 to MH 1053	Cum	1	216.84	1.4	1.47	446.03
	Profile 26 (MPT Cross Road)	5			<u> </u>	/	
	MH 762 to MH 2138	Cum	1	93.12	1.4	1.50	195.55
	Profile 27 (MPT Cross Road)						
	MH 982 TO MH 2398	Cum	1	399.10	1.4	1.46	817.44
	Profile 28 (Jodumutt Road)						
	MH 786 TO MH 787	Cum	1	72.40	1.4	1.50	152.04
	Profile 29 (Bhavanthi Street Road)						

SI.No.	Description of Work	Unit	No	L	В	D	Qty
	Profile 30 (Cross Road)						
	MH 678 TO MH 695	Cum	1	70.20	1.4	1.46	143.24
	Profile 31 (Raghavendra and Mukyaprana Temple Road)						
	MH 2020 to MH 1090	Cum	1	0.00	1.4	0.00	0.00
	Profile 32 (Raghavendra Mutt Cross Road)						
	MH 967 to MH 2157	Cum	1	184.70	1.4	1.40	361.64
	Profile 33 (Nellikai Cross Road)			04.60		4.00	460.65
	MH 940 to MH 2221 Profile 34 (Raghavendra Mutt Road)	Cum	1	94.60	1.4	1.28	169.65
	MH 766 to MH 767	Cum	1	62.80	1.4	1.50	131.88
	Profile 35 (Cross Road)	Cum		02.80	1.4	1.50	131.00
	MH 2159 to MH 364	Cum	1	14.40	1.4	1.50	30.24
	Profile 36 (Mukyaprana Temple Road)			20		1.00	55.2
	MH 2167 to MH 2164	Cum	1	26.80	1.4	1.40	52.66
	Profile 37 (MPT Cross Road)						
	MH 2399 to MH 2405	Cum	1	119.80	1.4	1.31	219.04
							8865.28
b	0 to 2 mtr Depth (for 0.80m Width)						
	Profile 1 (Nellikai Road)						
	MH 2210 to MH2209	Cum	1	323.62	0.80	0.27	69.58
	Profile 2 (Bunder Road)						
	MH 1271 to MH 2235	Cum	1	0	0.80	0.00	0.00
	Profile 3 (Mission Street Road)	C		246.2	0.00	0.47	02.05
	MH 1202 to MH 941 Profile 4(Market,Bibi Alabi and Kandak)	Cum	1	246.2	0.80	0.47	92.85
	MH 1260 to MH 2087	Cum	1	779.9	0.80	0.00	0.00
	Profile 5 (Maidan Cross Road)	Cuiii	1	779.9	0.60	0.00	0.00
	MH 1011 to MH 2046	Cum	1	104.4	0.80	0.00	0.00
	Profile 6 (Central Market Road)	Cum		104.4	0.00	0.00	0.00
	MH 2058 to MH 1261	Cum	1	107.9	0.80	0.00	0.00
	Profile 7 (Maidan 3rd Cross Road)						
	MH 2062 to MH 2069	Cum	1	148.5	0.80	0.36	42.57
	Profile 8 (Nellikai Road)						
	MH 2074 to MH 2072	Cum	1	130.3	0.80	0.44	45.61
	Profile 9 (Jewellery lane Road)						
	MH 1251 to MH 2453	Cum	1	188	0.80	0.00	0.00
	Profile 10						
	MH 308 to MH 1943	Cum	1	100.4	0.80	0.46	37.27
	Profile 11					2.22	
	MH 147 to MH 1970	Cum	1	30	0.80	0.00	0.00
	Profile 12	Civina	1	20.6	0.00	0.12	2.10
	MH 273 to MH 1978 Profile 13 (Jewellery lane Road)	Cum	1	30.6	0.80	0.13	3.18
	MH 1990 to MH 2028	Cum	1	160.5	0.80	0.38	48.79
	Profile 14(Bhavanthi Street Road)	Cum		100.5	0.80	0.36	40.73
	MH 894 to MH 895	Cum	1	0	0.80	0.00	0.00
	Profile 15 (Central Market Road)				0.00	0.00	0.00
	MH 896 to MH 859	Cum	1	181.5	0.80	0.25	36.78
	Profile 16 (Maidan 1st Cross Road)						
	MH 764 to MH 765	Cum	1	70.2	0.80	0.11	6.18
	Profile 17 (Central Market Road)						
	MH 1959 to MH 859	Cum	1	126.1	0.80	0.00	0.00
	Profile 18 (Gouri Mutt Street)						
	MH 1135 to MH 2007	Cum	1	204.1	0.80	0.40	65.08
	Profile 19 (Gouri Mutt Road)						
	MH 78 to MH 1999	Cum	1	20.3	0.80	0.11	1.73
	Profile 20(Gouri Mutt Road)						
	MH 570 to MH 2003	Cum	1	51.1	0.80	0.34	13.80
	Profile 21(Gouri Mutt Road)			20.6	0.00	0.35	
	MH 168 to MH 2006	Cum	1	28.1	0.80	0.25	5.70
	Profile 22 (Bhavanthi Street Road)	C			0.00	0.00	0.00
	MH 136 to MH 2009	Cum	1	0	0.80	0.00	0.00
	Profile 23 MH 742 to MH 743	Cum	1	67.2	0.80	0.29	15 22
	Profile 24	Cum		07.2	0.80	0.29	15.32
	MH 271 to MH 2012	Cum	1	28.6	0.80	0.02	0.56

SI.No.	Description of Work	Unit	No	L	В	D	Qty
	Profile 25 (MPT Road)			245.24			
	MH 993 to MH 1053 Profile 26 (MPT Cross Road)	Cum	1	216.84	0.80	0.44	76.17
	MH 762 to MH 2138	Cum	1	93.12	0.80	0.49	36.65
	Profile 27 (MPT Cross Road)						
	MH 982 TO MH 2398	Cum	1	399.1	0.80	0.46	146.87
	Profile 28 (Jodumutt Road) MH 786 TO MH 787	Cum	1	72.4	0.80	0.46	26.64
	Profile 29 (Bhavanthi Street Road)	Cum		, 2	0.00	0.10	20.01
	MH 894 TO MH 895	Cum	1	0	0.80	0.00	0.00
	Profile 30 (Cross Road)			70.0	0.00	0.40	22.27
	MH 678 TO MH 695 Profile 31 (Raghavendra and Mukyaprana Temple Road)	Cum	1	70.2	0.80	0.40	22.37
	MH 2020 to MH 1090	Cum	1	0	0.80	0.00	0.00
	Profile 32 (Raghavendra Mutt Cross Road)						
	MH 967 to MH 2157	Cum	1	184.7	0.80	0.39	58.22
	Profile 33 (Nellikai Cross Road) MH 940 to MH 2221	Cum	1	94.6	0.80	0.00	0.00
	Profile 34 (Raghavendra Mutt Road)	Cuiii		34.0	0.80	0.00	0.00
	MH 766 to MH 767	Cum	1	62.8	0.80	0.34	17.08
	Profile 35 (Cross Road)						
	MH 2159 to MH 364	Cum	1	14.4	0.80	0.18	2.06
	Profile 36 (Mukyaprana Temple Road) MH 2167 to MH 2164	Cum	1	26.8	0.80	0.00	0.00
	Profile 37 (MPT Cross Road)	Cum		20.0	0.00	0.00	0.00
	MH 2399 to MH 2405	Cum	1	119.8	0.80	0.14	13.34
							884.40
С	0 to 2 mtr Depth (Manhole) Profile 1 (Nellikai Road)						
	MH 2210 to MH2209	Cum	13	2	2	1.69	87.66
	Profile 2 (Bunder Road)						
	MH 1271 to MH 2235	Cum	0	2	2	0.00	0.00
	Profile 3 (Mission Street Road)	Come	0	2.00	2.00	1.04	62.10
	MH 1202 to MH 941 Profile 4(Market,Bibi Alabi and Kandak)	Cum	8	2.00	2.00	1.94	62.18
	MH 1260 to MH 2087	Cum	31	2	2	1.66	205.81
	Profile 5 (Maidan Cross Road)						
	MH 1011 to MH 2046	Cum	5	1.7	1.7	1.30	18.77
	Profile 6 (Central Market Road) MH 2058 to MH 1261	Cum	6	1.7	1.7	1.38	23.86
	Profile 7 (Maidan 3rd Cross Road)	Cuiii	0	1.7	1.7	1.50	23.00
	MH 2062 to MH 2069	Cum	5	1.7	1.7	1.79	25.87
	Profile 8 (Nellikai Road)						
	MH 2074 to MH 2072	Cum	5	2.00	2.00	1.93	38.69
	Profile 9 (Jewellery lane Road) MH 1251 to MH 2453	Cum	8	2.00	2.00	1.41	45.01
	Profile 10	Cum	- 0	2.00	2.00	1.71	45.01
	MH 308 to MH 1943	Cum	5	2.00	2.00	1.96	39.28
	Profile 11						
	MH 147 to MH 1970 Profile 12	Cum	1	1.7	1.7	1.49	4.29
	MH 273 to MH 1978	Cum	1	1.7	1.7	1.63	4.71
	Profile 13 (Jewellery lane Road)			2.,	2.,	2.00	
	MH 1990 to MH 2028	Cum	7	1.7	1.7	1.87	37.90
	Profile 14(Bhavanthi Street Road)			4.7	4.7	0.00	0.00
	MH 894 to MH 895 Profile 15 (Central Market Road)	Cum	0	1.7	1.7	0.00	0.00
	MH 896 to MH 859	Cum	9	2	2	1.67	59.99
	Profile 16 (Maidan 1st Cross Road)						
	MH 764 to MH 765	Cum	3	1.7	1.7	1.57	13.57
	Profile 17 (Central Market Road)	Cum	Α.	1 7	17	1 20	14.00
	MH 1959 to MH 859 Profile 18 (Gouri Mutt Street)	Cum	4	1.7	1.7	1.28	14.80
	MH 1135 to MH 2007	Cum	8	2.0	2.0	1.89	60.45
	Profile 19 (Gouri Mutt Road)						
	MH 78 to MH 1999	Cum	1	1.7	1.7	1.61	4.64
<u> </u>	Profile 20(Gouri Mutt Road)						

SI.No.	Description of Work	Unit	No	L	В	D	Qty
	MH 570 to MH 2003	Cum	2	2.0	2.0	1.84	14.70
	Profile 21(Gouri Mutt Road)						
	MH 168 to MH 2006 Profile 22 (Bhavanthi Street Road)	Cum	1	1.7	1.7	1.75	5.07
	MH 136 to MH 2009	Cum	0	1.7	1.7	0.00	0.00
	Profile 23	Cum	Ü	1.7	1.7	0.00	0.00
	MH 742 to MH 743	Cum	3	1.7	1.7	1.78	15.46
	Profile 24						
	MH 271 to MH 2012	Cum	1	1.7	1.7	1.52	4.41
	Profile 25 (MPT Road) MH 993 to MH 1053	Cum	6	2.3	2.3	1.91	60.57
	MH 993 to MH 1053	Cum	3	2.3	2.3	1.91	30.29
	Profile 26 (MPT Cross Road)						
	MH 762 to MH 2138	Cum	5	2	2	1.99	39.84
	Profile 27 (MPT Cross Road)						
	MH 982 TO MH 2398	Cum	12	2.00	2.00	1.92	92.30
	MH 982 TO MH 2398	Cum	2	2.00	2.00	1.92	15.38
	Profile 28 (Jodumutt Road) MH 786 TO MH 787	Cum	3	1.7	1.7	1.96	16.99
	Profile 29 (Bhavanthi Street Road)	Cuili	3	1.7	1.7	1.50	10.33
	MH 894 TO MH 895	Cum	0	1.7	1.7	0.00	0.00
	Profile 30 (Cross Road)						
	MH 678 TO MH 695	Cum	4	2.00	2.00	1.86	29.69
	Profile 31 (Raghavendra and Mukyaprana Temple Road)						
	MH 2020 to MH 1090	Cum	0	2.30	2.30	0.00	0.00
	Profile 32 (Raghavendra Mutt Cross Road) MH 967 to MH 2157	Cum	7	1.70	1.70	1.79	36.26
	Profile 33 (Nellikai Cross Road)	Cum	,	1.70	1.70	1.79	30.20
	MH 940 to MH 2221	Cum	5	1.70	1.70	1.28	18.51
	Profile 34 (Raghavendra Mutt Road)	Cum		=•			
	MH 766 to MH 767	Cum	3	2.00	2.00	1.84	22.08
	Profile 35 (Cross Road)	Cum					
	MH 2159 to MH 364	Cum	1	1.70	1.70	1.68	4.85
	Profile 36 (Mukyaprana Temple Road)	Cum	1	1.70	1.70	1 40	4.00
	MH 2167 to MH 2164 Profile 37 (MPT Cross Road)	Cum	1	1.70	1.70	1.40	4.06
	MH 2399 to MH 2405	Cum	5	2.00	2.00	1.45	28.90
							1186.85
	For House Hold Connection	Cum	900	6.00	1.00	0.9	4860.00
	Total Qty	Cum					15796.53
4	Earthwork excavation for pipeline trenches (Except building work) including barricading depositing on bank with all lead including danger lighting and using sight rails and boning rods including shoring, strutting, bailing out water at every 100 meters wherever neccessary as directed in the following Strata KUWSDB SR 15-16, SI No ii, Pg No 5						
i)	do in disintegrated rock,soft rock,soft shale and medium hard rock comprising of lime stone,sand stone hard shale,schiest,fissured rock without resorting to blasting						
а	2 to 4 mtr Depth (for 0.80m Width)						
	Profile 1 (Nellikai Road)						
	MH 2210 to MH2209	Cum	1	323.62	0.80	0.00	0.00
	Profile 2 (Bunder Road) MH 1271 to MH 2235	Cum	1	0	0.80	0.00	0.00
	Profile 3 (Mission Street Road)	Cum	1	U	0.80	0.00	0.00
	MH 1202 to MH 941	Cum	1	246.2	0.80	0.49	95.53
	Profile 4(Market,Bibi Alabi and Kandak)						
	MH 1260 to MH 2087	Cum	1	779.9	0.80	0.00	0.00
	Profile 5 (Maidan Cross Road)						
	MH 1011 to MH 2046	Cum	1	104.4	0.80	0.00	0.00
	Profile 6 (Central Market Road)	C		407.0	0.00	0.00	2.22
-	MH 2058 to MH 1261 Profile 7 (Maidan 3rd Cross Road)	Cum	1	107.9	0.80	0.00	0.00
	MH 2062 to MH 2069	Cum	1	148.5	0.80	0.00	0.00
	Profile 8 (Nellikai Road)	Cum	1	1-0.5	0.00	5.00	0.00
	rome o (Hemkar Roda)	1					

SI.No.	Description of Work	Unit	No	L	В	D	Qty
	MH 2074 to MH 2072	Cum	1	130.3	0.80	0.21	22.24
	Profile 9 (Jewellery lane Road)						
	MH 1251 to MH 2453 Profile 10	Cum	1	188	0.80	0.00	0.00
	MH 308 to MH 1943	Cum	1	100.4	0.80	0.27	21.28
	Profile 11	Cum		100.1	0.00	0.27	21.20
	MH 147 to MH 1970	Cum	1	30	0.80	0.00	0.00
	Profile 12						
	MH 273 to MH 1978	Cum	1	30.6	0.80	0.00	0.00
	Profile 13 (Jewellery lane Road) MH 1990 to MH 2028	Cum	1	160.5	0.80	1.00	127.91
	Profile 14(Bhavanthi Street Road)	Cuiii	1	100.5	0.60	1.00	127.91
	MH 894 to MH 895	Cum	1	0	0.80	0.00	0.00
	Profile 15 (Central Market Road)						
	MH 896 to MH 859	Cum	1	181.5	0.80	0.00	0.00
	Profile 16 (Maidan 1st Cross Road)						
	MH 764 to MH 765 Profile 17 (Control Market Bood)	Cum	1	70.2	0.80	0.00	0.00
	Profile 17 (Central Market Road) MH 1959 to MH 859	Cum	1	126.1	0.80	0.00	0.00
	Profile 18 (Gouri Mutt Street)	Cuiii	1	120.1	0.00	0.00	0.00
	MH 1135 to MH 2007	Cum	1	204.1	0.80	0.15	23.68
	Profile 19 (Gouri Mutt Road)						
	MH 78 to MH 1999	Cum	1	20.3	0.80	0.00	0.00
	Profile 20(Gouri Mutt Road)						_
	MH 570 to MH 2003	Cum	1	51.1	0.80	0.35	14.19
	Profile 21(Gouri Mutt Road) MH 168 to MH 2006	Cum	1	28.1	0.80	0.00	0.00
	Profile 22 (Bhavanthi Street Road)	Cum		20.1	0.80	0.00	0.00
	MH 136 to MH 2009	Cum	1	0	0.80	0.00	0.00
	Profile 23						
	MH 742 to MH 743	Cum	1	67.2	0.80	0.00	0.00
	Profile 24						
	MH 271 to MH 2012	Cum	1	28.6	0.80	0.00	0.00
	Profile 25 (MPT Road) MH 993 to MH 1053	Cum	1	216.84	0.80	1.22	211.62
	Profile 26 (MPT Cross Road)	Cum		210.04	0.00	1.22	211.02
	MH 762 to MH 2138	Cum	1	93.12	0.80	1.10	82.12
	Profile 27 (MPT Cross Road)						
	MH 982 TO MH 2398	Cum	1	399.1	0.80	0.81	259.22
	Profile 28 (Jodumutt Road)						====
	MH 786 TO MH 787 Profile 29 (Bhavanthi Street Road)	Cum	1	72.4	0.80	1.22	70.81
	MH 894 TO MH 895	Cum	1	0	0.80	0.00	0.00
	Profile 30 (Cross Road)	Cum	_	- 0	0.00	0.00	0.00
	MH 678 TO MH 695	Cum	1	70.2	0.80	0.14	7.86
	Profile 31 (Raghavendra and Mukyaprana Temple Road)						
	MH 2020 to MH 1090	Cum	1	0	0.80	0.00	0.00
	Profile 32 (Raghavendra Mutt Cross Road)			4047	2.00	0.44	46.05
	MH 967 to MH 2157 Profile 33 (Nellikai Cross Road)	Cum	1	184.7	0.80	0.11	16.25
	MH 940 to MH 2221	Cum	1	94.6	0.80	0.00	0.00
	Profile 34 (Raghavendra Mutt Road)	Cum		3 1.0	0.00	0.00	0.00
	MH 766 to MH 767	Cum	1	62.8	0.80	0.13	6.29
	Profile 35 (Cross Road)						
	MH 2159 to MH 364	Cum	1	14.4	0.80	0.00	0.00
	Profile 36 (Mukyaprana Temple Road)	C		36.0	0.00	0.00	0.00
	MH 2167 to MH 2164 Profile 37 (MPT Cross Road)	Cum	1	26.8	0.80	0.00	0.00
	MH 2399 to MH 2405	Cum	1	119.8	0.80	0.00	0.00
		Cuiii		113.0	3.00	5.00	5.00
							959.00
b	2 to 4 mtr Depth (Manhole)						
	Profile 1 (Nellikai Road)						
	MH 2210 to MH2209	Cum	13	2	2	0.25	13.00
	Profile 2 (Bunder Road) MH 1271 to MH 2235	Cum	0	2	2	0.25	0.00
	Profile 3 (Mission Street Road)	Cum	U			0.25	0.00
			l				

SI.No.	Description of Work	Unit	No	L	В	D	Qty
	MH 1202 to MH 941	Cum	8	2	2	0.74	23.52
	Profile 4(Market,Bibi Alabi and Kandak)	Comm	21	2	2	0.51	62.24
	MH 1260 to MH 2087 Profile 5 (Maidan Cross Road)	Cum	31		2	0.51	63.24
	MH 1011 to MH 2046	Cum	5	1.7	1.7	0.25	3.61
	Profile 6 (Central Market Road)						
	MH 2058 to MH 1261	Cum	6	1.7	1.7	0.25	4.34
	Profile 7 (Maidan 3rd Cross Road)		_				
	MH 2062 to MH 2069 Profile 8 (Nellikai Road)	Cum	5	1.7	1.7	0.25	3.61
	MH 2074 to MH 2072	Cum	5	2	2	0.46	9.27
	Profile 9 (Jewellery lane Road)	Cum				0.10	3.27
	MH 1251 to MH 2453	Cum	8	2	2	0.25	8.00
	Profile 10						
	MH 308 to MH 1943	Cum	5	2	2	0.52	10.30
	Profile 11 MH 147 to MH 1970	Cum	1	1 7	1 7	0.25	0.72
	Profile 12	Cum	1	1.7	1.7	0.25	0.72
	MH 273 to MH 1978	Cum	1	1.7	1.7	0.25	0.72
	Profile 13 (Jewellery lane Road)						
	MH 1990 to MH 2028	Cum	7	1.7	1.7	1.25	25.21
	Profile 14(Bhavanthi Street Road)						
	MH 894 to MH 895	Cum	0	1.7	1.7	0.25	0.00
	Profile 15 (Central Market Road) MH 896 to MH 859	Cum	9	1	2	0.25	0.00
	Profile 16 (Maidan 1st Cross Road)	Cum	9	2	2	0.25	9.00
	MH 764 to MH 765	Cum	3	1.7	1.7	0.25	2.17
	Profile 17 (Central Market Road)		_				
	MH 1959 to MH 859	Cum	4	1.7	1.7	0.25	2.89
	Profile 18 (Gouri Mutt Street)						
	MH 1135 to MH 2007	Cum	8	2	2	0.40	12.64
	Profile 19 (Gouri Mutt Road) MH 78 to MH 1999	Cum	1	1.7	1.7	0.25	0.72
	Profile 20(Gouri Mutt Road)	Cum	1	1.7	1.7	0.25	0.72
	MH 570 to MH 2003	Cum	2	2	2	0.60	4.78
	Profile 21(Gouri Mutt Road)						
	MH 168 to MH 2006	Cum	1	1.7	1.7	0.25	0.72
	Profile 22 (Bhavanthi Street Road)		_				
	MH 136 to MH 2009	Cum	0	1.7	1.7	0.25	0.00
	Profile 23 MH 742 to MH 743	Cum	3	1.7	1.7	0.25	2.17
	Profile 24	Cuiii		1.7	1.7	0.23	2.17
	MH 271 to MH 2012	Cum	1	1.7	1.7	0.25	0.72
	Profile 25 (MPT Road)						
	MH 993 to MH 1053	Cum	6	2.3	2.3	1.47	46.66
	MH 993 to MH 1053	Cum	3	2.3	2.3	1.47	23.33
	Profile 26 (MPT Cross Road) MH 762 to MH 2138	C	5	2	2	1.35	27.05
	Profile 27 (MPT Cross Road)	Cum	3			1.35	27.05
	MH 982 TO MH 2398	Cum	12	2	2	1.06	50.97
	MH 982 TO MH 2398	Cum	2	2	2	1.06	8.50
	Profile 28 (Jodumutt Road)						
	MH 786 TO MH 787	Cum	3	1.7	1.7	1.47	12.77
	Profile 29 (Bhavanthi Street Road)						
	MH 894 TO MH 895 Profile 30 (Cross Road)	Cum	0	1.7	1.7	0.25	0.00
	MH 678 TO MH 695	Cum	4	2	2	0.39	6.24
	Profile 31 (Raghavendra and Mukyaprana Temple Road)	Carri	-			3.33	0.24
	MH 2020 to MH 1090	Cum	0	2.3	2.3	0.25	0.00
	Profile 32 (Raghavendra Mutt Cross Road)						,
	MH 967 to MH 2157	Cum	7	1.7	1.7	0.36	7.28
	Profile 33 (Nellikai Cross Road)	6.1	-			0.05	2.51
	MH 940 to MH 2221 Profile 34 (Raghavendra Mutt Road)	Cum	5	1.7	1.7	0.25	3.61
	MH 766 to MH 767	Cum	3	2	2	0.38	4.50
	Profile 35 (Cross Road)	Cuiii	3			0.36	4.50
	MH 2159 to MH 364	Cum	1	1.7	1.7	0.25	0.72

