



**Roads & Buildings Department  
Government of Gujarat**

**SCHEDULE OF RATES (WITHOUT G.S.T.)**

**FOR**

**BUILDINGS, ROADS & BRIDGES  
WORKS**

**OF**

**AHMEDABAD DISTRICT**

**FOR THE YEAR : 2023-24**

**OFFICE OF THE EXECUTIVE ENGINEER  
ROADS & BUILDINGS DIVISION  
AHMEDABAD**

## INDEX

Chapter No.	Name Of Chapter	Page
<b>APPENDIX</b>	<b>STATEMENT - 1</b> (Basic Rates for Quarry Materials)	A - B
	<b>STATEMENT - 4A</b> (Carraige of Material - For Asphalt,Cement and Steel)	C
	<b>STATEMENT - 4B</b> (Carraige of Material - For Material other than Asphalt, Cement and Steel)	D
	<b>STATEMENT - 5</b> (Conveyance Charges - For Different Types Of Material)	E - F
1	<b>Basic Rates of Materials</b>	
	I) M019 to M1060 - Basic Materials	1 - 21
	II) L001 to L045 - Labour Rates	22
	III) C001 to C063 - Carriage	23 - 24
	IV) H001 to H036 - Hire Charges	25
	V) E001 to E027 - Extra	26
<b>26 (A)</b>	<b>Road Work and Culverts</b> <b>(A) For all Items Executed with Mechanised Efforts/Machinery</b>	
	(A) EARTH WORK	27 - 29
	(B) COLLECTION OF MATERIAL	29 - 30
	(C) SOLING AND SPREADING	30 - 31
	(D) ROLLING AND CONSOLIDATION	31
	(E) BITUMINIOUS COURSES	32 - 34
	(F) CONSOLIDATION OF BITUMINIOUS COURSES	34
	(G) MISCELLANEOUS ITEMS	35 - 37

## INDEX

<b>Chapter No.</b>	<b>Name Of Chapter</b>	<b>Page</b>
	(H) CULVERTS	37 - 40
	(I) RETRO REFLECTIVE SIGN BOARDS	40 - 84
	(J) NANO TECHNOLOGY	85 - 98
<b>26 (B)</b>	<b>Road Work and Culverts (B) For all Items Executed with Manual Labour</b>	<b>99 - 100</b>
<b>27</b>	<b>Bridge Work</b>	
	(A) GENERAL	101
	(B) FOUNDATION	101 - 108
	(C) SUB STRUCTURE	108 - 111
	(D) SUPER STRUCTURE	111 - 113
	(E) PRE STRESSED CONCRETE	113 - 115
	(F) FIXED ITEMS	115 - 119
<b>28</b>	<b>Standards for Cement Consumption</b>	<b>120 - 132</b>

**STATEMENT NO.1**  
**QUARRY BASE MATERIALS RATE FOR S.O.R 2