_	Description of Work	Unit	No	L	В	D	Qty
Profile 37 (MPT Cross F MH 2399 to MH 2405 MH 2399 to MH 2405 Providing course sand be watering and consolidal and lift (In black cottor KUWSDB 15-16,Pg No 1 Vol of sand Boxing Profile 1 (Nellikai Road MH 2210 to MH2209 Profile 2 (Bunder Road MH 1271 to MH 2235 Profile 3 (Mission Street MH 1202 to MH 941 Profile 4(Market,Bibi A MH 1260 to MH 2087 Profile 5 (Maidan Cross MH 1011 to MH 2046 Profile 6 (Central Mark MH 2058 to MH 1261 Profile 7 (Maidan 3rd C MH 2062 to MH 2069 Profile 8 (Nellikai Road MH 2074 to MH 2072 Profile 9 (Jewellery lan MH 1251 to MH 2453 Profile 10 MH 308 to MH 1943 Profile 11 MH 147 to MH 1970 Profile 12 MH 273 to MH 1978 Profile 13 (Jewellery lan MH 1990 to MH 2028 Profile 14 (Bhavanthi St MH 894 to MH 895 Profile 16 (Maidan 1st MH 765 Profile 17 (Central Mark MH 896 to MH 859 Profile 17 (Central Mark MH 1959 to MH 859 Profile 18 (Gouri Mutt MH 135 to MH 2007 Profile 19 (Gouri Mutt MH 78 to MH 1999 Profile 20 (Gouri Mutt MH 78 to MH 2003 Profile 21 (Gouri Mutt MH 78 to MH 2003 Profile 22 (Bhavanthi S MH 168 to MH 2006 Profile 22 (Bhavanthi S MH 168 to MH 2009 Profile 23 MH 742 to MH 743 Profile 24 MH 271 to MH 2012 Profile 25 (MPT Road)	a Temple Road)		4	4.7	4.7	0.25	0.70
Providing course sand by watering and consolidate and lift (In black cotton KUWSDB 15-16,Pg No 1 Vol of sand Boxing Profile 1 (Nellikai Road MH 2210 to MH2209 Profile 2 (Bunder Road MH 1271 to MH 2235 Profile 3 (Mission Street MH 1202 to MH 941 Profile 4 (Market,Bibi A MH 1260 to MH 2087 Profile 5 (Maidan Cross MH 1011 to MH 2046 Profile 6 (Central Mark MH 2058 to MH 1261 Profile 7 (Maidan 3rd C MH 2062 to MH 2069 Profile 8 (Nellikai Road MH 2074 to MH 2072 Profile 9 (Jewellery lan MH 1251 to MH 2453 Profile 10 MH 308 to MH 1943 Profile 11 MH 147 to MH 1970 Profile 12 MH 273 to MH 1978 Profile 13 (Jewellery lan MH 1990 to MH 2028 Profile 14 (Bhavanthi St MH 894 to MH 895 Profile 16 (Maidan 1st MH 764 to MH 765 Profile 17 (Central Mark MH 1959 to MH 859 Profile 18 (Gouri Mutt MH 1950 to MH 2003 Profile 19 (Gouri Mutt MH 1950 to MH 2003 Profile 20 (Gouri Mutt MH 1950 to MH 2003 Profile 21 (Gouri Mutt MH 1950 to MH 2003 Profile 21 (Gouri Mutt MH 1950 to MH 2003 Profile 21 (Gouri Mutt MH 168 to MH 2006 Profile 22 (Bhavanthi S MH 168 to MH 2009 Profile 23 MH 742 to MH 743 Profile 24 MH 271 to MH 2012 Profile 25 (MPT Road)	Poad	Cum	1	1.7	1.7	0.25	0.72
Providing course sand by watering and consolidate and lift (In black cottor KUWSDB 15-16,Pg No 1 Vol of sand Boxing Profile 1 (Nellikai Road MH 2210 to MH2209 Profile 2 (Bunder Road MH 1271 to MH 2235 Profile 3 (Mission Street MH 1202 to MH 941 Profile 4 (Market,Bibi A MH 1260 to MH 2087 Profile 5 (Maidan Cross MH 1011 to MH 2046 Profile 6 (Central Mark MH 2058 to MH 1261 Profile 7 (Maidan 3rd C MH 2062 to MH 2069 Profile 8 (Nellikai Road MH 2074 to MH 2072 Profile 9 (Jewellery lan MH 1251 to MH 2453 Profile 10 MH 308 to MH 1943 Profile 11 MH 147 to MH 1970 Profile 12 MH 273 to MH 1978 Profile 13 (Jewellery lan MH 1990 to MH 2028 Profile 14 (Bhavanthi St MH 894 to MH 895) Profile 15 (Central Mark MH 896 to MH 859) Profile 16 (Maidan 1st MH 1950 to MH 2050) Profile 17 (Central Mark MH 1950 to MH 859) Profile 18 (Gouri Mutt MH 1950 to MH 2003) Profile 19 (Gouri Mutt MH 1950 to MH 2003) Profile 20 (Gouri Mutt MH 1960) Profile 20 (Gouri Mutt MH 1960) Profile 21 (Gouri Mutt MH 1960) Profile 22 (Bhavanthi St MH 2006) Profile 23 MH 742 to MH 743 Profile 24 MH 271 to MH 2012 Profile 25 (MPT Road)	noauj	Cum	5	2	2	0.25	5.00
watering and consolida and lift (In black cottor KUWSDB 15-16,Pg No 1 Vol of sand Boxing Profile 1 (Nellikai Road MH 2210 to MH2209 Profile 2 (Bunder Road MH 1271 to MH 2235 Profile 3 (Mission Street MH 1202 to MH 941 Profile 4(Market,Bibi A MH 1260 to MH 2087 Profile 5 (Maidan Cross MH 1011 to MH 2046 Profile 6 (Central Mark MH 2058 to MH 1261 Profile 7 (Maidan 3rd C MH 2062 to MH 2069 Profile 8 (Nellikai Road MH 2074 to MH 2072 Profile 9 (Jewellery lan MH 1251 to MH 2453 Profile 10 MH 308 to MH 1943 Profile 11 MH 147 to MH 1970 Profile 12 MH 273 to MH 1978 Profile 13 (Jewellery lan MH 1990 to MH 2028 Profile 14 (Bhavanthi St MH 894 to MH 895 Profile 15 (Central Mark MH 896 to MH 859 Profile 16 (Maidan 1st MH 764 to MH 765 Profile 17 (Central Mark MH 1959 to MH 859 Profile 18 (Gouri Mutt MH 135 to MH 2003 Profile 20 (Gouri Mutt MH 135 to MH 2003 Profile 20 (Gouri Mutt MH 168 to MH 2003 Profile 22 (Bhavanthi S MH 168 to MH 2009 Profile 24 MH 271 to MH 2012 Profile 24 MH 271 to MH 2012 Profile 24 MH 271 to MH 2012 Profile 25 (MPT Road)						0.25	398.70
watering and consolida and lift (In black cottor KUWSDB 15-16,Pg No 1 Vol of sand Boxing Profile 1 (Nellikai Road MH 2210 to MH2209 Profile 2 (Bunder Road MH 1271 to MH 2235 Profile 3 (Mission Street MH 1202 to MH 941 Profile 4(Market,Bibi A MH 1260 to MH 2087 Profile 5 (Maidan Cross MH 1011 to MH 2046 Profile 6 (Central Mark MH 2058 to MH 1261 Profile 7 (Maidan 3rd C MH 2062 to MH 2069 Profile 8 (Nellikai Road MH 2074 to MH 2072 Profile 9 (Jewellery lan MH 1251 to MH 2453 Profile 10 MH 308 to MH 1943 Profile 11 MH 147 to MH 1970 Profile 12 MH 273 to MH 1978 Profile 13 (Jewellery lan MH 1990 to MH 2028 Profile 14 (Bhavanthi St MH 894 to MH 895 Profile 15 (Central Mark MH 896 to MH 859 Profile 16 (Maidan 1st MH 764 to MH 765 Profile 17 (Central Mark MH 1959 to MH 859 Profile 18 (Gouri Mutt MH 135 to MH 2003 Profile 20 (Gouri Mutt MH 135 to MH 2003 Profile 20 (Gouri Mutt MH 168 to MH 2003 Profile 22 (Bhavanthi S MH 168 to MH 2009 Profile 24 MH 271 to MH 2012 Profile 24 MH 271 to MH 2012 Profile 24 MH 271 to MH 2012 Profile 25 (MPT Road)		Cum				Total	1357.69
watering and consolida and lift (In black cottor KUWSDB 15-16,Pg No 1 Vol of sand Boxing Profile 1 (Nellikai Road MH 2210 to MH2209 Profile 2 (Bunder Road MH 1271 to MH 2235 Profile 3 (Mission Street MH 1202 to MH 941 Profile 4 (Market,Bibi A MH 1260 to MH 2087 Profile 5 (Maidan Cross MH 1011 to MH 2046 Profile 6 (Central Mark MH 2058 to MH 1261 Profile 7 (Maidan 3rd C MH 2062 to MH 2069 Profile 8 (Nellikai Road MH 2074 to MH 2072 Profile 9 (Jewellery lan MH 1251 to MH 2453 Profile 10 MH 308 to MH 1943 Profile 11 MH 147 to MH 1970 Profile 12 MH 273 to MH 1978 Profile 13 (Jewellery lan MH 1990 to MH 2028 Profile 14 (Bhavanthi St MH 894 to MH 895 Profile 15 (Central Mark MH 896 to MH 859 Profile 16 (Maidan 1st MH 764 to MH 765 Profile 17 (Central Mark MH 1959 to MH 859 Profile 18 (Gouri Mutt MH 135 to MH 2003 Profile 20 (Gouri Mutt MH 135 to MH 2003 Profile 20 (Gouri Mutt MH 168 to MH 2003 Profile 22 (Bhavanthi S MH 166 to MH 2009 Profile 23 MH 742 to MH 743 Profile 24 MH 271 to MH 2012 Profile 24 MH 271 to MH 2012 Profile 25 (MPT Road)							
and lift (In black cottor KUWSDB 15-16,Pg No 1 Vol of sand Boxing Profile 1 (Nellikai Road MH 2210 to MH2209 Profile 2 (Bunder Road MH 1271 to MH 2235 Profile 3 (Mission Street MH 1202 to MH 941 Profile 4 (Market,Bibi A MH 1260 to MH 2087 Profile 5 (Maidan Cross MH 1011 to MH 2046 Profile 6 (Central Mark MH 2058 to MH 1261 Profile 7 (Maidan 3rd C MH 2062 to MH 2069 Profile 8 (Nellikai Road MH 2074 to MH 2072 Profile 9 (Jewellery lan MH 1251 to MH 2453 Profile 10 MH 308 to MH 1943 Profile 11 MH 147 to MH 1970 Profile 12 MH 273 to MH 1978 Profile 13 (Jewellery lan MH 1990 to MH 2028 Profile 14 (Bhavanthi St MH 894 to MH 895 Profile 15 (Central Mark MH 896 to MH 859 Profile 16 (Maidan 1st MH 1950 to MH 2007 Profile 17 (Central Mark MH 1959 to MH 859 Profile 18 (Gouri Mutt MH 135 to MH 2003 Profile 19 (Gouri Mutt MH 168 to MH 2003 Profile 22 (Bhavanthi S MH 168 to MH 2003 Profile 22 (Bhavanthi S MH 168 to MH 2009 Profile 23 MH 136 to MH 2009 Profile 24 MH 271 to MH 2012 Profile 24 MH 271 to MH 2012	bedding for the pipeline trenches including						
KUWSDB 15-16,Pg No 1 Vol of sand Boxing Profile 1 (Nellikai Road MH 2210 to MH2209 Profile 2 (Bunder Road MH 1271 to MH 2235 Profile 3 (Mission Street MH 1202 to MH 941 Profile 4(Market,Bibi A MH 1260 to MH 2087 Profile 5 (Maidan Cross MH 1011 to MH 2046 Profile 6 (Central Mark MH 2058 to MH 1261 Profile 7 (Maidan 3rd C MH 2062 to MH 2069 Profile 8 (Nellikai Road MH 2074 to MH 2072 Profile 9 (Jewellery lan MH 1251 to MH 2453 Profile 10 MH 308 to MH 1943 Profile 11 MH 147 to MH 1970 Profile 12 MH 273 to MH 1978 Profile 13 (Jewellery lan MH 1990 to MH 2028 Profile 14 (Bhavanthi St MH 894 to MH 895 Profile 15 (Central Mark MH 896 to MH 859 Profile 16 (Maidan 1st MH 1959 to MH 859 Profile 17 (Central Mark MH 1959 to MH 859 Profile 18 (Gouri Mutt MH 135 to MH 2003 Profile 2 (Gouri Mutt MH 78 to MH 1999 Profile 2 (Gouri Mutt MH 136 to MH 2003 Profile 2 (Ghavanthi S MH 168 to MH 2004 Profile 2 (Ghavanthi S MH 168 to MH 2006 Profile 2 (Ghavanthi S MH 168 to MH 2006 Profile 2 (Ghavanthi S MH 168 to MH 2006 Profile 2 (Ghavanthi S MH 168 to MH 2006 Profile 2 (Ghavanthi S MH 168 to MH 2006 Profile 2 (Ghavanthi S MH 168 to MH 2009 Profile 2 (MH 743 Profile 24 MH 271 to MH 2012 Profile 25 (MPT Road)	ation by punners etc.,complete with all lead						
Vol of sand Boxing Profile 1 (Nellikai Road MH 2210 to MH2209 Profile 2 (Bunder Road MH 1271 to MH 2235 Profile 3 (Mission Street MH 1202 to MH 941 Profile 4 (Market,Bibi A MH 1260 to MH 2087 Profile 5 (Maidan Cross MH 1011 to MH 2046 Profile 6 (Central Mark MH 2058 to MH 1261 Profile 7 (Maidan 3rd C MH 2062 to MH 2069 Profile 8 (Nellikai Road MH 2074 to MH 2072 Profile 9 (Jewellery lan MH 1251 to MH 2453 Profile 10 MH 308 to MH 1943 Profile 11 MH 147 to MH 1970 Profile 12 MH 273 to MH 1978 Profile 13 (Jewellery lan MH 1990 to MH 2028 Profile 14 (Bhavanthi St MH 894 to MH 859 Profile 15 (Central Mark MH 896 to MH 859 Profile 16 (Maidan 1st MH 1959 to MH 859 Profile 17 (Central Mark MH 1959 to MH 2007 Profile 18 (Gouri Mutt MH 135 to MH 2003 Profile 20 (Gouri Mutt MH 186 to MH 2003 Profile 20 (Gouri Mutt MH 168 to MH 2006 Profile 22 (Bhavanthi S MH 168 to MH 2006 Profile 22 (Bhavanthi S MH 168 to MH 2009 Profile 24 MH 271 to MH 2012 Profile 24 MH 271 to MH 2012 Profile 25 (MPT Road)	•						
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MH 1271 to MH 2235 Profile 3 (Mission Street MH 1202 to MH 941 Profile 4 (Market,Bibi A MH 1260 to MH 2087 Profile 5 (Maidan Cross MH 1011 to MH 2046 Profile 6 (Central Mark MH 2058 to MH 1261 Profile 7 (Maidan 3rd C MH 2062 to MH 2069 Profile 8 (Nellikai Road MH 2074 to MH 2072 Profile 9 (Jewellery lan MH 1251 to MH 2453 Profile 10 MH 308 to MH 1943 Profile 11 MH 147 to MH 1970 Profile 12 MH 273 to MH 1978 Profile 13 (Jewellery lan MH 1990 to MH 2028 Profile 14 (Bhavanthi St MH 894 to MH 895 Profile 15 (Central Mark MH 896 to MH 859 Profile 16 (Maidan 1st MH 1959 to MH 859 Profile 17 (Central Mark MH 1959 to MH 859 Profile 18 (Gouri Mutt MH 135 to MH 1999 Profile 20 (Gouri Mutt MH 78 to MH 1999 Profile 22 (Bhavanthi S MH 136 to MH 2003 Profile 22 (Bhavanthi S MH 136 to MH 2009 Profile 24 MH 271 to MH 2012 Profile 24 MH 271 to MH 2012 Profile 25 (MPT Road)	1)		_				
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Profile 4(Market,Bibi A MH 1260 to MH 2087 Profile 5 (Maidan Cross MH 1011 to MH 2046 Profile 6 (Central Mark MH 2058 to MH 1261 Profile 7 (Maidan 3rd C MH 2062 to MH 2069 Profile 8 (Nellikai Road MH 2074 to MH 2072 Profile 9 (Jewellery Ian MH 1251 to MH 2453 Profile 10 MH 308 to MH 1943 Profile 11 MH 147 to MH 1970 Profile 12 MH 273 to MH 1978 Profile 13 (Jewellery Ian MH 1990 to MH 2028 Profile 14 (Bhavanthi St MH 894 to MH 895 Profile 15 (Central Mar MH 896 to MH 859 Profile 16 (Maidan 1st MH 764 to MH 765 Profile 17 (Central Mar MH 1959 to MH 859 Profile 18 (Gouri Mutt MH 135 to MH 2007 Profile 19 (Gouri Mutt MH 78 to MH 1999 Profile 20 (Gouri Mutt MH 570 to MH 2003 Profile 22 (Bhavanthi S MH 136 to MH 2009 Profile 23 MH 742 to MH 743 Profile 24 MH 271 to MH 2012 Profile 25 (MPT Road)	et Road)						
MH 1260 to MH 2087 Profile 5 (Maidan Cross MH 1011 to MH 2046 Profile 6 (Central Mark MH 2058 to MH 1261 Profile 7 (Maidan 3rd C MH 2062 to MH 2069 Profile 8 (Nellikai Road MH 2074 to MH 2072 Profile 9 (Jewellery lan MH 1251 to MH 2453 Profile 10 MH 308 to MH 1943 Profile 11 MH 147 to MH 1970 Profile 12 MH 273 to MH 2028 Profile 13 (Jewellery lan MH 1990 to MH 2028 Profile 14 (Bhavanthi St MH 894 to MH 895 Profile 15 (Central Mar MH 896 to MH 859 Profile 16 (Maidan 1st MH 764 to MH 765 Profile 17 (Central Mar MH 1959 to MH 859 Profile 18 (Gouri Mutt MH 1135 to MH 2007 Profile 19 (Gouri Mutt MH 78 to MH 1999 Profile 20 (Gouri Mutt MH 78 to MH 2003 Profile 21 (Gouri Mutt MH 168 to MH 2006 Profile 22 (Bhavanthi S MH 136 to MH 2009 Profile 23 MH 742 to MH 743 Profile 24 MH 271 to MH 2012 Profile 25 (MPT Road)		Cum	1	246.2	0.80	0.6	118.18
Profile 5 (Maidan Cross MH 1011 to MH 2046 Profile 6 (Central Mark MH 2058 to MH 1261 Profile 7 (Maidan 3rd C MH 2062 to MH 2069 Profile 8 (Nellikai Road MH 2074 to MH 2072 Profile 9 (Jewellery Ian MH 1251 to MH 2453 Profile 10 MH 308 to MH 1943 Profile 11 MH 147 to MH 1970 Profile 12 MH 273 to MH 1978 Profile 13 (Jewellery Ian MH 1990 to MH 2028 Profile 14 (Bhavanthi St MH 894 to MH 895 Profile 15 (Central Mar MH 896 to MH 859 Profile 16 (Maidan 1st MH 764 to MH 765 Profile 17 (Central Mar MH 1959 to MH 859 Profile 18 (Gouri Mutt MH 135 to MH 2007 Profile 19 (Gouri Mutt MH 78 to MH 1999 Profile 20 (Gouri Mutt MH 570 to MH 2003 Profile 21 (Gouri Mutt MH 168 to MH 2006 Profile 22 (Bhavanthi S MH 136 to MH 2009 Profile 23 MH 742 to MH 743 Profile 24 MH 271 to MH 2012 Profile 25 (MPT Road)	Alabi and Kandak)						
MH 1011 to MH 2046 Profile 6 (Central Mark MH 2058 to MH 1261 Profile 7 (Maidan 3rd C MH 2062 to MH 2069 Profile 8 (Nellikai Road MH 2074 to MH 2072 Profile 9 (Jewellery lan MH 1251 to MH 2453 Profile 10 MH 308 to MH 1943 Profile 11 MH 147 to MH 1970 Profile 12 MH 273 to MH 1978 Profile 13 (Jewellery lan MH 1990 to MH 2028 Profile 14 (Bhavanthi St MH 894 to MH 895 Profile 15 (Central Mar MH 896 to MH 859 Profile 16 (Maidan 1st MH 1959 to MH 2059 Profile 17 (Central Mar MH 1959 to MH 859 Profile 18 (Gouri Mutt MH 135 to MH 2007 Profile 19 (Gouri Mutt MH 78 to MH 1999 Profile 20 (Gouri Mutt MH 570 to MH 2003 Profile 21 (Gouri Mutt MH 168 to MH 2006 Profile 22 (Bhavanthi S MH 136 to MH 2009 Profile 23 MH 742 to MH 743 Profile 24 MH 271 to MH 2012 Profile 25 (MPT Road)	- DIV	Cum	1	779.9	0.80	0.6	374.35
Profile 6 (Central Mark MH 2058 to MH 1261 Profile 7 (Maidan 3rd C MH 2062 to MH 2069 Profile 8 (Nellikai Road MH 2074 to MH 2072 Profile 9 (Jewellery lan MH 1251 to MH 2453 Profile 10 MH 308 to MH 1943 Profile 11 MH 147 to MH 1970 Profile 12 MH 273 to MH 1978 Profile 13 (Jewellery lan MH 1990 to MH 2028 Profile 14 (Bhavanthi St MH 894 to MH 895 Profile 15 (Central Mar MH 896 to MH 859 Profile 16 (Maidan 1st MH 764 to MH 765 Profile 17 (Central Mar MH 1959 to MH 859 Profile 18 (Gouri Mutt MH 1135 to MH 2007 Profile 19 (Gouri Mutt MH 78 to MH 1999 Profile 20 (Gouri Mutt MH 570 to MH 2003 Profile 21 (Gouri Mutt MH 168 to MH 2006 Profile 22 (Bhavanthi S MH 136 to MH 2009 Profile 23 MH 742 to MH 743 Profile 24 MH 271 to MH 2012 Profile 25 (MPT Road)	s Road)	Cum	1	104.4	0.00	0.6	FO 11
MH 2058 to MH 1261 Profile 7 (Maidan 3rd C MH 2062 to MH 2069 Profile 8 (Nellikai Road MH 2074 to MH 2072 Profile 9 (Jewellery Ian MH 1251 to MH 2453 Profile 10 MH 308 to MH 1943 Profile 11 MH 147 to MH 1970 Profile 12 MH 273 to MH 278 Profile 13 (Jewellery Ian MH 1990 to MH 2028 Profile 14 (Bhavanthi St MH 894 to MH 895 Profile 15 (Central Mar MH 896 to MH 859 Profile 16 (Maidan 1st MH 764 to MH 765 Profile 17 (Central Mar MH 1959 to MH 859 Profile 18 (Gouri Mutt MH 1135 to MH 2007 Profile 19 (Gouri Mutt MH 78 to MH 1999 Profile 20 (Gouri Mutt MH 570 to MH 2003 Profile 21 (Gouri Mutt MH 168 to MH 2006 Profile 22 (Bhavanthi S MH 136 to MH 2009 Profile 23 MH 742 to MH 743 Profile 24 MH 271 to MH 2012 Profile 25 (MPT Road)	vet Road)	Cum	1	104.4	0.80	0.6	50.11
Profile 7 (Maidan 3rd C MH 2062 to MH 2069 Profile 8 (Nellikai Road MH 2074 to MH 2072 Profile 9 (Jewellery lan MH 1251 to MH 2453 Profile 10 MH 308 to MH 1943 Profile 11 MH 147 to MH 1970 Profile 12 MH 273 to MH 1978 Profile 13 (Jewellery lan MH 1990 to MH 2028 Profile 14 (Bhavanthi St MH 894 to MH 895 Profile 15 (Central Mar MH 896 to MH 859 Profile 16 (Maidan 1st MH 764 to MH 765 Profile 17 (Central Mar MH 1959 to MH 859 Profile 18 (Gouri Mutt MH 1135 to MH 2007 Profile 19 (Gouri Mutt MH 78 to MH 1999 Profile 20 (Gouri Mutt MH 570 to MH 2003 Profile 21 (Gouri Mutt MH 168 to MH 2006 Profile 22 (Bhavanthi S MH 136 to MH 2009 Profile 23 MH 742 to MH 743 Profile 24 MH 271 to MH 2012 Profile 25 (MPT Road)	ict noudj	Cum	1	107.9	0.80	0.6	51.79
MH 2062 to MH 2069 Profile 8 (Nellikai Road MH 2074 to MH 2072 Profile 9 (Jewellery Ian MH 1251 to MH 2453 Profile 10 MH 308 to MH 1943 Profile 11 MH 147 to MH 1970 Profile 12 MH 273 to MH 1978 Profile 13 (Jewellery Ian MH 1990 to MH 2028 Profile 14 (Bhavanthi St MH 894 to MH 895 Profile 15 (Central Mar MH 896 to MH 859 Profile 16 (Maidan 1st MH 764 to MH 765 Profile 17 (Central Mar MH 1959 to MH 859 Profile 18 (Gouri Mutt MH 135 to MH 2007 Profile 19 (Gouri Mutt MH 78 to MH 1999 Profile 20 (Gouri Mutt MH 570 to MH 2003 Profile 21 (Gouri Mutt MH 168 to MH 2006 Profile 22 (Bhavanthi S MH 136 to MH 2009 Profile 23 MH 742 to MH 743 Profile 24 MH 271 to MH 2012 Profile 25 (MPT Road)	Cross Road)	Cum	-	107.5	0.00	0.0	31.73
MH 2074 to MH 2072 Profile 9 (Jewellery Ian MH 1251 to MH 2453 Profile 10 MH 308 to MH 1943 Profile 11 MH 147 to MH 1970 Profile 12 MH 273 to MH 1978 Profile 13 (Jewellery Ian MH 1990 to MH 2028 Profile 14 (Bhavanthi St MH 894 to MH 895 Profile 15 (Central Mar MH 896 to MH 859 Profile 16 (Maidan 1st MH 764 to MH 765 Profile 17 (Central Mar MH 1959 to MH 859 Profile 18 (Gouri Mutt MH 1135 to MH 2007 Profile 19 (Gouri Mutt MH 78 to MH 1999 Profile 20 (Gouri Mutt MH 570 to MH 2003 Profile 21 (Gouri Mutt MH 168 to MH 2006 Profile 22 (Bhavanthi S MH 136 to MH 2009 Profile 23 MH 742 to MH 743 Profile 24 MH 271 to MH 2012 Profile 25 (MPT Road)	•	Cum	1	148.5	0.80	0.6	71.28
Profile 9 (Jewellery Ian MH 1251 to MH 2453 Profile 10 MH 308 to MH 1943 Profile 11 MH 147 to MH 1970 Profile 12 MH 273 to MH 1978 Profile 13 (Jewellery Ia MH 1990 to MH 2028 Profile 14(Bhavanthi St MH 894 to MH 895 Profile 15 (Central Mar MH 896 to MH 859 Profile 16 (Maidan 1st MH 764 to MH 765 Profile 17 (Central Mar MH 1959 to MH 859 Profile 18 (Gouri Mutt MH 1135 to MH 2007 Profile 19 (Gouri Mutt MH 78 to MH 1999 Profile 20 (Gouri Mutt MH 570 to MH 2003 Profile 21 (Gouri Mutt MH 168 to MH 2006 Profile 22 (Bhavanthi S MH 136 to MH 2009 Profile 23 MH 742 to MH 743 Profile 24 MH 271 to MH 2012 Profile 25 (MPT Road)	1)						
MH 1251 to MH 2453 Profile 10 MH 308 to MH 1943 Profile 11 MH 147 to MH 1970 Profile 12 MH 273 to MH 1978 Profile 13 (Jewellery la MH 1990 to MH 2028 Profile 14(Bhavanthi St MH 895 Profile 15 (Central Mar MH 896 to MH 859 Profile 16 (Maidan 1st MH 765 Profile 17 (Central Mar MH 1959 to MH 859 Profile 18 (Gouri Mutt MH 135 to MH 2007 Profile 19 (Gouri Mutt MH 78 to MH 1999 Profile 20(Gouri Mutt MH 78 to MH 2003 Profile 21(Gouri Mutt MH 168 to MH 2006 Profile 22 (Bhavanthi S MH 136 to MH 2009 Profile 23 MH 742 to MH 743 Profile 24 MH 271 to MH 2012 Profile 25 (MPT Road)		Cum	1	130.3	0.80	0.6	62.54
Profile 10 MH 308 to MH 1943 Profile 11 MH 147 to MH 1970 Profile 12 MH 273 to MH 1978 Profile 13 (Jewellery la MH 1990 to MH 2028 Profile 14(Bhavanthi St MH 894 to MH 895 Profile 15 (Central Mar MH 896 to MH 859 Profile 16 (Maidan 1st MH 764 to MH 765 Profile 17 (Central Mar MH 1959 to MH 859 Profile 18 (Gouri Mutt MH 1135 to MH 2007 Profile 19 (Gouri Mutt MH 78 to MH 1999 Profile 20(Gouri Mutt MH 570 to MH 2003 Profile 21(Gouri Mutt MH 168 to MH 2006 Profile 22 (Bhavanthi S MH 136 to MH 2009 Profile 23 MH 742 to MH 743 Profile 24 MH 271 to MH 2012 Profile 25 (MPT Road)	ne Road)						
MH 308 to MH 1943 Profile 11 MH 147 to MH 1970 Profile 12 MH 273 to MH 1978 Profile 13 (Jewellery la MH 1990 to MH 2028 Profile 14(Bhavanthi St MH 895 Profile 15 (Central Mar MH 896 to MH 895 Profile 16 (Maidan 1st MH 764 to MH 765 Profile 17 (Central Mar MH 1959 to MH 859 Profile 18 (Gouri Mutt MH 1135 to MH 2007 Profile 19 (Gouri Mutt MH 78 to MH 1999 Profile 20(Gouri Mutt MH 570 to MH 2003 Profile 21(Gouri Mutt MH 168 to MH 2006 Profile 22 (Bhavanthi S MH 136 to MH 2009 Profile 23 MH 742 to MH 743 Profile 24 MH 271 to MH 2012 Profile 25 (MPT Road)		Cum	1	188	0.80	0.6	90.24
Profile 11 MH 147 to MH 1970 Profile 12 MH 273 to MH 1978 Profile 13 (Jewellery la MH 1990 to MH 2028 Profile 14(Bhavanthi St MH 895 Profile 15 (Central Mar MH 896 to MH 859 Profile 16 (Maidan 1st MH 764 to MH 765 Profile 17 (Central Mar MH 1959 to MH 859 Profile 18 (Gouri Mutt MH 1135 to MH 2007 Profile 19 (Gouri Mutt MH 765 to MH 2007 Profile 20(Gouri Mutt MH 765 to MH 2003 Profile 21(Gouri Mutt MH 570 to MH 2003 Profile 21(Gouri Mutt MH 168 to MH 2006 Profile 22 (Bhavanthi S MH 136 to MH 2009 Profile 23 MH 742 to MH 743 Profile 24 MH 271 to MH 2012 Profile 25 (MPT Road)			4	100.1	0.00	0.6	10.10
MH 147 to MH 1970 Profile 12 MH 273 to MH 1978 Profile 13 (Jewellery la MH 1990 to MH 2028 Profile 14 (Bhavanthi St MH 894 to MH 895 Profile 15 (Central Mar MH 896 to MH 859 Profile 16 (Maidan 1st MH 764 to MH 765 Profile 17 (Central Mar MH 1959 to MH 859 Profile 18 (Gouri Mutt MH 135 to MH 2007 Profile 19 (Gouri Mutt MH 78 to MH 1999 Profile 20 (Gouri Mutt MH 570 to MH 2003 Profile 21 (Gouri Mutt MH 168 to MH 2006 Profile 22 (Bhavanthi S MH 136 to MH 2009 Profile 23 MH 742 to MH 743 Profile 24 MH 271 to MH 2012 Profile 25 (MPT Road)		Cum	1	100.4	0.80	0.6	48.19
Profile 12 MH 273 to MH 1978 Profile 13 (Jewellery la MH 1990 to MH 2028 Profile 14(Bhavanthi St MH 894 to MH 895 Profile 15 (Central Mar MH 896 to MH 859 Profile 16 (Maidan 1st MH 764 to MH 765 Profile 17 (Central Mar MH 1959 to MH 859 Profile 18 (Gouri Mutt MH 1135 to MH 2007 Profile 19 (Gouri Mutt MH 78 to MH 1999 Profile 20(Gouri Mutt MH 570 to MH 2003 Profile 21(Gouri Mutt MH 168 to MH 2006 Profile 22 (Bhavanthi S MH 136 to MH 2009 Profile 23 MH 742 to MH 743 Profile 24 MH 271 to MH 2012 Profile 25 (MPT Road)		Cum	1	30	0.80	0.6	14.40
MH 273 to MH 1978 Profile 13 (Jewellery la MH 1990 to MH 2028 Profile 14(Bhavanthi St MH 894 to MH 895 Profile 15 (Central Mar MH 896 to MH 859 Profile 16 (Maidan 1st MH 764 to MH 765 Profile 17 (Central Mar MH 1959 to MH 859 Profile 18 (Gouri Mutt MH 1135 to MH 2007 Profile 19 (Gouri Mutt MH 78 to MH 1999 Profile 20(Gouri Mutt MH 570 to MH 2003 Profile 21(Gouri Mutt MH 168 to MH 2006 Profile 22 (Bhavanthi S MH 136 to MH 2009 Profile 23 MH 742 to MH 743 Profile 24 MH 271 to MH 2012 Profile 25 (MPT Road)		Cuiii	_	30	0.00	0.0	14.40
MH 1990 to MH 2028 Profile 14(Bhavanthi St MH 894 to MH 895 Profile 15 (Central Mar MH 896 to MH 859 Profile 16 (Maidan 1st MH 764 to MH 765 Profile 17 (Central Mar MH 1959 to MH 859 Profile 18 (Gouri Mutt MH 1135 to MH 2007 Profile 19 (Gouri Mutt MH 78 to MH 1999 Profile 20(Gouri Mutt MH 570 to MH 2003 Profile 21(Gouri Mutt MH 168 to MH 2006 Profile 22 (Bhavanthi S MH 136 to MH 2009 Profile 23 MH 742 to MH 743 Profile 24 MH 271 to MH 2012 Profile 25 (MPT Road)		Cum	1	30.6	0.80	0.6	14.69
Profile 14(Bhavanthi St MH 894 to MH 895 Profile 15 (Central Mar MH 896 to MH 859 Profile 16 (Maidan 1st MH 764 to MH 765 Profile 17 (Central Mar MH 1959 to MH 859 Profile 18 (Gouri Mutt MH 1135 to MH 2007 Profile 19 (Gouri Mutt MH 78 to MH 1999 Profile 20(Gouri Mutt MH 570 to MH 2003 Profile 21(Gouri Mutt MH 168 to MH 2006 Profile 22 (Bhavanthi S MH 136 to MH 2009 Profile 23 MH 742 to MH 743 Profile 24 MH 271 to MH 2012 Profile 25 (MPT Road)	ane Road)						
MH 894 to MH 895 Profile 15 (Central Mar MH 896 to MH 859 Profile 16 (Maidan 1st MH 764 to MH 765 Profile 17 (Central Mar MH 1959 to MH 859 Profile 18 (Gouri Mutt MH 1135 to MH 2007 Profile 19 (Gouri Mutt MH 78 to MH 1999 Profile 20(Gouri Mutt MH 570 to MH 2003 Profile 21(Gouri Mutt MH 168 to MH 2006 Profile 22 (Bhavanthi S MH 136 to MH 2009 Profile 23 MH 742 to MH 743 Profile 24 MH 271 to MH 2012 Profile 25 (MPT Road)		Cum	1	160.5	0.80	0.6	77.04
Profile 15 (Central Mar MH 896 to MH 859 Profile 16 (Maidan 1st MH 764 to MH 765 Profile 17 (Central Mar MH 1959 to MH 859 Profile 18 (Gouri Mutt MH 1135 to MH 2007 Profile 19 (Gouri Mutt MH 78 to MH 1999 Profile 20(Gouri Mutt MH 570 to MH 2003 Profile 21(Gouri Mutt MH 168 to MH 2006 Profile 22 (Bhavanthi S MH 136 to MH 2009 Profile 23 MH 742 to MH 743 Profile 24 MH 271 to MH 2012 Profile 25 (MPT Road)	treet Road)						
MH 896 to MH 859 Profile 16 (Maidan 1st MH 764 to MH 765 Profile 17 (Central Mar MH 1959 to MH 859 Profile 18 (Gouri Mutt MH 1135 to MH 2007 Profile 19 (Gouri Mutt MH 78 to MH 1999 Profile 20(Gouri Mutt MH 570 to MH 2003 Profile 21(Gouri Mutt MH 168 to MH 2006 Profile 22 (Bhavanthi S MH 136 to MH 2009 Profile 23 MH 742 to MH 743 Profile 24 MH 271 to MH 2012 Profile 25 (MPT Road)		Cum	1	0	0.80	0.6	0.00
Profile 16 (Maidan 1st MH 764 to MH 765 Profile 17 (Central Mar MH 1959 to MH 859 Profile 18 (Gouri Mutt MH 1135 to MH 2007 Profile 19 (Gouri Mutt MH 78 to MH 1999 Profile 20(Gouri Mutt F MH 570 to MH 2003 Profile 21(Gouri Mutt F MH 168 to MH 2006 Profile 22 (Bhavanthi S MH 136 to MH 2009 Profile 23 MH 742 to MH 743 Profile 24 MH 271 to MH 2012 Profile 25 (MPT Road)	rket Road)						
MH 764 to MH 765 Profile 17 (Central Mar MH 1959 to MH 859 Profile 18 (Gouri Mutt MH 1135 to MH 2007 Profile 19 (Gouri Mutt MH 78 to MH 1999 Profile 20(Gouri Mutt F MH 570 to MH 2003 Profile 21(Gouri Mutt F MH 168 to MH 2006 Profile 22 (Bhavanthi S MH 136 to MH 2009 Profile 23 MH 742 to MH 743 Profile 24 MH 271 to MH 2012 Profile 25 (MPT Road)	Cross Bood)	Cum	1	181.5	0.80	0.6	87.12
Profile 17 (Central Mar MH 1959 to MH 859 Profile 18 (Gouri Mutt MH 1135 to MH 2007 Profile 19 (Gouri Mutt MH 78 to MH 1999 Profile 20(Gouri Mutt F MH 570 to MH 2003 Profile 21(Gouri Mutt F MH 168 to MH 2006 Profile 22 (Bhavanthi S MH 136 to MH 2009 Profile 23 MH 742 to MH 743 Profile 24 MH 271 to MH 2012 Profile 25 (MPT Road)	Cross Road)	Cum	1	70.2	0.80	0.6	33.70
MH 1959 to MH 859 Profile 18 (Gouri Mutt MH 1135 to MH 2007 Profile 19 (Gouri Mutt MH 78 to MH 1999 Profile 20(Gouri Mutt F MH 570 to MH 2003 Profile 21(Gouri Mutt F MH 168 to MH 2006 Profile 22 (Bhavanthi S MH 136 to MH 2009 Profile 23 MH 742 to MH 743 Profile 24 MH 271 to MH 2012 Profile 25 (MPT Road)	rket Road)	Cuiii	1	70.2	0.80	0.0	33.70
Profile 18 (Gouri Mutt MH 1135 to MH 2007 Profile 19 (Gouri Mutt MH 78 to MH 1999 Profile 20(Gouri Mutt F MH 570 to MH 2003 Profile 21(Gouri Mutt F MH 168 to MH 2006 Profile 22 (Bhavanthi S MH 136 to MH 2009 Profile 23 MH 742 to MH 743 Profile 24 MH 271 to MH 2012 Profile 25 (MPT Road)	net noud,	Cum	1	126.1	0.80	0.6	60.53
Profile 19 (Gouri Mutt MH 78 to MH 1999 Profile 20(Gouri Mutt F MH 570 to MH 2003 Profile 21(Gouri Mutt F MH 168 to MH 2006 Profile 22 (Bhavanthi S MH 136 to MH 2009 Profile 23 MH 742 to MH 743 Profile 24 MH 271 to MH 2012 Profile 25 (MPT Road)	Street)						
MH 78 to MH 1999 Profile 20(Gouri Mutt F MH 570 to MH 2003 Profile 21(Gouri Mutt F MH 168 to MH 2006 Profile 22 (Bhavanthi S MH 136 to MH 2009 Profile 23 MH 742 to MH 743 Profile 24 MH 271 to MH 2012 Profile 25 (MPT Road)		Cum	1	204.1	0.80	0.6	97.97
Profile 20(Gouri Mutt F MH 570 to MH 2003 Profile 21(Gouri Mutt F MH 168 to MH 2006 Profile 22 (Bhavanthi S MH 136 to MH 2009 Profile 23 MH 742 to MH 743 Profile 24 MH 271 to MH 2012 Profile 25 (MPT Road)	Road)						
MH 570 to MH 2003 Profile 21(Gouri Mutt F MH 168 to MH 2006 Profile 22 (Bhavanthi S MH 136 to MH 2009 Profile 23 MH 742 to MH 743 Profile 24 MH 271 to MH 2012 Profile 25 (MPT Road)		Cum	1	20.3	0.80	0.6	9.74
Profile 21(Gouri Mutt F MH 168 to MH 2006 Profile 22 (Bhavanthi S MH 136 to MH 2009 Profile 23 MH 742 to MH 743 Profile 24 MH 271 to MH 2012 Profile 25 (MPT Road)	Road)						
MH 168 to MH 2006 Profile 22 (Bhavanthi S MH 136 to MH 2009 Profile 23 MH 742 to MH 743 Profile 24 MH 271 to MH 2012 Profile 25 (MPT Road)	Dood\	Cum	1	51.1	0.80	0.6	24.53
Profile 22 (Bhavanthi S MH 136 to MH 2009 Profile 23 MH 742 to MH 743 Profile 24 MH 271 to MH 2012 Profile 25 (MPT Road)	Koad)	C	1	20.1	0.00	0.6	12.40
MH 136 to MH 2009 Profile 23 MH 742 to MH 743 Profile 24 MH 271 to MH 2012 Profile 25 (MPT Road)	Street Road)	Cum	1	28.1	0.80	0.6	13.49
Profile 23 MH 742 to MH 743 Profile 24 MH 271 to MH 2012 Profile 25 (MPT Road)	sa ces nouuj	Cum	1	0	0.80	0.6	0.00
MH 742 to MH 743 Profile 24 MH 271 to MH 2012 Profile 25 (MPT Road)			_		3.00	0.0	3.00
MH 271 to MH 2012 Profile 25 (MPT Road)		Cum	1	67.2	0.80	0.6	32.26
Profile 25 (MPT Road)							
		Cum	1	28.6	0.80	0.6	13.73
NUT 003 to NUT 10E3							
	- 0	Cum	1	216.84	0.80	0.6	104.08
Profile 26 (MPT Cross F	Road)	1		02.42	6.55		
MH 762 to MH 2138	Poad)	Cum	1	93.12	0.80	0.6	44.70
Profile 27 (MPT Cross F MH 982 TO MH 2398	noauj	Cum	1	399.1	0.80	0.6	191.57
Profile 28 (Jodumutt Re	oad)	Culli	1	333.1	0.80	0.0	191.5/

SI.No.	Description of Work	Unit	No	L	В	D	Qty
	MH 786 TO MH 787	Cum	1	72.4	0.80	0.6	34.75
	Profile 29 (Bhavanthi Street Road)				0.00	0.6	2.22
	MH 894 TO MH 895 Profile 30 (Cross Road)	Cum	1	0	0.80	0.6	0.00
	MH 678 TO MH 695	Cum	1	70.2	0.80	0.6	33.70
	Profile 31 (Raghavendra and Mukyaprana Temple Road)	Cum	_	70.2	0.00	0.0	33.70
	MH 2020 to MH 1090	Cum	1	0	0.80	0.6	0.00
	Profile 32 (Raghavendra Mutt Cross Road)						
	MH 967 to MH 2157	Cum	1	184.7	0.80	0.6	88.66
	Profile 33 (Nellikai Cross Road)						
	MH 940 to MH 2221	Cum	1	94.6	0.80	0.6	45.41
	Profile 34 (Raghavendra Mutt Road)	6	4	62.0	0.00	0.6	20.44
	MH 766 to MH 767 Profile 35 (Cross Road)	Cum	1	62.8	0.80	0.6	30.14
	MH 2159 to MH 364	Cum	1	14.4	0.80	0.6	6.91
	Profile 36 (Mukyaprana Temple Road)	Cum	_	14.4	0.00	0.0	0.51
	MH 2167 to MH 2164	Cum	1	26.8	0.80	0.6	12.86
	Profile 37 (MPT Cross Road)						
	MH 2399 to MH 2405	Cum	1	119.8	0.80	0.6	57.50
	For House Hold Connection	Cum	900	6	0.55	0.23	683.10
	Total						2834.59
	Pipe Deduction				Area (p	\i*r*r\	
	For Pipe line (200mm dia pipe)				Area(,,,,,	
	Profile 1 (Nellikai Road)						
	MH 2210 to MH2209	Cum	-1	323.62	0.0	31	-10.16
	Profile 2 (Bunder Road)						
	MH 1271 to MH 2235	Cum	-1	0	0.0	31	0.00
	Profile 3 (Mission Street Road)						
	MH 1202 to MH 941	Cum	-1	246.2	0.0	31	-7.73
	Profile 4(Market,Bibi Alabi and Kandak)						
	MH 1260 to MH 2087	Cum	-1	779.9	0.0	31	-24.49
	Profile 5 (Maidan Cross Road) MH 1011 to MH 2046	Cum	-1	104.4	0.0	21	-3.28
	Profile 6 (Central Market Road)	Cuili	-1	104.4	0.0	31	-3.20
	MH 2058 to MH 1261	Cum	-1	107.9	0.0	31	-3.39
	Profile 7 (Maidan 3rd Cross Road)	-					
	MH 2062 to MH 2069	Cum	-1	148.5	0.0	31	-4.66
	Profile 8 (Nellikai Road)						
	MH 2074 to MH 2072	Cum	-1	130.3	0.0	31	-4.09
	Profile 9 (Jewellery lane Road)						
	MH 1251 to MH 2453	Cum	-1	188	0.0	31	-5.90
	Profile 10	Cure	1	100.4	0.0	24	2.15
	MH 308 to MH 1943 Profile 11	Cum	-1	100.4	0.0	31	-3.15
	MH 147 to MH 1970	Cum	-1	30	0.0	31	-0.94
	Profile 12	Cum		30	0.0		0.54
	MH 273 to MH 1978	Cum	-1	30.6	0.0	31	-0.96
	Profile 13 (Jewellery lane Road)						
	MH 1990 to MH 2028	Cum	-1	160.5	0.0	31	-5.04
	Profile 14(Bhavanthi Street Road)						
	MH 894 to MH 895	Cum	-1	0	0.0	31	0.00
	Profile 15 (Central Market Road)	C 1	4	104.5	0.0	24	F 70
	MH 896 to MH 859 Profile 16 (Maiden 1st Cross Read)	Cum	-1	181.5	0.0	51	-5.70
	Profile 16 (Maidan 1st Cross Road) MH 764 to MH 765	Cum	-1	70.2	0.0	31	-2.20
	Profile 17 (Central Market Road)	Cuiii	1	70.2	0.0	J-1	-2.20
	MH 1959 to MH 859	Cum	-1	126.1	0.0	31	-3.96
	Profile 18 (Gouri Mutt Street)				2.0		
	MH 1135 to MH 2007	Cum	-1	204.1	0.0	31	-6.41
	Profile 19 (Gouri Mutt Road)						
	MH 78 to MH 1999	Cum	-1	20.3	0.0	31	-0.64
	Profile 20(Gouri Mutt Road)						
	MH 570 to MH 2003	Cum	-1	51.1	0.0	31	-1.60
	Profile 21(Gouri Mutt Road)						

SI.No.	Description of Work	Unit	No	L	В	D	Qty
	MH 168 to MH 2006	Cum	-1	28.1	0.0	31	-0.88
	Profile 22 (Bhavanthi Street Road)	Comm	4	0	0.0	124	0.00
	MH 136 to MH 2009 Profile 23	Cum	-1	0	0.0	31	0.00
	MH 742 to MH 743	Cum	-1	67.2	0.0	31	-2.11
	Profile 24			-			
	MH 271 to MH 2012	Cum	-1	28.6	0.0	31	-0.90
	Profile 25 (MPT Road)						
	MH 993 to MH 1053	Cum	-1	216.84	0.0)31	-6.81
	Profile 26 (MPT Cross Road) MH 762 to MH 2138	Cum	-1	93.12	0.0	131	-2.92
	Profile 27 (MPT Cross Road)			30.12	0.0	.01	
	MH 982 TO MH 2398	Cum	-1	399.1	0.0	31	-12.53
	Profile 28 (Jodumutt Road)						
	MH 786 TO MH 787	Cum	-1	72.4	0.0)31	-2.27
	Profile 29 (Bhavanthi Street Road) MH 894 TO MH 895	Cum	-1	0	0.0	121	0.00
	Profile 30 (Cross Road)	Cum	-1	U	0.0	131	0.00
	MH 678 TO MH 695	Cum	-1	70.2	0.0	31	-2.20
	Profile 31 (Raghavendra and Mukyaprana Temple Road)			-			
	MH 2020 to MH 1090	Cum	-1	0	0.0	31	0.00
	Profile 32 (Raghavendra Mutt Cross Road)						
	MH 967 to MH 2157	Cum	-1	184.7	0.0	31	-5.80
	Profile 33 (Nellikai Cross Road)	0	1	04.6	0.0	121	2.07
	MH 940 to MH 2221 Profile 34 (Raghavendra Mutt Road)	Cum	-1	94.6	0.0	31	-2.97
	MH 766 to MH 767	Cum	-1	62.8	0.0	131	-1.97
	Profile 35 (Cross Road)			02.0	0.0	.01	
	MH 2159 to MH 364	Cum	-1	14.4	0.0)31	-0.45
	Profile 36 (Mukyaprana Temple Road)						
	MH 2167 to MH 2164	Cum	-1	26.8	0.0	31	-0.84
	Profile 37 (MPT Cross Road)						
	MH 2399 to MH 2405	Cum	-1	119.8	0.0)31	-3.76
	For House Hold connection	Cum	-900	6	0.009		-51.29
	Total Ded						-192.04
	For Manhole side						
	Profile 1 (Nellikai Road)						
	MH 2210 to MH2209	Cum	13	2.00	2.00	1.94	100.66
	Profile 2 (Bunder Road)						
	MH 1271 to MH 2235	Cum	0	2.00	2.00	0.25	0.00
	Profile 3 (Mission Street Road)					2.50	
	MH 1202 to MH 941 Profile 4(Market,Bibi Alabi and Kandak)	Cum	8	2.00	2.00	2.68	85.70
	MH 1260 to MH 2087	Cum	31	2.00	2.00	2.17	269.05
	Profile 5 (Maidan Cross Road)	Can	<u> </u>	2.00	2.00	2.1/	203.03
	MH 1011 to MH 2046	Cum	5	1.70	1.70	1.55	22.38
	Profile 6 (Central Market Road)						
	MH 2058 to MH 1261	Cum	6	1.70	1.70	1.63	28.19
	Profile 7 (Maidan 3rd Cross Road)						
	MH 2062 to MH 2069	Cum	5	1.70	1.70	2.04	29.48
	Profile 8 (Nellikai Road)	Curre		2.00	2.00	2.40	47.00
	MH 2074 to MH 2072 Profile 9 (Jewellery lane Road)	Cum	5	2.00	2.00	2.40	47.96
	MH 1251 to MH 2453	Cum	8	2.00	2.00	1.66	53.01
	Profile 10	54111				2.00	
	MH 308 to MH 1943	Cum	5	2.00	2.00	2.48	49.58
	Profile 11						
	MH 147 to MH 1970	Cum	1	1.70	1.70	1.74	5.01
	Profile 12						
	MH 273 to MH 1978	Cum	1	1.70	1.70	1.88	5.43
	Profile 13 (Jewellery lane Road)	C	7	1 70	1 70	2.42	62.11
	MH 1990 to MH 2028	Cum	7	1.70	1.70	3.12	63.11
	Profile 14(Bhavanthi Street Road)					l	

Profile 33 (Nellikai Cross Road) Cum 5 1.70 1.53 22.12 Profile 34 (Raghavendra Mutt Road) Cum 3 2.00 2.00 2.22 26.58 Profile 35 (Cross Road) Cum 1 1.70 1.70 1.93 5.57 Profile 36 (Mukyaprana Temple Road) Cum 1 1.70 1.70 1.93 5.57	SI.No.	Description of Work	Unit	No	L	В	D	Qty
Profile 16 (Maildan 1st cross Road)		Profile 15 (Central Market Road)						
MH 764 to MH 765		MH 896 to MH 859	Cum	9	2.00	2.00	1.92	68.99
Profile 17 (Central Market Road)		Profile 16 (Maidan 1st Cross Road)						
MM 1959 to MM 1859		MH 764 to MH 765	Cum	3	1.70	1.70	1.82	15.74
Profile 18 (Gouri Mutt Street)		Profile 17 (Central Market Road)						
MM H 135 to MH 2007		MH 1959 to MH 859	Cum	4	1.70	1.70	1.53	17.69
Profile 19 (Gourl Mutt Road) MH 780 to MH 1599 Profile 20 (Gourl Mutt Road) MH 570 to MH 2003 Profile 21 (Gourl Mutt Road) MH 168 to MH 2006 Profile 22 (Bhavanthi Street Road) MH 136 to MH 2006 Profile 22 (Bhavanthi Street Road) MH 136 to MH 2009 Profile 23 MH 742 to MH 743 Profile 25 (MPT Road) MH 271 to MH 2012 Profile 25 (MPT Road) MH 993 to MH 1053 Cum 1 1.70 1.70 1.70 1.77 5.13 Profile 26 (MPT Cross Road) MH 762 to MH 2138 Profile 27 (MPT 2708 Road) MH 782 TO MH 2398 Profile 28 (Jodumutt Road) MH 983 TO MH 2398 Profile 28 (Jodumutt Road) MH 983 TO MH 2398 Profile 28 (Jodumutt Road) MH 984 TO MH 895 Profile 28 (Jodumutt Road) MH 894 TO MH 895 Profile 28 (Jodumutt Road) MH 895 TO MH 2398 Profile 28 (Jodumutt Road) MH 896 TO MH 897 Profile 28 (Jodumutt Road) MH 897 TO MH 2398 Profile 28 (Jodumutt Road) MH 898 TO MH 1895 Profile 28 (Jodumutt Road) MH 898 TO MH 1895 Profile 28 (Jodumutt Road) MH 894 TO MH 895 Profile 28 (Jodumutt Road) MH 895 TO MH 2398 Profile 28 (Jodumutt Road) MH 895 TO MH 2398 Profile 28 (Jodumutt Road) MH 895 TO MH 2398 Profile 28 (Jodumutt Road) MH 895 TO MH 2398 Profile 28 (Jodumutt Road) MH 895 TO MH 2398 Profile 28 (Jodumutt Road) MH 895 TO MH 2398 Profile 28 (Jodumutt Road) MH 895 TO MH 2398 Profile 28 (Jodumutt Road) MH 895 TO MH 2398 Profile 28 (Jodumutt Road) MH 895 Cum 2 2.00 2.00 2.25 3.53 Profile 30 (Cross Road) MH 2020 to MH 1990 Profile 30 (Cross Road) MH 2020 to MH 1990 Profile 30 (Cross Road) MH 2020 to MH 2057 Profile 30 (Registrantic Street Road) MH 2020 to MH 2057 Profile 30 (Registrantic Street Road) MH 2020 to MH 2057 Profile 30 (Registrantic Street Road) MH 2020 to MH 2057 Profile 30 (Registrantic Street Road) MH 2020 to MH 2057 Profile 30 (Registrantic Street Road) MH 2020 to MH 2057 Profile 30 (Registrantic Street Road) MH 2020 to MH 2057 Profile 30 (Registrantic Street Road) MH 2020 to MH 2057 Profile 30 (Registrantic Street Road) MH 2020 to MH 2057 Profile 30 (Registrantic Street Road) MH 2020 to MH 2057 Profile 30 (Registrantic Street Road) MH 2020 to MH 2057 Prof		, ,						
MH 78 to MH 1999			Cum	8	2.00	2.00	2.28	73.09
Profile 20(Gourl Mutt Road)		,						
MH 570 to MH 2003			Cum	1	1.70	1.70	1.86	5.37
Profile 21(Gurn Mutt Road)		· · · · · · · · · · · · · · · · · · ·						
MH 158 to MH 2006 Profile 22 (Bhavanthi Street Road) MH 136 to MH 2009 Profile 23 MH 742 to MH 743 Cum 3 1.70 1.70 2.03 17.63 Profile 24 MH 271 to MH 2012 Profile 25 (MPT Road) MH 993 to MH 1053 Cum 6 2.30 2.30 3.38 107.23 MH 993 to MH 1053 Cum 3 2.30 2.30 3.38 53.61 Profile 26 (MPT cross Road) MH 992 to MH 2398 Profile 27 (MPT Cross Road) MH 992 TO MH 2398 Cum 2 2.00 2.00 2.98 143.27 MH 993 to MH 1053 Cum 3 2.30 2.30 3.38 2.30 Profile 27 (MPT Road I) MH 993 to MH 1053 Cum 5 2.00 2.00 2.98 143.27 MH 993 TO MH 2398 Cum 12 2.00 2.00 2.98 123.89 Profile 28 (Jodumutt Road) MH 394 TO MH 395 TO MH 2398 Cum 2 2.00 2.00 2.98 2.38 Profile 28 (Jodumutt Road) MH 394 TO MH 895 TO MH 2012 MH 895 TO MH 2012 MH 2010 to MH 1090 Profile 30 (Cross Road) MH 2020 to MH 1090 Profile 31 (Raghwaendra and Mukyaprana Temple Road) MH 2020 to MH 1090 MH 2020 to MH 1090 Profile 32 (Raghwaendra Mutt Cross Road) MH 395 (Cum 10 1.70 1.70 2.15 43.55 Profile 31 (Raghwaendra Mutt Road) MH 395 (Cum 5 1.70 1.70 1.70 2.15 43.55 Profile 37 (MPT Cross Road) MH 396 To MH 207 (MT 207 COR 200 1.70 1.70 1.70 1.70 1.70 1.70 1.70 1.			Cum	2	2.00	2.00	2.43	19.48
Profile 22 (Bhavanthi Street Road)								
MH 136 to MH 2009 Profile 23 MH 742 to MH 743 Cum 3 1.70 1.70 2.23 17.63 Profile 24 MH 271 to MH 2012 Cum 1 1.70 1.70 1.70 1.77 5.13 Profile 25 (MPT Road) MH 993 to MH 1053 Cum 6 2.30 2.30 3.38 107.23 MH 993 to MH 1053 Cum 3 2.30 2.30 3.38 53.61 Profile 26 (MPT Cross Road) MH 762 to MH 2138 Cum 5 2.00 2.00 2.00 3.34 66.89 Profile 27 (MPT Cross Road) MH 982 TO MH 2398 Cum 12 2.00 2.00 2.98 143.27 MH 982 TO MH 2398 Cum 2 2.00 2.00 2.99 2.98 23.88 Profile 28 (Jodumutt Road) MH 786 TO MH 897 Profile 30 (Cross Road) MH 894 TO MH 895 Cum 0 1.70 1.70 3.43 29.76 Profile 30 (Cross Road) MH 678 TO MH 695 Profile 31 (Raghavendra and Mukyaprana Temple Road) MH 2020 to MH 1090 Profile 32 (Raghavendra Mutt Cross Road) MH 967 to MH 2157 Cum 0 2.30 2.30 2.30 0.25 0.00 Profile 33 (Raghavendra Mutt Cross Road) MH 976 to MH 2157 Cum 1 1.70 1.70 1.70 1.70 1.53 22.12 Profile 34 (Raghavendra Mutt Road) MH 396 To MH 2157 Cum 1 1.70 1.70 1.70 1.70 1.53 22.12 Profile 35 (Cross Road) MH 367 to MH 2157 Cum 1 1.70 1.70 1.70 1.70 1.53 22.12 Profile 36 (Mukyaprana Temple Road) MH 376 to MH 2157 Cum 1 1.70 1.70 1.70 1.53 22.12 Profile 36 (Mukyaprana Temple Road) MH 2159 to MH 364 Profile 37 (MPT Cross Road) MH 2159 to MH 2164 Profile 38 (Cross Road) MH 2159 to MH 2164 Profile 37 (MPT Cross Road) MH 2159 to MH 2164 Profile 37 (MPT Cross Road) MH 2159 to MH 2164 Profile 37 (MPT Cross Road) MH 2167 to MH 2164 Profile 38 (Mukyaprana Temple Road) MH 2169 to MH 2165 Cum 5 1.70 1.70 1.70 1.53 2.2.12 Profile 37 (MPT Cross Road) MH 2169 to MH 2164 Profile 38 (Mukyaprana Temple Road) MH 2169 to MH 2165 Cum 5 1.70 1.70 1.70 1.53 2.2.12 Profile 39 (Cross Road) MH 2169 to MH 2164 Profile 39 (Mahole portion (Avg Circumference (0.9+0.45/2)=0.675m) Cum -55 0.36 1.50 -29.51 Cum -79 0.99 3.28 2-29.82 Total Ded Manhole portion (Avg Circumference (1.5+0.75/2)=1.125m) Ded Manhole portion (Avg Circumference (1.5+0.75/2)=1.125m)			Cum	1	1.70	1.70	2.00	5.79
Profile 23		· · · · · · · · · · · · · · · · · · ·						
MH 742 to MH 743			Cum	0	1.70	1./0	0.25	0.00
Profile 24				-	4.70	4.70	2.02	47.60
MH 271 to MH 2012			Cum	3	1./0	1.70	2.03	17.63
Profile 25 (MPT Road)			6	4	4.70	4.70	4 77	F 42
MH 993 to MH 1053			Cum	1	1.70	1.70	1.//	5.13
MH 993 to MH 1053		, ,	Corre	-	2.20	2.20	2.20	407.33
Profile 26 (MPT Cross Road)			-		1			
MH 762 to MH 2138			Cum	3	2.30	2.30	3.36	33.01
Profile 27 (MPT Cross Road)		,	Cum		2.00	2.00	2 24	66.90
MH 982 TO MH 2398			Cuiii	3	2.00	2.00	3.34	00.69
MH 982 TO MH 2398		, ,	Cum	12	2.00	2.00	2 98	1/13 27
Profile 28 (Jodumutt Road)			_					
MH 786 TO MH 787			Cuiii		2.00	2.00	2.30	23.00
Profile 29 (Bhavanthi Street Road)			Cum	3	1 70	1 70	3 43	29 76
MH 894 TO MH 895			Cum	,	1.70	1.70	3.43	23.70
Profile 30 (Cross Road)			Cum	0	1 70	1 70	0.25	0.00
MH 678 TO MH 695			Cum		1.70	1.70	0.23	0.00
Profile 31 (Raghavendra and Mukyaprana Temple Road)			Cum	4	2.00	2.00	2.25	35.93
MH 2020 to MH 1090								
MH 967 to MH 2157			Cum	0	2.30	2.30	0.25	0.00
Profile 33 (Nellikai Cross Road)		Profile 32 (Raghavendra Mutt Cross Road)						
MH 940 to MH 2221		MH 967 to MH 2157	Cum	7	1.70	1.70	2.15	43.55
Profile 34 (Raghavendra Mutt Road)		Profile 33 (Nellikai Cross Road)						
MH 766 to MH 767		MH 940 to MH 2221	Cum	5	1.70	1.70	1.53	22.12
Profile 35 (Cross Road) Cum 1 1.70 1.70 1.93 5.57 Profile 36 (Mukyaprana Temple Road) Cum 1 1.70 1.70 1.65 4.78 Profile 37 (MPT Cross Road) Cum 5 2.00 2.00 1.70 33.90 MH 2399 to MH 2405 Cum 5 2.00 2.00 1.70 33.90 Area=Pi*r*r Ded Manhole portion (Avg Circumference (0.9+0.45/2)=0.675m) Cum -55 0.36 1.50 -29.51 Ded Manhole portion (Avg Circumference (1.2+0.6/2)=0.9m) Cum -120 0.64 1.80 -137.34 Ded Manhole portion (Avg Circumference (1.5+0.75/2)=1.125m) Cum -9 0.99 3.28 -29.28 Total Deduction Qty Cum -1 -388.17		Profile 34 (Raghavendra Mutt Road)						
MH 2159 to MH 364		MH 766 to MH 767	Cum	3	2.00	2.00	2.22	26.58
Profile 36 (Mukyaprana Temple Road)		Profile 35 (Cross Road)						
MH 2167 to MH 2164			Cum	1	1.70	1.70	1.93	5.57
Profile 37 (MPT Cross Road) Cum 5 2.00 2.00 1.70 33.90 MH 2399 to MH 2405 Cum 5 2.00 2.00 1.70 33.90 1585.55 Area=Pi*r*r Ded Manhole portion (Avg Circumference (0.9+0.45/2)=0.675m) Cum -55 0.36 1.50 -29.51 Ded Manhole portion (Avg Circumference (1.2+0.6/2)=0.9m) Cum -120 0.64 1.80 -137.34 Ded Manhole portion (Avg Circumference (1.5+0.75/2)=1.125m) Cum -9 0.99 3.28 -29.28 Total Deduction Qty Cum -1 -388.17		Profile 36 (Mukyaprana Temple Road)						
MH 2399 to MH 2405 Cum 5 2.00 2.00 1.70 33.90		MH 2167 to MH 2164	Cum	1	1.70	1.70	1.65	4.78
Ded Manhole portion (Avg Circumference (0.9+0.45/2)=0.675m) Cum -55 0.36 1.50 -29.51		Profile 37 (MPT Cross Road)						
Area=Pi*r*r Ded Manhole portion (Avg Circumference (0.9+0.45/2)=0.675m) Cum -55 0.36 1.50 -29.51		MH 2399 to MH 2405	Cum	5	2.00	2.00	1.70	33.90
Ded Manhole portion (Avg Circumference (0.9+0.45/2)=0.675m) Cum -55 0.36 1.50 -29.51 Ded Manhole portion (Avg Circumference (1.2+0.6/2)=0.9m) Cum -120 0.64 1.80 -137.34 Ded Manhole portion (Avg Circumference (1.5+0.75/2)=1.125m) Cum -9 0.99 3.28 -29.28 Total Deduction Qty Cum -1 -388.17								1585.55
Ded Manhole portion (Avg Circumference (1.2+0.6/2)=0.9m) Cum -120 0.64 1.80 -137.34 Ded Manhole portion (Avg Circumference (1.5+0.75/2)=1.125m) Cum -9 0.99 3.28 -29.28 Total Deduction Qty Cum -1 -388.17								
Ded Manhole portion (Avg Circumference (1.5+0.75/2)=1.125m) Cum -9 0.99 3.28 -29.28 Total Deduction Qty Cum -1 -388.17			Cum	-55	0.36		1.50	-29.51
Ded Manhole portion (Avg Circumference (1.5+0.75/2)=1.125m)		Ded Manhole portion (Avg Circumference (1.2+0.6/2)=0.9m)	Cum	-120	0.64		1.80	-137.34
Total Deduction Qty Cum -1 -388.17		Ded Manhole portion (Avg Circumference (1.5+0.75/2)=1.125m)	Cum	-9	0.99		3.28	-29.28
			Cum					
		-	_				Net Total	
		-						

SI.No.	Description of Work	Unit	No	L	В	D	Qty
	Supplying Unplasticised PVC pipes confirming to IS 15328:2003 with						
	latest amendments ended with integral sockets with ISI mark and						
	conveying to worksite, rolling and lowering into trenches, Laying true to line and level and perfect linking at joints, testing and						
	commissioning,including loading and unloading at both destinations						
	and cuts of pipes wherever necessary including jointing of UPVC Pipes						
6	(with cost of elastomeric sealing rings) and specials (excluding cost of						
	specials) with jointing of approved type, with all labour with all lead						
	and lift including encasing the pipe alround to a depth of not less than						
	15cms with soft gravel or selected earth available from the excavation						
	etc.,complete and giving neccessary hydraulic test to the required pressure as per ISS (Contractor will make his own arrangements for						
	procuring water for testing)						
	KLIWSDR Pg No 205 and 207 SLNo 4						
	Supply and laying of PVC- U Pipes as per IS 15328 SN 4 -Ring tite:						
	Profile 1 (Nellikai Road) MH 2210 to MH2209	Dm+	1	222.62			222.62
	Profile 2 (Bunder Road)	Rmt	1	323.62			323.62
	MH 1271 to MH 2235	Rmt	1	0			0.00
	Profile 3 (Mission Street Road)						
	MH 1202 to MH 941	Rmt	1	246.2			246.20
	Profile 4(Market,Bibi Alabi and Kandak)						
	MH 1260 to MH 2087 Profile 5 (Maidan Cross Road)	Rmt	1	779.9			779.90
	MH 1011 to MH 2046	Rmt	1	104.4			104.40
	Profile 6 (Central Market Road)			10			100
	MH 2058 to MH 1261	Rmt	1	107.9			107.90
	Profile 7 (Maidan 3rd Cross Road)						
	MH 2062 to MH 2069 Profile 8 (Nellikai Road)	Rmt	1	148.5			148.50
	MH 2074 to MH 2072	Rmt	1	130.3			130.30
	Profile 9 (Jewellery lane Road)	INITE		130.3			150.50
	MH 1251 to MH 2453	Rmt	1	188			188.00
	Profile 10						
	MH 308 to MH 1943	Rmt	1	100.4			100.40
	Profile 11 MH 147 to MH 1970	Rmt	1	30			30.00
	Profile 12	Kilic		30			30.00
	MH 273 to MH 1978	Rmt	1	30.6			30.60
	Profile 13 (Jewellery lane Road)						
	MH 1990 to MH 2028	Rmt	1	160.5			160.50
	Profile 14(Bhavanthi Street Road) MH 894 to MH 895	Dm+	1	0			0.00
	Profile 15 (Central Market Road)	Rmt	1	U			0.00
	MH 896 to MH 859	Rmt	1	181.5			181.50
	Profile 16 (Maidan 1st Cross Road)						
	MH 764 to MH 765	Rmt	1	70.2			70.20
	Profile 17 (Central Market Road) MH 1959 to MH 859	Dm+	1	126.1			126 10
	Profile 18 (Gouri Mutt Street)	Rmt	1	126.1			126.10
	MH 1135 to MH 2007	Rmt	1	204.1			204.10
	Profile 19 (Gouri Mutt Road)						
	MH 78 to MH 1999	Rmt	1	20.3			20.30
	Profile 20(Gouri Mutt Road)	Dont	4	F4.4			F4.40
	MH 570 to MH 2003 Profile 21(Gouri Mutt Road)	Rmt	1	51.1			51.10
	MH 168 to MH 2006	Rmt	1	28.1			28.10
	Profile 22 (Bhavanthi Street Road)						
	MH 136 to MH 2009	Rmt	1	0			0.00
	Profile 23	_					
	MH 742 to MH 743 Profile 24	Rmt	1	67.2			67.20
	MH 271 to MH 2012	Rmt	1	28.6			28.60
	Profile 25 (MPT Road)						
	MH 993 to MH 1053	Rmt	1	216.84			216.84
	Profile 26 (MPT Cross Road)						
	MH 762 to MH 2138	Rmt	1	93.12		<u> </u>	93.12

SI.No.	Description of Work	Unit	No	L	В	D	Qty
	Profile 27 (MPT Cross Road)	Doort	1	200.1			200.10
	MH 982 TO MH 2398 Profile 28 (Jodumutt Road)	Rmt	1	399.1			399.10
	MH 786 TO MH 787	Rmt	1	72.4			72.40
	Profile 29 (Bhavanthi Street Road)						
	MH 894 TO MH 895	Rmt	1	0			0.00
	Profile 30 (Cross Road)						
	MH 678 TO MH 695	Rmt	1	70.2			70.20
	Profile 31 (Raghavendra and Mukyaprana Temple Road)	Dont	4	•			0.00
	MH 2020 to MH 1090 Profile 32 (Raghavendra Mutt Cross Road)	Rmt	1	0			0.00
	MH 967 to MH 2157	Rmt	1	184.7			184.70
	Profile 33 (Nellikai Cross Road)			10 1.7			10 1.70
	MH 940 to MH 2221	Rmt	1	94.6			94.60
	Profile 34 (Raghavendra Mutt Road)						
	MH 766 to MH 767	Rmt	1	62.8			62.80
	Profile 35 (Cross Road)						
	MH 2159 to MH 364	Rmt	1	14.4			14.40
	Profile 36 (Mukyaprana Temple Road)			26.0			26.00
	MH 2167 to MH 2164 Profile 37 (MPT Cross Road)	Rmt	1	26.8			26.80
	MH 2399 to MH 2405	Rmt	1	119.8			119.80
	WIT 2333 to WIT 2403	Rmt	1	115.0		Total	4482.28
						Total	4483.00
7	Supplying Unplasticised PVC pipes confirming to IS 15328:2003 with latest amendments ended with integral sockets with ISI mark and conveying to worksite, rolling and lowering into trenches, Laying true to line and level and perfect linking at joints, testing and commissioning, including loading and unloading at both destinations and cuts of pipes wherever necessary including jointing of UPVC Pipes (with cost of elastomeric sealing rings) and specials (excluding cost of specials) with jointing of approved type, with all labour with all lead and lift including encasing the pipe alround to a depth of not less than 15cms with soft gravel or selected earth available from the excavation etc., complete and giving neccessary hydraulic test to the required pressure as per ISS (Contractor will make his own arrangements for procuring water for testing) KLIMSDR Pg No 207 and 207 SI No h1 Supply and laying of PVC- U Pipes as per IS 15328 SN 8 -Ring tite: 110mm For House old Connection	Rmt	900	6.00		Total	5400.00
		Rmt				Total	5400.00
7	Construction of RCC Manhole chambers of 1:1.5:3 proportion using form vibrators of standard type with barricading,danger lighting and using of sight rails and boning rods wherever necessary,shoring,strurtting wherever required using ordinary port land cement,using 1:1.5:3 proportion RCC with 20mm and down graded jelly,well graded sand and steel of approved quality 200mm thick top concrete slab having wall thickness and raft thickness as in approved drawing,benching concrete with 1:6 slope towards the central drain finished smooth,including fixing and grouting of pipes,including conveying to work spot supply and fixing SFRC manhole cover and frame(Heavy Duty) conforming to IS: 12592 with latest amendments,on a bed of CC 1:2:4 supplying and fixing of minimum mm thick encapsulated MS Square footstepsStaggered at 300mm apart as detailed in Technical specifications including sand bedding wherever required disposal of surplus earth,watering,curing,engraving,manhole number with flow direction on the inner cylindrical surface etc,Complete including cost of reinforcement steel and fabrication charges and also cost and						
	0.9M Dia Manhole 1.2M Dia Manhole	Nos Nos	55.00 120.00				55.00 120.00
	1.5M Dia Manhole	Nos	9.00				9.00
			2.00			Total	184.00

SI.No.	Description of Work	Unit	No	L	В	D	Qty
8	Refilling Pipeline Trenches and foundation with selected available earth from trench excavation and foundation including watering, consolidation in layers of 15cms., thick including disposing off the surplus earth with all lead and lift. KUWSDB Pg No 15, SI No 2						
а	Excavation Qty (Pipe Line trench and Manhole) -SI No 3 & 4	Cum	1				17154.23
b	Deduction						
	Sand Bed Qty-SI No 5	Cum	-1				-4031.97
	Pipe Qty - Sl No 5	Cum	-1				-192.04
	Bituminous layer Qty (Sl No.10 & 11)	Cum	-1				-4926.05
	·			To	tal Refilled (Qty	8004.17

SI.No.	Description of Work	Unit	No	L	В	D	Qty
	Carting of excavated earth of all types upto adistance mentioned						
	below and re-carting back to the same site by vehicle including						
	loading, unloading charges for to and fro, with all lifts and labour, HOM						
9	of machinary etc, complete after obtaining the approval of the Chief						
	Engineer. e) 4.0 to 5.0 Km						
	KUWSDB Pg No.15,SI No.3						
a	Excavation Qty (SI No 8 a)	Cum	1				17154.23
b	Deduction	Cuiii					1/134.23
	Refilled Excavated Soil Qty (SI No. 8)	Cum	-1				-8004.17
	Total Qty	Cum	_				9150.06
	Deduct 0.75% Wastage during loading	Cum	-1				-68.63
	Net Qty	Cum					9081.43
	KSRRB M400-6.2. Constriction of Granular Sub-base by Providing						
	Close graded cushed stone aggregates of granite /trap/basalt material						
	spreading in uniform layers with motor grader on prepared surface,						
	mixing by mix in place method by rotavator at OMC, and compacting						
10	with vibratory power roller to achieve the desired density, complete						
	as per specifications.						
	B. By mix in place Method						
	For grading II material						
	KSRB Pg No.155,20.5.2						
	Bituminous Road						
	Only for Pipe portion trench Profile 1 (Nellikai Road)						
	MH 2210 to MH2209	Cum	1.00	323.62	1.40	0.15	67.96
	Profile 2 (Bunder Road)	Cuiii	1.00	323.02	1.40	0.13	07.50
	MH 1271 to MH 2235	Cum	1.00	0.00	1.40	0.15	0.00
	Profile 3 (Mission Street Road)	Cum	1.00	0.00	1.10	0.15	0.00
	MH 1202 to MH 941	Cum	1.00	246.20	1.40	0.15	51.70
	Profile 4(Market,Bibi Alabi and Kandak)						
	MH 1260 to MH 2087	Cum	1.00	779.90	1.40	0.15	163.78
	Profile 5 (Maidan Cross Road)						
	MH 1011 to MH 2046	Cum	1.00	104.40	1.40	0.15	21.92
	Profile 6 (Central Market Road)						
	MH 2058 to MH 1261	Cum	1.00	107.90	1.40	0.15	22.66
	Profile 7 (Maidan 3rd Cross Road)	_					
	MH 2062 to MH 2069	Cum	1.00	148.50	1.40	0.15	31.19
	Profile 8 (Nellikai Road)	Cum	1.00	120.20	1 40	0.15	27.26
	MH 2074 to MH 2072	Cum	1.00	130.30	1.40	0.15	27.36
	Profile 9 (Jewellery lane Road) MH 1251 to MH 2453	Cum	1.00	188.00	1.40	0.15	39.48
	Profile 10	Cuiii	1.00	100.00	1.40	0.13	33.40
	MH 308 to MH 1943	Cum	1.00	100.40	1.40	0.15	21.08
	Profile 11		2.00	1000	21.10	0.125	22.00
	MH 147 to MH 1970	Cum	1.00	30.00	1.40	0.15	6.30
	Profile 12						
	MH 273 to MH 1978	Cum	1.00	30.60	1.40	0.15	6.43
	Profile 13 (Jewellery lane Road)						
	MH 1990 to MH 2028	Cum	1.00	160.50	1.40	0.15	33.71
	Profile 14(Bhavanthi Street Road)						
	MH 894 to MH 895	Cum	1.00	0.00	1.40	0.15	0.00
	Profile 15 (Central Market Road)						
	MH 896 to MH 859	Cum	1.00	181.50	1.40	0.15	38.12
	Profile 16 (Maidan 1st Cross Road)		4.55	70.00			4
	MH 764 to MH 765	Cum	1.00	70.20	1.40	0.15	14.74
	Profile 17 (Central Market Road)	C	1.00	120 10	4.40	0.45	20.40
	MH 1959 to MH 859	Cum	1.00	126.10	1.40	0.15	26.48
	Profile 18 (Gouri Mutt Street) MH 1135 to MH 2007	Cum	1.00	204.10	1.40	0.15	42.86
	Profile 19 (Gouri Mutt Road)	Cum	1.00	204.10	1.40	0.15	42.00
	MH 78 to MH 1999	Cum	1.00	20.30	1.40	0.15	4.26
	Profile 20(Gouri Mutt Road)	Cuill	1.00	20.30	1.40	0.13	4.20
	MH 570 to MH 2003	Cum	1.00	51.10	1.40	0.15	10.73
	Profile 21(Gouri Mutt Road)	24.11	2.00	51.10	1.10	3.13	20.75
	MH 168 to MH 2006	Cum	1.00	28.10	1.40	0.15	5.90

SI.No.	Description of Work	Unit	No	L	В	D	Qty
	Profile 22 (Bhavanthi Street Road)	Curre	1.00	0.00	1.40	0.15	0.00
	MH 136 to MH 2009 Profile 23	Cum	1.00	0.00	1.40	0.15	0.00
	MH 742 to MH 743	Cum	1.00	67.20	1.40	0.15	14.11
	Profile 24						
	MH 271 to MH 2012	Cum	1.00	28.60	1.40	0.15	6.01
	Profile 25 (MPT Road) MH 993 to MH 1053	Cum	1.00	216.84	1.40	0.15	45.54
	Profile 26 (MPT Cross Road)	Cum	1.00	210.01	1.10	0.13	13.3 1
	MH 762 to MH 2138	Cum	1.00	93.12	1.40	0.15	19.56
	Profile 27 (MPT Cross Road)		4.00	200.40	1.10	0.45	02.04
	MH 982 TO MH 2398 Profile 28 (Jodumutt Road)	Cum	1.00	399.10	1.40	0.15	83.81
	MH 786 TO MH 787	Cum	1.00	72.40	1.40	0.15	15.20
	Profile 29 (Bhavanthi Street Road)						
	MH 894 TO MH 895	Cum	1.00	0.00	1.40	0.15	0.00
	Profile 30 (Cross Road)	Curre	1.00	70.20	1 10	0.15	1474
	MH 678 TO MH 695 Profile 31 (Raghavendra and Mukyaprana Temple Road)	Cum	1.00	70.20	1.40	0.15	14.74
	MH 2020 to MH 1090	Cum	1.00	0.00	1.40	0.15	0.00
	Profile 32 (Raghavendra Mutt Cross Road)						
	MH 967 to MH 2157	Cum	1.00	184.70	1.40	0.15	38.79
	Profile 33 (Nellikai Cross Road)		4.00	04.60	1.10	0.45	10.07
	MH 940 to MH 2221 Profile 34 (Raghavendra Mutt Road)	Cum	1.00	94.60	1.40	0.15	19.87
	MH 766 to MH 767	Cum	1.00	62.80	1.40	0.15	13.19
	Profile 35 (Cross Road)		1.00	02.00	21.10	0.13	20.25
	MH 2159 to MH 364	Cum	1.00	14.40	1.40	0.15	3.02
	Profile 36 (Mukyaprana Temple Road)						
	MH 2167 to MH 2164	Cum	1.00	26.80	1.40	0.15	5.63
	Profile 37 (MPT Cross Road) MH 2399 to MH 2405	Cum	1.00	119.80	1.40	0.15	25.16
	10111 2333 to 10111 2403	Cum	1.00	113.80	1.40	0.13	23.10
	Only for Manhole portion						
	Profile 1 (Nellikai Road)						
	MH 2210 to MH2209	Cum	13.00	2.00	2.00	0.15	7.80
	Profile 2 (Bunder Road) MH 1271 to MH 2235	Cum	0.00	2.00	2.00	0.15	0.00
	Profile 3 (Mission Street Road)	Cum	0.00	2.00	2.00	0.13	0.00
	MH 1202 to MH 941	Cum	8.00	2.00	2.00	0.15	4.80
	Profile 4(Market,Bibi Alabi and Kandak)						
	MH 1260 to MH 2087	Cum	31.00	2.00	2.00	0.15	18.60
	Profile 5 (Maidan Cross Road) MH 1011 to MH 2046	Cum	5.00	1.70	1.70	0.15	2.17
	Profile 6 (Central Market Road)	Cuili	3.00	1.70	1.70	0.13	2.17
	MH 2058 to MH 1261	Cum	6.00	1.70	1.70	0.15	2.60
	Profile 7 (Maidan 3rd Cross Road)						
	MH 2062 to MH 2069	Cum	5.00	1.70	1.70	0.15	2.17
	Profile 8 (Nellikai Road)	Cum	F 00	2.00	2.00	0.15	2.00
	MH 2074 to MH 2072 Profile 9 (Jewellery lane Road)	Cum	5.00	2.00	2.00	0.15	3.00
	MH 1251 to MH 2453	Cum	8.00	2.00	2.00	0.15	4.80
	Profile 10						
	MH 308 to MH 1943	Cum	5.00	2.00	2.00	0.15	3.00
	Profile 11	Cure	1.00	1.70	1 70	0.15	0.42
	MH 147 to MH 1970 Profile 12	Cum	1.00	1.70	1.70	0.15	0.43
	MH 273 to MH 1978	Cum	1.00	1.70	1.70	0.15	0.43
	Profile 13 (Jewellery lane Road)						
	MH 1990 to MH 2028	Cum	7.00	1.70	1.70	0.15	3.03
	Profile 14(Bhavanthi Street Road)		0.00	4 70	4 70	0.15	0.00
	MH 894 to MH 895 Profile 15 (Central Market Road)	Cum	0.00	1.70	1.70	0.15	0.00
	MH 896 to MH 859	Cum	9.00	2.00	2.00	0.15	5.40
	Profile 16 (Maidan 1st Cross Road)		2.00		2.00	5.25	33
	MH 764 to MH 765	Cum	3.00	1.70	1.70	0.15	1.30
	Profile 17 (Central Market Road)						

Ded Manhole cover - 0.45m Ded Manhole cover - 0.60m Cum -55.00 Ded Manhole cover - 0.60m Cum -9.00 Cum -9	SI.No.	Description of Work	Unit	No	L	В	D	Qty
MH 1135 to MH 1207		MH 1959 to MH 859	Cum	4.00	1.70	1.70	0.15	1.73
Profile 19 (Souri Mutt Road)		,		0.00	2.00	2.00	0.45	4.00
MM H7 81 to MM 1999			Cum	8.00	2.00	2.00	0.15	4.80
Profile 20 (Court MULT Road)			Cum	1.00	1.70	1.70	0.15	0.43
Profile 21 (Gouri Mutt Road)							0.20	
MM 158 to MH 2006		MH 570 to MH 2003	Cum	2.00	2.00	2.00	0.15	1.20
Profile 22 (Bhavanth) Street Road)		,	_					
MH 136 to MH 2009			Cum	1.00	1.70	1.70	0.15	0.43
Profile 24			Cum	0.00	1 70	1 70	0.15	0.00
Profile 24			Cum	0.00	1.70	1.70	0.13	0.00
MH 371 to MH 2012		MH 742 to MH 743	Cum	3.00	1.70	1.70	0.15	1.30
Profile 25 (MPT Road)								
MH 993 to MH 1053			Cum	1.00	1.70	1.70	0.15	0.43
MH 993 to MH 1033		,	Cum	6.00	2 30	2 30	0.15	4.76
Profile 26 (MPT Cross Road)								2.38
Profile 27 (MPT Cross Road)				0.00			0.120	
MH 982 TO MH 2398		MH 762 to MH 2138	Cum	5.00	2.00	2.00	0.15	3.00
MH 982 TO MH 2398		,						
Profile 28 (Jodumutt Road)								7.20
MH 786 TO MH 787			Cum	2.00	2.00	2.00	0.15	1.20
Profile 29 (Bhavanthi Street Road)			Cum	3.00	1.70	1.70	0.15	1.30
Profile 30 (Cross Road)				0.00			0.120	
MH 678 TO MH 695		MH 894 TO MH 895	Cum	0.00	1.70	1.70	0.15	0.00
Profile 31 (Raghavendra and Mukyaprana Temple Road)								
MH 2020 to MH 1090			Cum	4.00	2.00	2.00	0.15	2.40
Profile 32 (Raghavendra Mutt Cross Road)			Cum	0.00	2 30	2 30	0.15	0.00
MH 967 to MH 2157			Cum	0.00	2.50	2.50	0.13	0.00
MH 940 to MH 2221			Cum	7.00	1.70	1.70	0.15	3.03
Profile 34 (Raghavendra Mutt Road)		Profile 33 (Nellikai Cross Road)						
MH 766 to MH 767			Cum	5.00	1.70	1.70	0.15	2.17
Profile 35 (Cross Road)			Cum	2.00	2.00	2.00	0.15	1.80
MH 2159 to MH 364			Cuiii	3.00	2.00	2.00	0.13	1.60
MH 2167 to MH 2164		,	Cum	1.00	1.70	1.70	0.15	0.43
Profile 37 (MPT Cross Road) MH 2399 to MH 2405 Cum 5.00 2.00 2.00 0.15 For House Hold Connection Cum 900.00 6.00 1.00 0.15 8: Area (Pi*r*r) Ded Manhole cover - 0.45m Ded Manhole cover - 0.60m Cum -55.00 0.16 0.15 Ded Manhole cover - 0.75m Cum -9.00 0.44 0.15 Cum -9.00 0.44 0.15 Cum Total 18: KSRRB M400-Wet Mix macadam KSRRB M400-17. Providing, laying, spreading and compacting cushed stone aggregates of granite/trap/basalt to wet mix macadam specification including per mixing the material with water at OMC in Mechanical mix plant carriage of mixed material by tipper to site, laying in uniform layers with paver in subbase/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specification. MORTH Specification NO.406 KSRR Pa No. 158, 20.18 Only for Pipe portion trench Profile 1 (Nellikai Road) MH 2210 to MH2209 Cum 1 323.62 1.4 0.25 1:		Profile 36 (Mukyaprana Temple Road)						
MH 2399 to MH 2405 For House Hold Connection Cum 900.00 6.00 1.00 0.15 Area (Pi*r*r) Ded Manhole cover-0.45m Cum -55.00 0.16 0.15 Ded Manhole cover - 0.60m Cum -120.00 0.28 0.15 Ded Manhole cover - 0.75m Cum -9.00 0.44 0.15 Cum -9.00 0.44 KSRRB M400-Wet Mix macadam KSRRB M400-17. Providing, laying, spreading and compacting cushed stone aggregates of granite/trap/basalt to wet mix macadam specification including per mixing the material with water at OMC in Mechanical mix plant carriage of mixed material by tipper to site, laying in uniform layers with paver in subbase/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specification. MORTH Specification NO.406 KSRR Pa No 158 20 18 Only for Pipe portion trench Profile 1 (Nellikai Road) MH 2210 to MH2209 Cum 1 323.62 1.4 0.25 1:			Cum	1.00	1.70	1.70	0.15	0.43
For House Hold Connection Cum 900.00 6.00 1.00 0.15 83 Area (Pi*r*r) Ded Manhole cover-0.45m Cum -55.00 0.16 0.15 Ded Manhole cover - 0.60m Cum -120.00 0.28 0.15 Ded Manhole cover - 0.75m Cum -9.00 0.44 0.15 Cum Total KSRRB M400-Wet Mix macadam KSRRB M400-17. Providing, laying, spreading and compacting cushed stone aggregates of granite/trap/ basalt to wet mix macadam specification including per mixing the material with water at OMC in Mechanical mix plant carriage of mixed material by tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specification. MORTH Specification NO.406 KSRB Pa No.158 20 18 Only for Pipe portion trench Profile 1 (Nellikai Road) MH 2210 to MH2209 Cum 1 323.62 1.4 0.25 1:			Cura	F 00	2.00	2.00	0.15	2.00
Ded Manhole cover - 0.45m Ded Manhole cover - 0.60m Cum -120.00 0.28 0.15 Ded Manhole cover - 0.75m Cum -9.00 0.44 0.15 Cum -9.00 0.44 10.15 KSRRB M400-Wet Mix macadam KSRRB M400-17. Providing, laying, spreading and compacting cushed stone aggregates of granite/trap/basalt to wet mix macadam specification including per mixing the material with water at OMC in Mechanical mix plant carriage of mixed material by tipper to site, laying in uniform layers with paver in subbase/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specification. MORTH Specification NO.406 KSRR Pa No 158 20 18 Only for Pipe portion trench Profile 1 (Nellikai Road) MH 2210 to MH2209 Cum 1 323.62 1.4 0.25 1:		MH 2399 to MH 2405	Cum	5.00	2.00	2.00	0.15	3.00
Ded Manhole cover - 0.45m Ded Manhole cover - 0.60m Cum -120.00 0.28 0.15 Ded Manhole cover - 0.75m Cum -9.00 0.44 0.15 Cum -9.00 0.44 10.15 KSRRB M400-Wet Mix macadam KSRRB M400-17. Providing, laying, spreading and compacting cushed stone aggregates of granite/trap/ basalt to wet mix macadam specification including per mixing the material with water at OMC in Mechanical mix plant carriage of mixed material by tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specification. MORTH Specification NO.406 KSRR Pa No 158 20 18 Only for Pipe portion trench Profile 1 (Nellikai Road) MH 2210 to MH2209 Cum 1 323.62 1.4 0.25 1:		For House Hold Connection	Cum	900.00	6.00	1.00	0.15	810.00
Ded Manhole cover - 0.45m Ded Manhole cover - 0.60m Cum -120.00 0.28 0.15 Ded Manhole cover - 0.75m Cum -9.00 0.44 0.15 Cum -9.00 0.44 10.15 KSRRB M400-Wet Mix macadam KSRRB M400-17. Providing, laying, spreading and compacting cushed stone aggregates of granite/trap/ basalt to wet mix macadam specification including per mixing the material with water at OMC in Mechanical mix plant carriage of mixed material by tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specification. MORTH Specification NO.406 KSRR PP No. 158 20 18 Only for Pipe portion trench Profile 1 (Nellikai Road) MH 2210 to MH2209 Cum 1 323.62 1.4 0.25 1:							0.120	0_000
Ded Manhole cover - 0.60m					Area (Pi*r*r)		
Ded Manhole cover - 0.75m Cum -9.00 0.44 0.15 Cum Total 18 KSRRB M400-Wet Mix macadam KSRRB M400-17. Providing, laying, spreading and compacting cushed stone aggregates of granite/trap/ basalt to wet mix macadam specification including per mixing the material with water at OMC in Mechanical mix plant carriage of mixed material by tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specification. MORTH Specification NO.406 KSRR Pa No. 158 20.18 Only for Pipe portion trench Profile 1 (Nellikai Road) MH 2210 to MH2209 Cum 1 323.62 1.4 0.25 1:								-1.31
KSRRB M400-Wet Mix macadam KSRRB M400-17. Providing, laying, spreading and compacting cushed stone aggregates of granite/trap/ basalt to wet mix macadam specification including per mixing the material with water at OMC in Mechanical mix plant carriage of mixed material by tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specification. MORTH Specification NO.406 KSRR Pa No.158 20.18 Only for Pipe portion trench Profile 1 (Nellikai Road) MH 2210 to MH2209 Cum 1 323.62 1.4 0.25 13								-5.09 -0.60
KSRRB M400-Wet Mix macadam KSRRB M400-17. Providing, laying, spreading and compacting cushed stone aggregates of granite/trap/ basalt to wet mix macadam specification including per mixing the material with water at OMC in Mechanical mix plant carriage of mixed material by tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specification. MORTH Specification NO.406 KSRR Pa No.158 20.18 Only for Pipe portion trench Profile 1 (Nellikai Road) MH 2210 to MH2209 Cum 1 323.62 1.4 0.25 1:		Ded Mailliole Cover - 0.75111	Cuiii	-9.00	0.44		0.13	-0.00
KSRRB M400-Wet Mix macadam KSRRB M400-17. Providing, laying, spreading and compacting cushed stone aggregates of granite/trap/ basalt to wet mix macadam specification including per mixing the material with water at OMC in Mechanical mix plant carriage of mixed material by tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specification. MORTH Specification NO.406 KSRR Pa No.158 20.18 Only for Pipe portion trench Profile 1 (Nellikai Road) MH 2210 to MH2209 Cum 1 323.62 1.4 0.25 1:			Cum				Total	1847.27
spreading and compacting cushed stone aggregates of granite/trap/ basalt to wet mix macadam specification including per mixing the material with water at OMC in Mechanical mix plant carriage of mixed material by tipper to site, laying in uniform layers with paver in sub- base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specification. MORTH Specification NO.406 KSRR Pa No.158 20.18 Only for Pipe portion trench Profile 1 (Nellikai Road) MH 2210 to MH2209 Cum 1 323.62 1.4 0.25 1:								
basalt to wet mix macadam specification including per mixing the material with water at OMC in Mechanical mix plant carriage of mixed material by tipper to site, laying in uniform layers with paver in sub- base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specification. MORTH Specification NO.406 KSRR Pa No.158 20.18 Only for Pipe portion trench Profile 1 (Nellikai Road) MH 2210 to MH2209 Cum 1 323.62 1.4 0.25 1:								
material with water at OMC in Mechanical mix plant carriage of mixed material by tipper to site, laying in uniform layers with paver in sub- base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specification. MORTH Specification NO.406 KSRR Pa No.158 20.18 Only for Pipe portion trench Profile 1 (Nellikai Road) MH 2210 to MH2209 Cum 1 323.62 1.4 0.25 1:								
11 material by tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specification. MORTH Specification NO.406 KSRR Pa No.158 20.18 Only for Pipe portion trench Profile 1 (Nellikai Road) MH 2210 to MH2209 Cum 1 323.62 1.4 0.25 1:								
base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specification. MORTH Specification NO.406 KSRR Pa No. 158 20 18 Only for Pipe portion trench Profile 1 (Nellikai Road) MH 2210 to MH2209 Cum 1 323.62 1.4 0.25 1:	11							
vibratory roller to achieve the desired density complete as per specification. MORTH Specification NO.406 KSRR Pa No.158 20.18 Only for Pipe portion trench Profile 1 (Nellikai Road) MH 2210 to MH2209 Cum 1 323.62 1.4 0.25 1:								
Specification. MORTH Specification NO.406								
Only for Pipe portion trench Profile 1 (Nellikai Road) MH 2210 to MH2209 Cum 1 323.62 1.4 0.25 1:								
Profile 1 (Nellikai Road) Cum 1 323.62 1.4 0.25 1								
MH 2210 to MH2209 Cum 1 323.62 1.4 0.25 1:								
==== 1			Cum	1	323.62	1 4	ი 25	113.27
<u>, , , , , , , , , , , , , , , , , , , </u>			Culli		J2J.U2	1.7	0.23	113.27
MH 1271 to MH 2235 Cum 1 0 1.4 0.25			Cum	1	0	1.4	0.25	0.00

SI.No.	Description of Work	Unit	No	L	В	D	Qty
	Profile 3 (Mission Street Road)	6	4	246.2	4.4	0.25	06.47
	MH 1202 to MH 941 Profile 4(Market,Bibi Alabi and Kandak)	Cum	1	246.2	1.4	0.25	86.17
	MH 1260 to MH 2087	Cum	1	779.9	1.4	0.25	272.97
	Profile 5 (Maidan Cross Road)						
	MH 1011 to MH 2046	Cum	1	104.4	1.4	0.25	36.54
	Profile 6 (Central Market Road) MH 2058 to MH 1261	Cum	1	107.9	1.4	0.25	37.77
	Profile 7 (Maidan 3rd Cross Road)	Cuiii	1	107.9	1.4	0.23	37.77
	MH 2062 to MH 2069	Cum	1	148.5	1.4	0.25	51.98
	Profile 8 (Nellikai Road)						
	MH 2074 to MH 2072	Cum	1	130.3	1.4	0.25	45.61
	Profile 9 (Jewellery lane Road)	Cum	1	188	1.4	0.25	65.80
	MH 1251 to MH 2453 Profile 10	Cum	1	100	1.4	0.23	03.80
	MH 308 to MH 1943	Cum	1	100.4	1.4	0.25	35.14
	Profile 11						
	MH 147 to MH 1970	Cum	1	30	1.4	0.25	10.50
	Profile 12	Curre	1	20 C	1.4	0.25	10.71
	MH 273 to MH 1978 Profile 13 (Jewellery lane Road)	Cum	1	30.6	1.4	0.25	10.71
	MH 1990 to MH 2028	Cum	1	160.5	1.4	0.25	56.18
	Profile 14(Bhavanthi Street Road)					0.110	
	MH 894 to MH 895	Cum	1	0	1.4	0.25	0.00
	Profile 15 (Central Market Road)						
	MH 896 to MH 859	Cum	1	181.5	1.4	0.25	63.53
	Profile 16 (Maidan 1st Cross Road) MH 764 to MH 765	Cum	1	70.2	1.4	0.25	24.57
	Profile 17 (Central Market Road)	Cum		70.2	1.4	0.23	24.57
	MH 1959 to MH 859	Cum	1	126.1	1.4	0.25	44.14
	Profile 18 (Gouri Mutt Street)						
	MH 1135 to MH 2007	Cum	1	204.1	1.4	0.25	71.44
	Profile 19 (Gouri Mutt Road) MH 78 to MH 1999	Cum	1	20.3	1.4	0.25	7.11
	Profile 20(Gouri Mutt Road)	Cuiii	1	20.3	1.4	0.23	7.11
	MH 570 to MH 2003	Cum	1	51.1	1.4	0.25	17.89
	Profile 21(Gouri Mutt Road)						
	MH 168 to MH 2006	Cum	1	28.1	1.4	0.25	9.84
	Profile 22 (Bhavanthi Street Road)	Curre	1	0	1.4	0.25	0.00
	MH 136 to MH 2009 Profile 23	Cum	1	0	1.4	0.25	0.00
	MH 742 to MH 743	Cum	1	67.2	1.4	0.25	23.52
	Profile 24		_			0.10	
	MH 271 to MH 2012	Cum	1	28.6	1.4	0.25	10.01
	Profile 25 (MPT Road)						
	MH 993 to MH 1053	Cum	1	216.84	1.4	0.25	75.89
	Profile 26 (MPT Cross Road) MH 762 to MH 2138	Cum	1	93.12	1.4	0.25	32.59
	Profile 27 (MPT Cross Road)	Cum	-	33.12	1.4	0.23	32.33
	MH 982 TO MH 2398	Cum	1	399.1	1.4	0.25	139.69
	Profile 28 (Jodumutt Road)						
	MH 786 TO MH 787	Cum	1	72.4	1.4	0.25	25.34
	Profile 29 (Bhavanthi Street Road)	Cum	1	0	1.4	0.25	0.00
	MH 894 TO MH 895 Profile 30 (Cross Road)	Cum	1	U	1.4	0.25	0.00
	MH 678 TO MH 695	Cum	1	70.2	1.4	0.25	24.57
	Profile 31 (Raghavendra and Mukyaprana Temple Road)						
	MH 2020 to MH 1090	Cum	1	0	1.4	0.25	0.00
	Profile 32 (Raghavendra Mutt Cross Road)	1	4	404=		2.22	22.55
	MH 967 to MH 2157 Profile 22 (Nellikai Cross Boad)	Cum	1	184.7	1.4	0.25	64.65
	Profile 33 (Nellikai Cross Road) MH 940 to MH 2221	Cum	1	94.6	1.4	0.25	33.11
	Profile 34 (Raghavendra Mutt Road)		-	30	±.,	5.25	55.11
	MH 766 to MH 767	Cum	1	62.8	1.4	0.25	21.98
	Profile 35 (Cross Road)						-
	MH 2159 to MH 364	Cum	1	14.4	1.4	0.25	5.04
	Profile 36 (Mukyaprana Temple Road)			<u> </u>			

SI.No.	Description of Work	Unit	No	L	В	D	Qty
	MH 2167 to MH 2164	Cum	1	26.8	1.4	0.25	9.38
	Profile 37 (MPT Cross Road)						
	MH 2399 to MH 2405	Cum	1	119.8	1.4	0.25	41.93
	Only for Manhole portion						
	Profile 1 (Nellikai Road)						
	MH 2210 to MH2209	Cum	13	2	2	0.25	13.00
	Profile 2 (Bunder Road)						
	MH 1271 to MH 2235	Cum	0	2	2	0.25	0.00
	Profile 3 (Mission Street Road)						
	MH 1202 to MH 941	Cum	8	2	2	0.25	8.00
	Profile 4(Market,Bibi Alabi and Kandak)						
	MH 1260 to MH 2087	Cum	31	2	2	0.25	31.00
	Profile 5 (Maidan Cross Road)						
	MH 1011 to MH 2046	Cum	5	1.7	1.7	0.25	3.61
	Profile 6 (Central Market Road)						
	MH 2058 to MH 1261	Cum	6	1.7	1.7	0.25	4.34
	Profile 7 (Maidan 3rd Cross Road)						
	MH 2062 to MH 2069	Cum	5	1.7	1.7	0.25	3.61
	Profile 8 (Nellikai Road)						
	MH 2074 to MH 2072	Cum	5	2	2	0.25	5.00
	Profile 9 (Jewellery lane Road)						
	MH 1251 to MH 2453	Cum	8	2	2	0.25	8.00
	Profile 10						
	MH 308 to MH 1943	Cum	5	2	2	0.25	5.00
	Profile 11						
	MH 147 to MH 1970	Cum	1	1.7	1.7	0.25	0.72
	Profile 12						
	MH 273 to MH 1978	Cum	1	1.7	1.7	0.25	0.72
	Profile 13 (Jewellery lane Road)						
	MH 1990 to MH 2028	Cum	7	1.7	1.7	0.25	5.06
	Profile 14(Bhavanthi Street Road)						
	MH 894 to MH 895	Cum	0	1.7	1.7	0.25	0.00
	Profile 15 (Central Market Road)						
	MH 896 to MH 859	Cum	9	2	2	0.25	9.00
	Profile 16 (Maidan 1st Cross Road)						
	MH 764 to MH 765	Cum	3	1.7	1.7	0.25	2.17
	Profile 17 (Central Market Road)						
	MH 1959 to MH 859	Cum	4	1.7	1.7	0.25	2.89
	Profile 18 (Gouri Mutt Street)						
	MH 1135 to MH 2007	Cum	8	2	2	0.25	8.00
	Profile 19 (Gouri Mutt Road)						
	MH 78 to MH 1999	Cum	1	1.7	1.7	0.25	0.72
	Profile 20(Gouri Mutt Road)						
	MH 570 to MH 2003	Cum	2	2	2	0.25	2.00
	Profile 21(Gouri Mutt Road)						
	MH 168 to MH 2006	Cum	1	1.7	1.7	0.25	0.72
	Profile 22 (Bhavanthi Street Road)						

SI.No.	Description of Work	Unit	No	L	В	D	Qty
	MH 136 to MH 2009	Cum	0	1.7	1.7	0.25	0.00
	Profile 23	C	2	4.7	4.7	0.25	2.47
	MH 742 to MH 743	Cum	3	1.7	1.7	0.25	2.17
	Profile 24 MH 271 to MH 2012	Cum	1	1.7	1.7	0.25	0.72
	Profile 25 (MPT Road)	Cum	-	1.7	1.,	0.23	0.72
	MH 993 to MH 1053	Cum	6	2.3	2.3	0.25	7.94
	MH 993 to MH 1053	Cum	3	2.3	2.3	0.25	3.97
	Profile 26 (MPT Cross Road)						
	MH 762 to MH 2138	Cum	5	2	2	0.25	5.00
	Profile 27 (MPT Cross Road) MH 982 TO MH 2398	Cum	12	2	2	0.25	12.00
	MH 982 TO MH 2398	Cum	2	2	2	0.25	2.00
	Profile 28 (Jodumutt Road)					0.25	2.00
	MH 786 TO MH 787	Cum	3	1.7	1.7	0.25	2.17
	Profile 29 (Bhavanthi Street Road)						
	MH 894 TO MH 895	Cum	0	1.7	1.7	0.25	0.00
	Profile 30 (Cross Road)	C		2		0.25	4.00
	MH 678 TO MH 695 Profile 31 (Raghavendra and Mukyaprana Temple Road)	Cum	4	2	2	0.25	4.00
	MH 2020 to MH 1090	Cum	0	2.3	2.3	0.25	0.00
	Profile 32 (Raghavendra Mutt Cross Road)	Cuiii		2.3	2.5	0.23	0.00
	MH 967 to MH 2157	Cum	7	1.7	1.7	0.25	5.06
	Profile 33 (Nellikai Cross Road)						
	MH 940 to MH 2221	Cum	5	1.7	1.7	0.25	3.61
	Profile 34 (Raghavendra Mutt Road)	_	_				
	MH 766 to MH 767	Cum	3	2	2	0.25	3.00
	Profile 35 (Cross Road) MH 2159 to MH 364	Cum	1	1.7	1.7	0.25	0.72
	Profile 36 (Mukyaprana Temple Road)	Cuiii		1.7	1.7	0.23	0.72
	MH 2167 to MH 2164	Cum	1	1.7	1.7	0.25	0.72
	Profile 37 (MPT Cross Road)						
	MH 2399 to MH 2405	Cum	5	2	2	0.25	5.00
	For House Hold Connection	Cum	900.00	6.00	1.00	0.25	1350.00
				Area (Pi*r*r)		
	Ded Manhole cover-0.45m	Cum	-55.00	0.159		0.25	-2.19
	Ded Manhole cover - 0.60m	Cum	-120.00	0.283		0.25	-8.48
	Ded Manhole cover - 0.75m	Cum	-9.00	0.442		0.25	-0.99
							2070 70
		Cum				Total	3078.78
	KSRRB M500-6. Providing and applying primer coat with S.S. bitumen						
	emulsion on prepared surface of granular base such as WMM						
40	including cleaning of road surface and spraying primer at the rate of						
12	$0.60\ kg$ / sqm using mechanical means complete as per specifications.						
	MORTH Specification No. 502						
	KSRB Pg No.161,SI No:21.6						
	Only for Pipe portion trench Profile 1 (Nellikai Road)						
	MH 2210 to MH2209	Sqm	1	323.62	1.4		453.07
	Profile 2 (Bunder Road)	Jqiii	_	323.02	1.4		433.07
	MH 1271 to MH 2235	Sqm	1	0	1.4		0.00
	Profile 3 (Mission Street Road)						
	MH 1202 to MH 941	Sqm	1	246.2	1.4		344.68
	Profile 4(Market,Bibi Alabi and Kandak)	<u> </u>					
	MH 1260 to MH 2087 Profile 5 (Maiden Cross Boad)	Sqm	1	779.9	1.4		1091.86
	Profile 5 (Maidan Cross Road) MH 1011 to MH 2046	Sqm	1	104.4	1.4		146.16
	Profile 6 (Central Market Road)	JyIII	-	104.4	1.4		140.10
	MH 2058 to MH 1261	Sqm	1	107.9	1.4		151.06
	Profile 7 (Maidan 3rd Cross Road)	- 4	<u> </u>				22.30
	MH 2062 to MH 2069	Sqm	1	148.5	1.4		207.90
	Profile 8 (Nellikai Road)				-		
	MH 2074 to MH 2072	Sqm	1	130.3	1.4		182.42
	Profile 9 (Jewellery lane Road)		<u> </u>				

SI.No.	Description of Work	Unit	No	L	В	D	Qty
	MH 1251 to MH 2453	Sqm	1	188	1.4		263.20
	Profile 10	6	4	100.1	1.1		440.56
	MH 308 to MH 1943 Profile 11	Sqm	1	100.4	1.4		140.56
	MH 147 to MH 1970	Sqm	1	30	1.4		42.00
	Profile 12	34		- 55			12.00
	MH 273 to MH 1978	Sqm	1	30.6	1.4		42.84
	Profile 13 (Jewellery lane Road)						
	MH 1990 to MH 2028	Sqm	1	160.5	1.4		224.70
	Profile 14(Bhavanthi Street Road) MH 894 to MH 895	Sqm	1	0	1.4		0.00
	Profile 15 (Central Market Road)	Jqiii		0	1.4		0.00
	MH 896 to MH 859	Sqm	1	181.5	1.4		254.10
	Profile 16 (Maidan 1st Cross Road)						
	MH 764 to MH 765	Sqm	1	70.2	1.4		98.28
	Profile 17 (Central Market Road)						
	MH 1959 to MH 859 Profile 18 (Gouri Mutt Street)	Sqm	1	126.1	1.4		176.54
	Profile 18 (Gouri Mutt Street) MH 1135 to MH 2007	Sqm	1	204.1	1.4		285.74
	Profile 19 (Gouri Mutt Road)	Sqiii		204.1	1.4		203.74
	MH 78 to MH 1999	Sqm	1	20.3	1.4		28.42
	Profile 20(Gouri Mutt Road)						
	MH 570 to MH 2003	Sqm	1	51.1	1.4		71.54
	Profile 21(Gouri Mutt Road)						
	MH 168 to MH 2006	Sqm	1	28.1	1.4		39.34
	Profile 22 (Bhavanthi Street Road) MH 136 to MH 2009	Sqm	1	0	1.4		0.00
	Profile 23	Jqiii	1	U	1.4		0.00
	MH 742 to MH 743	Sqm	1	67.2	1.4		94.08
	Profile 24						
	MH 271 to MH 2012	Sqm	1	28.6	1.4		40.04
	Profile 25 (MPT Road)						
	MH 993 to MH 1053	Sqm	1	216.84	1.4		303.58
	Profile 26 (MPT Cross Road) MH 762 to MH 2138	Sqm	1	93.12	1.4		130.37
	Profile 27 (MPT Cross Road)	Jqiii	1	93.12	1.4		130.37
	MH 982 TO MH 2398	Sqm	1	399.1	1.4		558.74
	Profile 28 (Jodumutt Road)						
	MH 786 TO MH 787	Sqm	1	72.4	1.4		101.36
	Profile 29 (Bhavanthi Street Road)						
	MH 894 TO MH 895	Sqm	1	0	1.4		0.00
	Profile 30 (Cross Road) MH 678 TO MH 695	Sqm	1	70.2	1.4		98.28
	Profile 31 (Raghavendra and Mukyaprana Temple Road)	Jqiii	1	70.2	1.4		30.20
	MH 2020 to MH 1090	Sqm	1	0	1.4		0.00
	Profile 32 (Raghavendra Mutt Cross Road)						
	MH 967 to MH 2157	Sqm	1	184.7	1.4		258.58
	Profile 33 (Nellikai Cross Road)						
	MH 940 to MH 2221 Profile 34 (Raghavendra Mutt Road)	Sqm	1	94.6	1.4		132.44
	MH 766 to MH 767	Sqm	1	62.8	1.4		87.92
	Profile 35 (Cross Road)	Sqiii		02.0	1.4		67.52
	MH 2159 to MH 364	Sqm	1	14.4	1.4		20.16
	Profile 36 (Mukyaprana Temple Road)						
	MH 2167 to MH 2164	Sqm	1	26.8	1.4		37.52
	Profile 37 (MPT Cross Road)						
	MH 2399 to MH 2405	Sqm	1	119.8	1.4		167.72
	Only for Manhole portion			-			
	Profile 1 (Nellikai Road)						
	MH 2210 to MH2209	Sqm	13	2	2		52.00
	Profile 2 (Bunder Road)						1
	MH 1271 to MH 2235	Sqm	0	2	2		0.00
-	Profile 3 (Mission Street Road)						
	MH 1202 to MH 941	Sqm	8	2	2		32.00
	Profile 4(Market,Bibi Alabi and Kandak)	- C -	34	-	2		424.00
	MH 1260 to MH 2087	Sqm	31	2	2	j	124.

SI.No.	Description of Work	Unit	No	L	В	D	Qty
	Profile 5 (Maidan Cross Road)						
	MH 1011 to MH 2046	Sqm	5	1.7	1.7		14.45
	Profile 6 (Central Market Road) MH 2058 to MH 1261	Sqm	6	1.7	1.7		17.34
	Profile 7 (Maidan 3rd Cross Road)	Jqiii	0	1.7	1.7		17.54
	MH 2062 to MH 2069	Sqm	5	1.7	1.7		14.45
	Profile 8 (Nellikai Road)						
	MH 2074 to MH 2072	Sqm	5	2	2		20.00
	Profile 9 (Jewellery lane Road)		-				22.00
	MH 1251 to MH 2453 Profile 10	Sqm	8	2	2		32.00
	MH 308 to MH 1943	Sqm	5	2	2		20.00
	Profile 11	54		_			20.00
	MH 147 to MH 1970	Sqm	1	1.7	1.7		2.89
	Profile 12						
	MH 273 to MH 1978	Sqm	1	1.7	1.7		2.89
	Profile 13 (Jewellery lane Road)			4.7	4.7		20.22
	MH 1990 to MH 2028 Profile 14(Bhavanthi Street Road)	Sqm	7	1.7	1.7		20.23
	MH 894 to MH 895	Sqm	0	1.7	1.7		0.00
	Profile 15 (Central Market Road)	Jqiii	Ü	1.7	1.7		0.00
	MH 896 to MH 859	Sqm	9	2	2		36.00
	Profile 16 (Maidan 1st Cross Road)						
	MH 764 to MH 765	Sqm	3	1.7	1.7		8.67
	Profile 17 (Central Market Road)						
	MH 1959 to MH 859	Sqm	4	1.7	1.7		11.56
	Profile 18 (Gouri Mutt Street) MH 1135 to MH 2007	Sqm	8	2	2		32.00
	Profile 19 (Gouri Mutt Road)	Jqiii					32.00
	MH 78 to MH 1999	Sqm	1	1.7	1.7		2.89
	Profile 20(Gouri Mutt Road)						
	MH 570 to MH 2003	Sqm	2	2	2		8.00
	Profile 21(Gouri Mutt Road)						
	MH 168 to MH 2006	Sqm	1	1.7	1.7		2.89
	Profile 22 (Bhavanthi Street Road) MH 136 to MH 2009	Sam	0	1.7	1.7		0.00
	Profile 23	Sqm	U	1.7	1.7		0.00
	MH 742 to MH 743	Sqm	3	1.7	1.7		8.67
	Profile 24						
	MH 271 to MH 2012	Sqm	1	1.7	1.7		2.89
	Profile 25 (MPT Road)						
	MH 993 to MH 1053	Sqm	6	2.3	2.3		31.74
	MH 993 to MH 1053 Profile 26 (MPT Cross Road)	Sqm	3	2.3	2.3		15.87
	MH 762 to MH 2138	Sqm	5	2	2		20.00
	Profile 27 (MPT Cross Road)	Jqiii					20.00
	MH 982 TO MH 2398	Sqm	12	2	2		48.00
	MH 982 TO MH 2398	Sqm	2	2	2		8.00
	Profile 28 (Jodumutt Road)						
	MH 786 TO MH 787	Sqm	3	1.7	1.7	1	8.67
	Profile 29 (Bhavanthi Street Road)			4 -	4 7	-	2.22
	MH 894 TO MH 895 Profile 30 (Cross Road)	Sqm	0	1.7	1.7	-	0.00
	MH 678 TO MH 695	Sqm	4	2	2	1	16.00
	Profile 31 (Raghavendra and Mukyaprana Temple Road)	Jqiii					10.00
	MH 2020 to MH 1090	Sqm	0	2.3	2.3		0.00
	Profile 32 (Raghavendra Mutt Cross Road)						
	MH 967 to MH 2157	Sqm	7	1.7	1.7		20.23
	Profile 33 (Nellikai Cross Road)	1_				1	
	MH 940 to MH 2221	Sqm	5	1.7	1.7	-	14.45
	Profile 34 (Raghavendra Mutt Road) MH 766 to MH 767	Cam	2	2	า	-	12.00
	Profile 35 (Cross Road)	Sqm	3	2	2		12.00
	MH 2159 to MH 364	Sqm	1	1.7	1.7		2.89
	Profile 36 (Mukyaprana Temple Road)	24					2.03
	MH 2167 to MH 2164	Sqm	1	1.7	1.7		2.89
	Profile 37 (MPT Cross Road)						

SI.No.	Description of Work	Unit	No	L	В	D	Qty
	MH 2399 to MH 2405	Sqm	5	2	2		20.00
	For House Hold Connection	Sqm	900.00	6.00	1.00		5400.00
	Tor House Hold Connection	- Jq	300.00	0.00	2.00		3 100.00
					Pi*r*r)		
	Ded Manhole cover-0.45m	Sqm	-55		159		-8.74
	Ded Manhole cover - 0.60m Ded Manhole cover - 0.75m	Sqm Sqm	-120 -9		283 442	-	-33.91 -3.97
	Dea Walliole Cover - 0.75m	Jqiii	-5	0.			-3.57
		Sqm				Total	12315.12
	KSRRB 500-30.Providing and laying 20mm thick mix seal surfacing						
	Type A on prepared surface as wearing course with specified graded crushed aggregates of 5.6mm and 11.2mm size 0.027um/sqm						
	premixed with bituminous binder at 2.20 kg/sqm,in hotmix plant						
	40/60 tonne, trnsporting the mixed materials in tipper and laying with						
13	mechanical paver finisher to required level and grade,rolling with						
	power roller 8-10 tonne, excluding cost of tack coat including cost of						
	all materials, labours, HOM of machineries complete as per speifications						
	MORTH clause NO.512 using VG-30 (60/70 grade)						
	KSRRB Pg No.166.Sl No. 21.36 (Revised Rate)						
	Only for Pipe portion trench						
	Profile 1 (Nellikai Road)	C	4	222.62	4.4		452.07
	MH 2210 to MH2209 Profile 2 (Bunder Road)	Sqm	1	323.62	1.4		453.07
	MH 1271 to MH 2235	Sqm	1	0	1.4		0.00
	Profile 3 (Mission Street Road)						
	MH 1202 to MH 941	Sqm	1	246.2	1.4		344.68
	Profile 4(Market,Bibi Alabi and Kandak)		4	770.0	4.4		1001.05
	MH 1260 to MH 2087 Profile 5 (Maidan Cross Road)	Sqm	1	779.9	1.4		1091.86
	MH 1011 to MH 2046	Sqm	1	104.4	1.4		146.16
	Profile 6 (Central Market Road)		_				
	MH 2058 to MH 1261	Sqm	1	107.9	1.4		151.06
	Profile 7 (Maidan 3rd Cross Road)	C	4	440.5	4.4	-	207.00
	MH 2062 to MH 2069 Profile 8 (Nellikai Road)	Sqm	1	148.5	1.4	1	207.90
	MH 2074 to MH 2072	Sqm	1	130.3	1.4		182.42
	Profile 9 (Jewellery lane Road)	·					
	MH 1251 to MH 2453	Sqm	1	188	1.4		263.20
	Profile 10	C	1	100.4	1.4		140 56
	MH 308 to MH 1943 Profile 11	Sqm	1	100.4	1.4		140.56
	MH 147 to MH 1970	Sqm	1	30	1.4		42.00
	Profile 12	'					
	MH 273 to MH 1978	Sqm	1	30.6	1.4		42.84
	Profile 13 (Jewellery lane Road)	C	1	160 5	1.4		224.70
	MH 1990 to MH 2028 Profile 14(Bhavanthi Street Road)	Sqm	1	160.5	1.4		224.70
	MH 894 to MH 895	Sqm	1	0	1.4		0.00
	Profile 15 (Central Market Road)						
	MH 896 to MH 859	Sqm	1	181.5	1.4		254.10
	Profile 16 (Maidan 1st Cross Road)	C	4	70.2	4.4		00.20
	MH 764 to MH 765 Profile 17 (Central Market Road)	Sqm	1	70.2	1.4	1	98.28
	MH 1959 to MH 859	Sqm	1	126.1	1.4		176.54
	Profile 18 (Gouri Mutt Street)	·					
	MH 1135 to MH 2007	Sqm	1	204.1	1.4		285.74
	Profile 19 (Gouri Mutt Road)	C == :	4	20.2	1.4	1	20.42
	MH 78 to MH 1999 Profile 20(Gouri Mutt Road)	Sqm	1	20.3	1.4	1	28.42
	MH 570 to MH 2003	Sqm	1	51.1	1.4		71.54
	Profile 21(Gouri Mutt Road)						
	MH 168 to MH 2006	Sqm	1	28.1	1.4		39.34
	Profile 22 (Bhavanthi Street Road)	C-			4.		2.00
	MH 136 to MH 2009	Sqm	1	0	1.4	1	0.00

SI.No.	Description of Work	Unit	No	L	В	D	Qty
	Profile 23	C		67.2	4.4		04.00
	MH 742 to MH 743 Profile 24	Sqm	1	67.2	1.4		94.08
	MH 271 to MH 2012	Sqm	1	28.6	1.4		40.04
	Profile 25 (MPT Road)						
	MH 993 to MH 1053	Sqm	1	216.84	1.4		303.58
	Profile 26 (MPT Cross Road)						
	MH 762 to MH 2138	Sqm	1	93.12	1.4		130.37
	Profile 27 (MPT Cross Road) MH 982 TO MH 2398	Sam	1	399.1	1.4		558.74
	Profile 28 (Jodumutt Road)	Sqm	1	399.1	1.4		336.74
	MH 786 TO MH 787	Sqm	1	72.4	1.4		101.36
	Profile 29 (Bhavanthi Street Road)						
	MH 894 TO MH 895	Sqm	1	0	1.4		0.00
	Profile 30 (Cross Road)						
	MH 678 TO MH 695	Sqm	1	70.2	1.4		98.28
	Profile 31 (Raghavendra and Mukyaprana Temple Road) MH 2020 to MH 1090	Sqm	1	0	1.4		0.00
	Profile 32 (Raghavendra Mutt Cross Road)	Sqiii	1	U	1.4		0.00
	MH 967 to MH 2157	Sqm	1	184.7	1.4		258.58
	Profile 33 (Nellikai Cross Road)						
	MH 940 to MH 2221	Sqm	1	94.6	1.4		132.44
	Profile 34 (Raghavendra Mutt Road)						
	MH 766 to MH 767	Sqm	1	62.8	1.4		87.92
	Profile 35 (Cross Road)	Cam	1	1.1.1	1.4		20.16
	MH 2159 to MH 364 Profile 36 (Mukyaprana Temple Road)	Sqm	1	14.4	1.4		20.16
	MH 2167 to MH 2164	Sqm	1	26.8	1.4		37.52
	Profile 37 (MPT Cross Road)						
	MH 2399 to MH 2405	Sqm	1	119.8	1.4		167.72
	Only for Manhole portion						
	Profile 1 (Nellikai Road)	C =====	12	2	2		F2.00
	MH 2210 to MH2209 Profile 2 (Bunder Road)	Sqm	13		2		52.00
	MH 1271 to MH 2235	Sqm	0	2	2		0.00
	Profile 3 (Mission Street Road)			_			
	MH 1202 to MH 941	Sqm	8	2	2		32.00
	Profile 4(Market,Bibi Alabi and Kandak)						
	MH 1260 to MH 2087	Sqm	31	2	2		124.00
	Profile 5 (Maidan Cross Road)	C =	5	1 7	17		14.45
	MH 1011 to MH 2046 Profile 6 (Central Market Road)	Sqm	5	1.7	1.7		14.45
	MH 2058 to MH 1261	Sqm	6	1.7	1.7		17.34
	Profile 7 (Maidan 3rd Cross Road)	54					27.01
	MH 2062 to MH 2069	Sqm	5	1.7	1.7		14.45
	Profile 8 (Nellikai Road)						
	MH 2074 to MH 2072	Sqm	5	2	2		20.00
	Profile 9 (Jewellery lane Road)	C		2	2		22.00
	MH 1251 to MH 2453 Profile 10	Sqm	8	2	2		32.00
	MH 308 to MH 1943	Sqm	5	2	2		20.00
	Profile 11	Jqiii		-			20.00
	MH 147 to MH 1970	Sqm	1	1.7	1.7		2.89
	Profile 12						
	MH 273 to MH 1978	Sqm	1	1.7	1.7		2.89
	Profile 13 (Jewellery lane Road)			4 -	4 -		22.2-
	MH 1990 to MH 2028	Sqm	7	1.7	1.7		20.23
	Profile 14(Bhavanthi Street Road) MH 894 to MH 895	Sqm	0	1.7	1.7	-	0.00
	Profile 15 (Central Market Road)	Jyiii	-	1./	1./		0.00
	MH 896 to MH 859	Sqm	9	2	2		36.00
	Profile 16 (Maidan 1st Cross Road)						1
	MH 764 to MH 765	Sqm	3	1.7	1.7		8.67
	Profile 17 (Central Market Road)						
	MH 1959 to MH 859	Sqm	4	1.7	1.7		11.56
	Profile 18 (Gouri Mutt Street)		<u> </u>				

SI.No.	Description of Work	Unit	No	L	В	D	Qty
	MH 1135 to MH 2007	Sqm	8	2	2		32.00
	Profile 19 (Gouri Mutt Road)						
	MH 78 to MH 1999	Sqm	1	1.7	1.7		2.89
	Profile 20(Gouri Mutt Road)						
	MH 570 to MH 2003	Sqm	2	2	2		8.00
	Profile 21(Gouri Mutt Road)						
	MH 168 to MH 2006	Sqm	1	1.7	1.7		2.89
	Profile 22 (Bhavanthi Street Road)						
	MH 136 to MH 2009	Sqm	0	1.7	1.7		0.00
	Profile 23						
	MH 742 to MH 743	Sqm	3	1.7	1.7		8.67
	Profile 24						
	MH 271 to MH 2012	Sqm	1	1.7	1.7		2.89
	Profile 25 (MPT Road)						
	MH 993 to MH 1053	Sqm	6	2.3	2.3		31.74
	MH 993 to MH 1053	Sqm	3	2.3	2.3		15.87
	Profile 26 (MPT Cross Road)						
	MH 762 to MH 2138	Sqm	5	2	2		20.00
	Profile 27 (MPT Cross Road)						
	MH 982 TO MH 2398	Sqm	12	2	2		48.00
	MH 982 TO MH 2398	Sqm	2	2	2		8.00
	Profile 28 (Jodumutt Road)						
	MH 786 TO MH 787	Sqm	3	1.7	1.7		8.67
	Profile 29 (Bhavanthi Street Road)						
	MH 894 TO MH 895	Sqm	0	1.7	1.7		0.00
	Profile 30 (Cross Road)						
	MH 678 TO MH 695	Sqm	4	2	2		16.00
	Profile 31 (Raghavendra and Mukyaprana Temple Road)						
	MH 2020 to MH 1090	Sqm	0	2.3	2.3		0.00
	Profile 32 (Raghavendra Mutt Cross Road)						
	MH 967 to MH 2157	Sqm	7	1.7	1.7		20.23
	Profile 33 (Nellikai Cross Road)						
	MH 940 to MH 2221	Sqm	5	1.7	1.7		14.45
	Profile 34 (Raghavendra Mutt Road)						
	MH 766 to MH 767	Sqm	3	2	2		12.00
	Profile 35 (Cross Road)						
	MH 2159 to MH 364	Sqm	1	1.7	1.7		2.89
	Profile 36 (Mukyaprana Temple Road)						
	MH 2167 to MH 2164	Sqm	1	1.7	1.7		2.89
	Profile 37 (MPT Cross Road)						
	MH 2399 to MH 2405	Sqm	5	2	2		20.00
	For House Hold Connection	Sqm	900.00	6.00	1.00		5400.00
					I		
	Dod Manhala sayar 0 45m	C~~~	F F		Pi*r*r)	1	0.7
	Ded Manhole cover -0.45m	Sqm	-55 120	0.159		-	-8.74
	Ded Manhole cover - 0.60m	Sqm	-120	0.283		-	-33.91
	Ded Manhole cover - 0.75m	Sqm	-9	0.442			-3.97
		Sqm				Total	12315.12
						1	

Name of the Work :- Mangalore Smart City 1.4 Rate Analysis of Underground Drainage Zone 4

RATE ANALYSIS - UnderGround Drainage Zone 4

	KSRRB 300-49. Scarifying Bituminous course 50mm	to 75 mm thick	with along wi	th premix			
	carpet/surface dressing by manual means without	disturbing the ba	ase including o	cost of all			
1	labours and stacking of the debris materials includir	g cost of all labo	our charges co	omplete as pe			
_	specifications.						
	MORTH /Chapter 3						
	KSRRB SI No.19.55,Pg No.147						
	Basic rate		57.00				
	Add 12% For area weightage (Mangalore City)		6.84				
		Rate	63.84	Sqm			
	KSRRB 300-45. Scarifying stone metal crust 50mm to	100 mm thick v	with pick axes	along with			
	premix carpet/surface dressing and stacking of old			_			
2	including cost of all labours charges complete as pe		,				
2	MORTH /Chapter 3	ор останования					
	KSRRB SI No.19.51,Pg No.147						
	Basic rate		50.00				
	Add 12% For area weightage		6.00				
	Aud 12% For area weightage						
		Doto	EC 00				
3	Earthwork excavation for pipeline trenches (Except depositing on bank with all lead including danger lig including shoring, strutting, bailing out water at ever directed in the following Strata KUWSDB SR 15-16, SI No 1, Pg No 5	hting and using	sight rails and	cading I boning rods			
3	depositing on bank with all lead including danger lig including shoring, strutting, bailing out water at ever directed in the following Strata KUWSDB SR 15-16, SI No 1, Pg No 5 do in all soils mixed mixed with boulders of 30 cms s	building work) ir hting and using : y 100 meters wh	ncluding barrionsight rails and necest	cading d boning rods ssary as			
3	depositing on bank with all lead including danger lig including shoring, strutting, bailing out water at ever directed in the following Strata KUWSDB SR 15-16, SI No 1, Pg No 5 do in all soils mixed mixed with boulders of 30 cms s D182	building work) ir hting and using : y 100 meters wh	ncluding barrionsight rails and necest	cading d boning rods ssary as			
3	depositing on bank with all lead including danger lig including shoring, strutting, bailing out water at every directed in the following Strata KUWSDB SR 15-16, SI No 1, Pg No 5 do in all soils mixed mixed with boulders of 30 cms so D182 O to 2mtr depth	building work) ir hting and using : y 100 meters wh	ncluding barrionsight rails and necessions and necessions are some size of disint the necessions are some size of distinct the necessions are so	cading d boning rods ssary as tegrated rock			
3	depositing on bank with all lead including danger lig including shoring, strutting, bailing out water at every directed in the following Strata KUWSDB SR 15-16, SI No 1, Pg No 5 do in all soils mixed mixed with boulders of 30 cms strata D182 O to 2mtr depth Basic rate	building work) ir hting and using : y 100 meters wh	ncluding barrionsight rails and nerever neccessive of disint	cading d boning rods ssary as tegrated rock			
3	depositing on bank with all lead including danger lig including shoring, strutting, bailing out water at every directed in the following Strata KUWSDB SR 15-16, SI No 1, Pg No 5 do in all soils mixed mixed with boulders of 30 cms so D182 O to 2mtr depth	building work) ir hting and using a y 100 meters wh	ncluding barrionsight rails and nerever neccessites lusive of disint the second	cading d boning rods ssary as tegrated rock			
3	depositing on bank with all lead including danger lig including shoring, strutting, bailing out water at every directed in the following Strata KUWSDB SR 15-16, SI No 1, Pg No 5 do in all soils mixed mixed with boulders of 30 cms strata D182 O to 2mtr depth Basic rate Add 12% For area weightage	building work) in hting and using a y 100 meters wh size upto an excl	ncluding barrionsight rails and serever neccessitusive of disintensity of the series o	cading d boning rods ssary as tegrated rock			
3	depositing on bank with all lead including danger lig including shoring, strutting, bailing out water at every directed in the following Strata KUWSDB SR 15-16, SI No 1, Pg No 5 do in all soils mixed mixed with boulders of 30 cms strata D182 O to 2mtr depth Basic rate Add 12% For area weightage Earthwork excavation for pipeline trenches (Except	building work) in hting and using a 100 meters when size upto an exclesize upto an exclesize work) in the building work	ncluding barrionsight rails and nerever neccessions and the necessions are recessions as a second se	cading d boning rods ssary as tegrated rock Cum cading			
	depositing on bank with all lead including danger lig including shoring, strutting, bailing out water at every directed in the following Strata KUWSDB SR 15-16, SI No 1, Pg No 5 do in all soils mixed mixed with boulders of 30 cms strata D182 O to 2mtr depth Basic rate Add 12% For area weightage Earthwork excavation for pipeline trenches (Except depositing on bank with all lead including danger lig	building work) in hting and using and using a property of the size upto an exclusive upto an exclusive work and using and using and using a property of the size and	ncluding barrionsight rails and serever neccessight rails and serever neccessight 175 175 21 196.00 ncluding barrionsight rails and serever neccessight rails and seres neccessight rails and seres necessight rails and seres necessity and seres necessity and seres necessity and seres nece	cading d boning rods ssary as tegrated rock Cum cading d boning rods			
3	depositing on bank with all lead including danger lig including shoring, strutting, bailing out water at every directed in the following Strata KUWSDB SR 15-16, SI No 1, Pg No 5 do in all soils mixed mixed with boulders of 30 cms so D182 Oto 2mtr depth Basic rate Add 12% For area weightage Earthwork excavation for pipeline trenches (Except depositing on bank with all lead including danger lig including shoring, strutting, bailing out water at every	building work) in hting and using and using a property of the size upto an exclusive upto an exclusive work and using and using and using a property of the size and	ncluding barrionsight rails and serever neccessight rails and serever neccessight 175 175 21 196.00 ncluding barrionsight rails and serever neccessight rails and seres neccessight rails and seres necessight rails and seres necessity and seres necessity and seres necessity and seres nece	cading d boning rods ssary as tegrated rock Cum cading d boning rods			
	depositing on bank with all lead including danger lig including shoring, strutting, bailing out water at every directed in the following Strata KUWSDB SR 15-16, SI No 1, Pg No 5 do in all soils mixed mixed with boulders of 30 cms st D182 Oto 2mtr depth Basic rate Add 12% For area weightage Earthwork excavation for pipeline trenches (Except depositing on bank with all lead including danger lig including shoring, strutting, bailing out water at every directed in the following Strata	building work) in hting and using and using a property of the size upto an exclusive upto an exclusive work and using and using and using a property of the size and	ncluding barrionsight rails and serever neccessight rails and serever neccessight 175 175 21 196.00 ncluding barrionsight rails and serever neccessight rails and seres neccessight rails and seres necessight rails and seres necessity and seres necessity and seres necessity and seres nece	cading d boning rods ssary as tegrated rock Cum cading d boning rods			
	depositing on bank with all lead including danger lig including shoring, strutting, bailing out water at every directed in the following Strata KUWSDB SR 15-16, SI No 1, Pg No 5 do in all soils mixed mixed with boulders of 30 cms so D182 Oto 2mtr depth Basic rate Add 12% For area weightage Earthwork excavation for pipeline trenches (Except depositing on bank with all lead including danger lig including shoring, strutting, bailing out water at every	building work) in hting and using and using a property of the size upto an exclusive upto an exclusive work and using and using and using a property of the size and	ncluding barrionsight rails and serever neccessight rails and serever neccessight 175 175 21 196.00 ncluding barrionsight rails and serever neccessight rails and seres neccessight rails and seres necessight rails and seres necessity and seres necessity and seres necessity and seres nece	cading d boning rods ssary as tegrated rock Cum cading d boning rods			
	depositing on bank with all lead including danger lig including shoring, strutting, bailing out water at every directed in the following Strata KUWSDB SR 15-16, SI No 1, Pg No 5 do in all soils mixed mixed with boulders of 30 cms st D182 Oto 2mtr depth Basic rate Add 12% For area weightage Earthwork excavation for pipeline trenches (Except depositing on bank with all lead including danger lig including shoring, strutting, bailing out water at every directed in the following Strata	building work) in hting and using and using and using and using size upto an exclusive upto an exclusi	ncluding barric sight rails and herever necces lusive of disint 175 21 196.00 ncluding barric sight rails and	cading d boning rods ssary as tegrated rock Cum cading d boning rods ssary as			
	depositing on bank with all lead including danger lig including shoring, strutting, bailing out water at every directed in the following Strata KUWSDB SR 15-16, SI No 1, Pg No 5 do in all soils mixed mixed with boulders of 30 cms strata D182 O to 2mtr depth Basic rate Add 12% For area weightage Earthwork excavation for pipeline trenches (Except depositing on bank with all lead including danger lig including shoring, strutting, bailing out water at every directed in the following Strata KUWSDB SR 15-16, SI No ii, Pg No 5	building work) in hting and using a 100 meters where size upto an excluding work) in hting and using a 100 meters where where where where the size where where we have a size where we will be size and using a size where we will be size and using a size where we will be size and using a size a siz	ncluding barrionsight rails and the rever neccessions and the rever neccessions are rever neccessions and the rever neccessions of the rever neccessions are reversed as a recomplete reverse neccessions are reverse neccessions.	cading d boning rods ssary as tegrated rock Cum cading d boning rods ssary as			
	depositing on bank with all lead including danger lig including shoring, strutting, bailing out water at every directed in the following Strata KUWSDB SR 15-16, SI No 1, Pg No 5 do in all soils mixed mixed with boulders of 30 cms strata D182 Oto 2mtr depth Basic rate Add 12% For area weightage Earthwork excavation for pipeline trenches (Except depositing on bank with all lead including danger lig including shoring, strutting, bailing out water at every directed in the following Strata KUWSDB SR 15-16, SI No ii, Pg No 5 do in disintegrated rock, soft rock, soft shale and me stone, sand stone hard shale, schiest, fissured rock w 2 to 4mtr depth	building work) in hting and using a 100 meters where size upto an excluding work) in hting and using a 100 meters where where where where the size where where we have a size where we will be size and using a size where we will be size and using a size where we will be size and using a size a siz	ncluding barries sight rails and serever neccessions and serever neccessions are sight rails and serever neccessions of to blasting	cading d boning rods ssary as tegrated rock Cum cading d boning rods ssary as			
	depositing on bank with all lead including danger lig including shoring, strutting, bailing out water at every directed in the following Strata KUWSDB SR 15-16, SI No 1, Pg No 5 do in all soils mixed mixed with boulders of 30 cms strata D182 O to 2mtr depth Basic rate Add 12% For area weightage Earthwork excavation for pipeline trenches (Except depositing on bank with all lead including danger lig including shoring, strutting, bailing out water at every directed in the following Strata KUWSDB SR 15-16, SI No ii, Pg No 5 do in disintegrated rock, soft rock, soft shale and me stone, sand stone hard shale, schiest, fissured rock we 2 to 4mtr depth Basic rate	building work) in hting and using a 100 meters where size upto an excluding work) in hting and using a 100 meters where where where where the size where where we have a size where we will be size and using a size where we will be size and using a size where we will be size and using a size a siz	ncluding barric sight rails and herever neccess lusive of disint 175 21 196.00 ncluding barric sight rails and herever neccess	cading d boning rods ssary as tegrated rock Cum cading d boning rods ssary as			
	depositing on bank with all lead including danger lig including shoring, strutting, bailing out water at every directed in the following Strata KUWSDB SR 15-16, SI No 1, Pg No 5 do in all soils mixed mixed with boulders of 30 cms strata D182 Oto 2mtr depth Basic rate Add 12% For area weightage Earthwork excavation for pipeline trenches (Except depositing on bank with all lead including danger lig including shoring, strutting, bailing out water at every directed in the following Strata KUWSDB SR 15-16, SI No ii, Pg No 5 do in disintegrated rock, soft rock, soft shale and me stone, sand stone hard shale, schiest, fissured rock w 2 to 4mtr depth	building work) in hting and using a 100 meters where size upto an excluding work) in hting and using a 100 meters where where where where the size where where we have a size where we will be size and using a size where we will be size and using a size where we will be size and using a size a siz	ncluding barries sight rails and serever neccessions and serever neccessions are sight rails and serever neccessions of to blasting	cading d boning rods ssary as tegrated rock Cum cading d boning rods ssary as			

	Providing course sand bedding for the pipeline trench	es including w	atering and co	onsolidation by
	punners etc., complete with all lead and lift (In black of	•	•	onsondation by
5	KUWSDB 15-16,Pg No 17,SI No.6		ik reacties;	
	10,16,10,17,51,10.0			
	Dania sata		1616.00	
	Basic rate		1616.00	
	Add 12% For area weightage	D-4-	193.92	C
		Rate	1809.92	Cum
	Cumplying Umplasticised DVC mines confirming to IC 1	-220.2002:+	h latast amana	lmants andad
	Supplying Unplasticised PVC pipes confirming to IS 15			
	with integral sockets with ISI mark and conveying to v		-	into
	trenches,Laying true to line and level and perfect link		_	
	commissioning, including loading and unloading at both		-	•
	necessary including jointing of UPVC Pipes (with cost		0 0,	•
6	(excluding cost of specials) with jointing of approved	• •		
	including encasing the pipe alround to a depth of not	less than 15cm	ns with soft gr	avel or
	selected earth available from the excavation etc.,com	plete and givi	ng neccessary	hydraulic test
	to the required pressure as per ISS (Contractor will m	nake his own a	rrangements f	or procuring
	water for testing)			
	KUWSDB,Pg No 205 and 207,Sl No 4			
	Supply and laying of PVC- U Pipes as per IS 15328 SN	4 -Ring tite:		
	Basic Material Rate		799.00	
	Labour Rate		45	
	Add 12% For area weightage For labour		5.4	
		Rate	849.40	Rmt
	Supplying Unplasticised PVC pipes confirming to IS 15	5328:2003 witl	h latest amend	ments ended
	with integral sockets with ISI mark and conveying to v			
	trenches, Laying true to line and level and perfect linki		,	into
		ing at ioints.te	sting and	into
	, , ,	•	•	
	commissioning, including loading and unloading at both	th destinations	and cuts of p	ipes wherever
7	commissioning, including loading and unloading at both necessary including jointing of UPVC Pipes (with cost	th destinations of elastomeric	s and cuts of p c sealing rings)	ipes wherever and specials
7	commissioning, including loading and unloading at both necessary including jointing of UPVC Pipes (with cost (excluding cost of specials) with jointing of approved	th destinations of elastomeric type,with all la	s and cuts of p sealing rings) abour with all l	ipes wherever and specials ead and lift
7	commissioning, including loading and unloading at both necessary including jointing of UPVC Pipes (with cost (excluding cost of specials) with jointing of approved including encasing the pipe alround to a depth of not	th destinations of elastomeric type,with all la less than 15cm	s and cuts of p c sealing rings) bour with all l ns with soft gr	ipes wherever and specials ead and lift avel or
7	commissioning, including loading and unloading at both necessary including jointing of UPVC Pipes (with cost (excluding cost of specials) with jointing of approved including encasing the pipe alround to a depth of not selected earth available from the excavation etc., com	th destinations of elastomeric type,with all la less than 15cm plete and givi	s and cuts of p c sealing rings) abour with all l ns with soft gr ng neccessary	ipes wherever and specials ead and lift avel or hydraulic test
7	commissioning, including loading and unloading at both necessary including jointing of UPVC Pipes (with cost (excluding cost of specials) with jointing of approved including encasing the pipe alround to a depth of not selected earth available from the excavation etc., com to the required pressure as per ISS (Contractor will make the commission of the selected earth available from the excavation etc., compared to the required pressure as per ISS (Contractor will make the selected earth available from the excavation etc., compared to the required pressure as per ISS (Contractor will make the selected earth available from the excavation etc., compared to the required pressure as per ISS (Contractor will make the selected earth available from the excavation etc.)	th destinations of elastomeric type,with all la less than 15cm plete and givi	s and cuts of p c sealing rings) abour with all l ns with soft gr ng neccessary	ipes wherever and specials ead and lift avel or hydraulic test
7	commissioning, including loading and unloading at both necessary including jointing of UPVC Pipes (with cost (excluding cost of specials) with jointing of approved including encasing the pipe alround to a depth of not selected earth available from the excavation etc., com to the required pressure as per ISS (Contractor will matter for testing)	th destinations of elastomeric type,with all la less than 15cm plete and givi	s and cuts of p c sealing rings) abour with all l ns with soft gr ng neccessary	ipes wherever and specials ead and lift avel or hydraulic test
7	commissioning, including loading and unloading at both necessary including jointing of UPVC Pipes (with cost (excluding cost of specials) with jointing of approved including encasing the pipe alround to a depth of not selected earth available from the excavation etc., com to the required pressure as per ISS (Contractor will matter for testing) KUWSDB,Pg No 207 and 207,Sl No b1	th destinations of elastomeric type,with all la less than 15cm plete and givi nake his own a	s and cuts of p sealing rings) abour with all l ns with soft gr ng neccessary rrangements f	ipes wherever and specials ead and lift avel or hydraulic test
7	commissioning,including loading and unloading at both necessary including jointing of UPVC Pipes (with cost (excluding cost of specials) with jointing of approved including encasing the pipe alround to a depth of not selected earth available from the excavation etc.,com to the required pressure as per ISS (Contractor will mwater for testing) KUWSDB,Pg No 207 and 207,Sl No b1 Supply and laying of PVC- U Pipes as per IS 15328 SN 8	th destinations of elastomeric type,with all la less than 15cm plete and givi nake his own a	s and cuts of p sealing rings) abour with all l ns with soft gr ng neccessary rrangements f	ipes wherever and specials ead and lift avel or hydraulic test
7	commissioning, including loading and unloading at both necessary including jointing of UPVC Pipes (with cost (excluding cost of specials) with jointing of approved including encasing the pipe alround to a depth of not selected earth available from the excavation etc., com to the required pressure as per ISS (Contractor will matter for testing) KUWSDB,Pg No 207 and 207,Sl No b1	th destinations of elastomeric type,with all la less than 15cm plete and givi nake his own a	s and cuts of p sealing rings) abour with all l ns with soft gr ng neccessary rrangements f	ipes wherever and specials ead and lift avel or hydraulic test
7	commissioning,including loading and unloading at both necessary including jointing of UPVC Pipes (with cost (excluding cost of specials) with jointing of approved including encasing the pipe alround to a depth of not selected earth available from the excavation etc.,com to the required pressure as per ISS (Contractor will mwater for testing) KUWSDB,Pg No 207 and 207,Sl No b1 Supply and laying of PVC- U Pipes as per IS 15328 SN 8	th destinations of elastomeric type,with all la less than 15cm plete and givi nake his own a	s and cuts of p sealing rings) abour with all l ns with soft gr ng neccessary rrangements f	ipes wherever and specials ead and lift avel or hydraulic test
7	commissioning,including loading and unloading at both necessary including jointing of UPVC Pipes (with cost (excluding cost of specials) with jointing of approved including encasing the pipe alround to a depth of not selected earth available from the excavation etc.,com to the required pressure as per ISS (Contractor will mwater for testing) KUWSDB,Pg No 207 and 207,Sl No b1 Supply and laying of PVC- U Pipes as per IS 15328 SN 8 Basic rate Material Rate	th destinations of elastomeric type,with all la less than 15cm plete and givi nake his own a	s and cuts of p sealing rings) abour with all I ns with soft gr ng neccessary rrangements f	ipes wherever and specials ead and lift avel or hydraulic test

	Construction of RCC Manhole chambers of 1:1.5:3 pro	oportion using	form vibrator	s of standard				
	type with barricading, danger lighting and using of sig		•					
	necessary, shoring, structting wherever required using			_				
	proportion RCC with 20mm and down graded jelly, we quality 200mm thick top concrete slab having wall thi	_		• •				
	drawing, benching concrete with 1:6 slope towards the central drain finished smooth, including							
	fixing and grouting of pipes, including conveying to wo							
	cover and frame(Heavy Duty) conforming to IS: 1259		_					
8	1:2:4 supplying and fixing of minimum mm thick enca	apsulated MS S	Square footste	psStaggered at				
	300mm apart as detailed in Technical specifications including sand bedding wherever required							
	disposal of surplus earth, watering, curing, engraving, m							
	inner cylindrical surface etc,Complete including cost c							
	charges and also cost and conveyance of all the mate							
	diameters and depth noted below: as per specificatio inclusive of earth work excavation in all type of soil.	ns,drawing and	a as airectea i	by the Engineer				
	Non SOR Item (Rate Analysis Attached)							
	Non 301 Item (Nate Analysis Attached)							
а	0.9 Meter Dia Manhole							
	Basic rate		26050.8973					
		Rate	26050.90	Nos				
b	1.2 Meter Dia Manhole	<u> </u>	38384.551					
	Basic rate	Rate	38384.551 38384.55	Nos				
С	1.5 meter Dia Manhole	Nate	36364.33	1403				
	Basic rate		67928.8963					
		Rate	67928.90	Nos				
	Refilling Pipeline Trenches and foundation with select							
9	and foundation including watering, consolidation in la	yers of 15cms.	thick includin	g disposing off				
	the surplus earth with all lead and lift.							
	KUWSDB Pg No 15,Sl No 2	ı	50.00					
	Basic Rate Add 12% For Area weightage		59.00 7.08					
	Add 12/01 of Area weightage	Rate	66.08	Cum				
		nate	00.00					
	Carting of excavated earth of all types upto adistance	mentioned be	low and re-ca	rting back to				
	the same site by vehicle including loading,unloading c	harges for to a	and fro,with al	l lifts and				
10	labour,HOM of machinary etc,complete after obtainir	ng the approva	l of the Chief	Engineer.				
10	e) 4.0 to 5.0 Km							
	KUWSDB Pg No.15,Sl No.3							
	Basic Rate		282.00					
	add 12% For Area weightage		33.84					
	add 12% For Area weightage	Rate	33.84 315.84	Cum				
			282.00					

	T										
	KSRRB M400-6.2. Constriction of Granular Sub-base k		_								
	aggregates of granite /trap/basalt material spreading	•		•							
	prepared surface, mixing by mix in place method by r		•	_							
11	vibratory power roller to achieve the desired density,	complete as p	per specification	ons.							
11	B. By mix in place Method										
	For grading II material										
	KSRB Pg No.155,20.5.2										
	Basic Rate		1408								
	Add 12% For Area weightage		168.96								
		Rate	1576.96	Cum							
	KSRRB M400-Wet Mix macadam KSRRB M400-17. Pro	oviding, laying,	spreading an	d compacting							
	cushed stone aggregates of granite/trap/ basalt to we										
	mixing the material with water at OMC in Mechanical		=								
12	tipper to site, laying in uniform layers with paver in su	•	•	•							
12	surface and compacting with vibratory roller to achie			•							
	specification. MORTH Specification NO.406										
	KSRB Pg No 158,20.18										
		Ι	1669	I							
	Basic Rate 1668 Add 12% For Area weightage 200.16										
	Add 12/01 Of Area Weightage	Rate	1868.16								
		Nate	1000.10	Cum							
	KSRRB M500-6. Providing and applying primer coat w	ith S.S. hitume	l en emulsion or	l nrenared							
	surface of granular base such as WMM including clea			-							
13	the rate of 0.60 kg / sqm using mechanical means cor	_	•								
13	Specification No. 502	inpiete as per s	specifications.	WOKITI							
	KSRB Pg No.161,SI No:21.6										
	Basic Rate	I	20.00	I							
			26.00								
	Add 12% For Area weightage	Data	3.12 29.12								
	VCDDD EOO 20 Droviding and loving 20mm thirty raises	Rate									
	KSRRB 500-30. Providing and laying 20mm thick mix so	_									
	wearing course with specified graded crushed aggreg										
	0.027um/sqm premixed with bituminous binder at 2	- · ·	•								
14	tonne, trnsporting the mixed materials in tipper and la										
	required level and grade, rolling with power roller 8-10		_								
	including cost of all materials, labours, HOM of machin	ieries complet	e as per speifi	cations							
	MORTH clause NO.512 using VG-30 (60/70 grade)										
	KSRRB Pg No.166,Sl No. 21.36 (Revised Rate) Basic Rate	Ι	125.00	Ι							
	Add 12% For Area weightage		135.00								
	Auu 12/0 FUI Alea Weigillage	Rate	16.20								
			151.20	Cam							

Manglore Smart City: Maidan Road 1.5 Rate Analysis for RCC Circular Manhole chamber (1.2m Dia)

PCC =0.15m,Raft=0.3m,Wall=0.2m,Cover slab=0.2m

	Description	Unit	Qty	Basic Rate/Unit	Area Weightage (12%)	Final Rate/Unit	Amount	Remarks
1	KSRB 4-1.6; Providing and laying in position plain cement concrete of mix 1:2:4 with cement @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.69 cum and fine aggregtes @ 0.459cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and cills, ncluding cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2. (P.No.12, I.No. 4.6 of PWD SR 2016-17)	Cum	0.486	5441.00	652.92	6093.92	2961.65	
2	KSRB 4.2.1 : Providing and laying in position reinforced cement concrete of Design mix M25 with OPC cement @ 340kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.70 cum and fine aggregtes @ 0.47cum, with super plasticisers @ 3 liters confirming to is 9103-1999 reafirmed-2008 at machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in foundation for footings, pedastals, retaining walls, return walls, walls (any thickness) including attached pilasters, columnspillars, posts, struts, buttresses, bed blocks, anchor blocks & plinths etc., including cost of all materials, labour, HOM of machinery, curing, complete but excluding cost of reinforcement as per specifications. Specification No. KBS 4.1, 4.6 (Pg No.13,SI No.4.10)	Cum	0.867	6221.00	746.52	6967.52	6040.84	
3	KSRB 4.2.1: Providing and laying in position reinforced cement concrete of Design mix M25 with OPC cement @ 340kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.70 cum and fine aggregtes @ 0.47cum, with super plasticisers @ 3 liters confirming to is 9103-1999 reafirmed-2008 at machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in foundation for footings, pedastals, retaining walls, return walls, walls (any thickness) including attached pilasters, columnspillars, posts, struts, buttresses, bed blocks, anchor blocks & plinths etc., including cost of all materials, labour, HOM of machinery, curing, complete but excluding cost of reinforcement as per specifications. Specification No. KBS 4.1, 4.6 (Pg No.13,SI No.4.10)	Cum	1.017	6221.00	746.52	6967.52	7088.48	
4	KSRB 4.2.7: Providing and laying in position reinforced cement concrete of design mix M25 with OPC cement @ 340kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.70cum and fine aggregtes @ 0.47cum, with superplastisiser @3lts confirming to IS9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in ground floor level for roof slabs, staircase, lintles and beams retaining walls, return walls, walls (any thickness) including attached pilasters, columns, ,pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window cills, fillets etc., including cost of all materials, labour, HOM of machinery, curing, complete but excluding cost of reinforcement as per specifications. Specification No. KBS 4.1, 4.6 KSRB;Pg No.13,SI No 4.12	Cum	0.057	6367.00	764.04	7131.04	403.05	
5	KSRB 4-6.1: Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for foundations, footings, bases of columns for mass concrete including cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2 (Pg No 15,SI No.4.28)	Cum	2.040	231.00	27.72	258.72	527.79	
6	KSRB 4-6.4: Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surface such as walls at any thickness, including attached pilasters, buttresses, plinth cills and string courses cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2 (Pg No 15,SI No.4.31)	Cum	5.087	293.00	35.16	328.16	1669.28	

1.2 mDia

Descriptions	Unit	Nos	L	В	D	Qty
PCC	Cum	1	1.8	1.8	0.15	0.486
Foundation	Cum	1	1.7	1.7	0.3	0.867
RCC Wall	Cum	1	2.826	0.2	1.8	1.017
Cover Slab	Cum	1	0.2826		0.2	0.057
Foundation and slab Shuttering Work	Sqm	2	3.4		0.3	2.04
Wall Shuttering Work	Sqm	1	2.826		1.8	5.09

	Description	Unit	Qty	Basic Rate/Unit	Area Weightage (12%)	Final Rate/Unit	Amount	Remarks
7	KSRB 4.9.2 :Providing T.M.T steel reinforcement for RCC work including straighting,cutting,bending,hooking,placing in position,lapping and/or welding wherever required,tying with binding wire and anchoring to thr adjoing members wherever necessary complete as per design (laps,hooks and wastage shall not be measured and paid) cost of materials,labour,HOM of machinary complete as per specifications.Specification No. KBS4.6.3. do with TMT bars Fe500	МТ	0.170	60607.00	7272.84	67879.84	11511.90	
8	Supply and fixing Heavy duty SFRC frame and cover confirming to IS 12592:(Part 1)-1988 and IS 12592: (Part-II)-1991 with latest amendment ,including cutting slabs to the required size for the opening and fixing the cover in CC 1:2:4 and CM 1:3 plastering 20mm thick to all exposed faces,curing for 10 days with all lead and lift etc.,complete KUWSDB Pg No 93 & 95,SI No : 22	Each	1.000	1775.00	213.00	1988.00	1988.00	
9	KSRB 12-6.1 : Providing 20mm square M.S footrest and fixing in manhole with M 10 cement concrete block of 20x20x10cms, using 20mm and down size metal of size including cost of materials, labour charges, curing complete as per specifications. Specification No. KBS 12.4.6 KSRB,Pg No 73,SI No:11.44	Each	6.00	246.00	29.52	275.52	1653.12	
10	KSRB 4-1.1: Providing and laying in position plain cement concrete of mix 1:2:4 with OPC cement @ 240kgs, with 40mm and down size graded granite metal coarse aggregates @ 0.878cum and fine aggregates @ 0.459cum machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2 KSRB-Pg No.12,SI No.4.1	Cum	0.18	5213.00	625.56	5838.56	1050.94	
	Total Cost						34895.05	
	Add barricading,danger lighting and using of sight rails and boning rods wherever necessary,shoring,strurtting @ 10%						3489.505	
	Total Cost For 1 Manhole for 1.2m Dia						38384.55	

Descriptions	Unit	Nos	L	В	D	Qty
Steel	MT	1	1.8844	90 Kg	:/cum	0.17
SFRC Manhole cover	Nos	1				1
Square Footrest	Nos	6				6
Benching Concrete	Cum	1	1	1.2	0.15	0.18

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Description	Unit	Qty	Basic Rate/Unit	Area Weightage (12%)	Final Rate/Unit	Amount	Remarks	
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Manglore Smart City: Maidan Road

1.5 Rate Analysis for RCC Circular Manhole chamber (0.9 m Dia)

PCC =0.15m,Raft=0.3m,Wall=0.2m,Cover slab=0.2m

	PCC =0.15m,kaft=0.3m,waii=0.2m,Cover slab=0.2m							
	Description	Unit	Qty	Basic Rate/Unit	Area Weightage (12%)	Rate/Unit	Amount	Remarks
1	KSRB 4-1.6; Providing and laying in position plain cement concrete of mix 1:2:4 with cement @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.69 cum and fine aggregtes @ 0.459cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and cills, ncluding cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2. (P.No.12, I.No. 4.6 of PWD SR 2016-17)	Cum	0.338	5441.00	652.92	6093.92	2056.70	
2	KSRB 4.2.1 : Providing and laying in position reinforced cement concrete of Design mix M25 with OPC cement @ 340kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.70 cum and fine aggregtes @ 0.47cum, with super plasticisers @ 3 liters confirming to is 9103-1999 reafirmed-2008 at machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in foundation for footings, pedastals, retaining walls, return walls, walls (any thickness) including attached pilasters, columnspillars, posts, struts, buttresses, bed blocks, anchor blocks & plinths etc., including cost of all materials, labour, HOM of machinery, curing, complete but excluding cost of reinforcement as per specifications. Specification No. KBS 4.1, 4.6 (Pg No.13,SI No.4.10)	Cum	0.588	6221.00	746.52	6967.52	4096.90	
3	KSRB 4.2.1: Providing and laying in position reinforced cement concrete of Design mix M25 with OPC cement @ 340kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.70 cum and fine aggregtes @ 0.47cum, with super plasticisers @ 3 liters confirming to is 9103-1999 reafirmed-2008 at machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in foundation for footings, pedastals, retaining walls, return walls, walls (any thickness) including attached pilasters, columnspillars, posts, struts, buttresses, bed blocks, anchor blocks & plinths etc., including cost of all materials, labour, HOM of machinery, curing, complete but excluding cost of reinforcement as per specifications. Specification No. KBS 4.1, 4.6 (Pg No.13,SI No.4.10)	Cum	0.636	6221.00	746.52	6967.52	4430.30	
4	KSRB 4.2.7: Providing and laying in position reinforced cement concrete of design mix M25 with OPC cement @ 340kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.70cum and fine aggregtes @ 0.47cum, with superplastisiser @ 3lts confirming to IS9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in ground floor level for roof slabs, staircase, lintles and beams retaining walls, return walls, walls (any thickness) including attached pilasters, columns, ,pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window cills, fillets etc., including cost of all materials, labour, HOM of machinery, curing, complete but excluding cost of reinforcement as per specifications. Specification No. KBS 4.1, 4.6 KSRB;Pg No.13,SI No 4.12	Cum	0.032	6367.00	764.04	7131.04	226.71	
5	KSRB 4-6.1: Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for foundations, footings, bases of columns for mass concrete including cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2 (Pg No 15,SI No.4.28)	Cum	1.680	231.00	27.72	258.72	434.65	

Descriptions	Unit	Nos	L	В	D	Qty	
	1		1				

0.9m Dia

0.9m Dia Descriptions	Unit	Nos	L	В	D	Qty
PCC	Cum	1	1.5	1.5	0.15	0.3375
Foundation	Cum	1	1.4	1.4	0.3	0.588
RCC Wall	Cum	1	2.1195	0.2	1.5	0.63585
Cover Slab	Cum	1	0.158963		0.2	0.03179
Foundation and slab Shuttering Work	Sqm	2	2.8		0.3	1.68

	Description	Unit	Qty	Basic Rate/Unit	Area Weightage (12%)	Final Rate/Unit	Amount	Remarks
6	KSRB 4-6.4: Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surface such as walls at any thickness, including attached pilasters, buttresses, plinth cills and string courses cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2 (Pg No 15,SI No.4.31)	Cum	3.179	293.00	35.16	328.16	1043.30	
7	KSRB 4.9.2 :Providing T.M.T steel reinforcement for RCC work including straighting,cutting,bending,hooking,placing in position,lapping and/or welding wherever required,tying with binding wire and anchoring to thr adjoing members wherever necessary complete as per design (laps,hooks and wastage shall not be measured and paid) cost of materials,labour,HOM of machinary complete as per specifications.Specification No. KBS4.6.3. do with TMT bars Fe500	МТ	0.110	60607.00	7272.84	67879.84	7476.73	
8	Supply and fixing Heavy duty SFRC frame and cover confirming to IS 12592:(Part 1)-1988 and IS 12592: (Part-II)-1991 with latest amendment ,including cutting slabs to the required size for the opening and fixing the cover in CC 1:2:4 and CM 1:3 plastering 20mm thick to all exposed faces,curing for 10 days with all lead and lift etc.,complete KUWSDB Pg No 93 & 95,SI No : 22	Each	1.000	1775.00	213.00	1988.00	1988.00	
9	KSRB 12-6.1 : Providing 20mm square M.S footrest and fixing in manhole with M 10 cement concrete block of 20x20x10cms, using 20mm and down size metal of size including cost of materials, labour charges, curing complete as per specifications. Specification No. KBS 12.4.6 KSRB,Pg No 73,SI No:11.44	Each	5.00	246.00	29.52	275.52	1377.60	
10	KSRB 4-1.1: Providing and laying in position plain cement concrete of mix 1:2:4 with OPC cement @ 240kgs, with 40mm and down size graded granite metal coarse aggregates @0.878cum and fine aggregates @ 0.459cum machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2 KSRB-Pg No.12,SI No.4.1	Cum	0.09	5213.00	625.56	5838.56	551.74	
	Total Cost						23682.63	
	Add barricading,danger lighting and using of sight rails and boning rods wherever necessary,shoring,strurtting @ 10%						2368.263	
	Total Cost For 1 Manhole for 0.9m Dia						26050.90	

Descriptions	Unit	Nos	L	В	D	Qty
Wall Shuttering Work	Sqm	1	2.1195		1.5	3.18
Steel	МТ	1	1.22385	90 Kg	:/cum	0.110
SFRC Manhole cover	Nos	1				1
Square Footrest	Nos	5				5
Benching Concrete	Cum	1	0.7	0.9	0.15	0.0945

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	Description	Unit	Qty	Basic Rate/Unit	Area Weightage (12%)	Final Rate/Unit	Amount	Remarks	
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escriptions Unit Nos L B D Qty

Manglore Smart City: Maidan Road 1.5 Rate Analysis for RCC Circular Manhole chamber (1.5m Dia)

	PCC =0.15m,Raft=0.3m,Wall=0.2m,Cover slab=0.2m								
	Description	Unit	Qty	Basic Rate/Unit	Area Weightage (12%)	Rate/Unit	Amount	Remarks	
1	KSRB 4-1.6; Providing and laying in position plain cement concrete of mix 1:2:4 with cement @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.69 cum and fine aggregtes @ 0.459cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and cills, ncluding cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2. (P.No.12, I.No. 4.6 of PWD SR 2016-17)	Cum	0.662	5441.00	652.92	6093.92	4031.13		
2	KSRB 4.2.1 : Providing and laying in position reinforced cement concrete of Design mix M25 with OPC cement @ 340kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.70 cum and fine aggregtes @ 0.47cum, with super plasticisers @ 3 liters confirming to is 9103-1999 reafirmed-2008 at machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in foundation for footings, pedastals, retaining walls, return walls, walls (any thickness) including attached pilasters, columnspillars, posts, struts, buttresses, bed blocks, anchor blocks & plinths etc., including cost of all materials, labour, HOM of machinery, curing, complete but excluding cost of reinforcement as per specifications. Specification No. KBS 4.1, 4.6 (Pg No.13,SI No.4.10)	Cum	1.200	6221.00	746.52	6967.52	8361.02		
3	KSRB 4.2.1: Providing and laying in position reinforced cement concrete of Design mix M25 with OPC cement @ 340kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.70 cum and fine aggregtes @ 0.47cum, with super plasticisers @ 3 liters confirming to is 9103-1999 reafirmed-2008 at machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in foundation for footings, pedastals, retaining walls, return walls, walls (any thickness) including attached pilasters, columnspillars, posts, struts, buttresses, bed blocks, anchor blocks & plinths etc., including cost of all materials, labour, HOM of machinery, curing, complete but excluding cost of reinforcement as per specifications. Specification No. KBS 4.1, 4.6 (Pg No.13,SI No.4.10)	Cum	2.314	6221.00	746.52	6967.52	16121.36		
4	KSRB 4.2.7: Providing and laying in position reinforced cement concrete of design mix M25 with OPC cement @ 340kgs, with 20mm and down size graded granite metal coarse aggregates @0.70cum and fine aggregtes @ 0.47cum, with superplastisiser @3lts confirming to IS9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in ground floor level for roof slabs, staircase, lintles and beams retaining walls, return walls, walls (any thickness) including attached pilasters, columns, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window cills, fillets etc., including cost of all materials, labour, HOM of machinery, curing, complete but excluding cost of reinforcement as per specifications. Specification No. KBS 4.1, 4.6 KSRB;Pg No.13,SI No 4.12	Cum	0.088	6367.00	764.04	7131.04	629.76		
4	KSRB 4-6.1: Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for foundations, footings, bases of columns for mass concrete including cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2 (Pg No 15,SI No.4.28)	Cum	2.400	231.00	27.72	258.72	620.93		
5	KSRB 4-6.4: Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surface such as walls at any thickness, including attached pilasters, buttresses, plinth cills and string courses cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2 (Pg No 15,SI No.4.31)	Cum	11.569	293.00	35.16	328.16	3796.46		

1 5m Dia

1.5m Dia									
Descriptions	Unit	Nos	L	В	D	Qty			
PCC	Cum	1	2.1	2.1	0.15	0.6615			
Foundation	Cum	1	2	2	0.3	1.2			
RCC Wall	Cum	1	3.5325	0.2	3.275	2.31379			
Cover Slab	Cum	1	0.441563		0.2	0.08831			
Foundation and slab Shuttering Work	Sqm	2	4		0.3	2.4			
Wall Shuttering Work	Sqm	1	3.5325		3.275	11.57			

	Description	Unit	Qty	Basic Rate/Unit	Area Weightage (12%)	Final Rate/Unit	Amount	Remarks
6	KSRB 4.9.2 :Providing T.M.T steel reinforcement for RCC work including straighting,cutting,bending,hooking,placing in position,lapping and/or welding wherever required,tying with binding wire and anchoring to thr adjoing members wherever necessary complete as per design (laps,hooks and wastage shall not be measured and paid) cost of materials,labour,HOM of machinary complete as per specifications.Specification No. KBS4.6.3. do with TMT bars Fe500 KSRB Pg No: 17,SI No:4.46.2	МТ	0.316	60607.00	7272.84	67879.84	21466.38	
7	Supply and fixing Heavy duty SFRC frame and cover confirming to IS 12592:(Part 1)-1988 and IS 12592: (Part-II)-1991 with latest amendment ,including cutting slabs to the required size for the opening and fixing the cover in CC 1:2:4 and CM 1:3 plastering 20mm thick to all exposed faces,curing for 10 days with all lead and lift etc.,complete KUWSDB Pg No 93 & 95,SI No : 22	Each	1.000	1775.00	213.00	1988.00	1988.00	
8	KSRB 12-6.1 : Providing 20mm square M.S footrest and fixing in manhole with M 10 cement concrete block of 20x20x10cms, using 20mm and down size metal of size including cost of materials, labour charges, curing complete as per specifications. Specification No. KBS 12.4.6 KSRB,Pg No 73,SI No:11.44	Each	11.00	246.00	29.52	275.52	3030.72	
9	KSRB 4-1.1: Providing and laying in position plain cement concrete of mix 1:2:4 with OPC cement @ 240kgs, with 40mm and down size graded granite metal coarse aggregates @ 0.878cum and fine aggregates @ 0.459cum machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2 KSRB-Pg No.12,SI No.4.1	Cum	0.29	5213.00	625.56	5838.56	1707.78	
	Total Cost						61753.54	
	Add barricading,danger lighting and using of sight rails and boning rods wherever necessary,shoring,strurtting @ 10%						6175.354	
	Total Cost For 1 Manhole for 1.5m Dia						67928.90	

Descriptions	Unit	Nos	L	В	D	Qty
Steel	МТ	1	3.513788	90 Kg/cum		0.316
SFRC Manhole cover	Nos	1				1
Square Footrest	Nos	11				11
Benching Concrete	Cum	1	1.3	1.5	0.15	0.2925

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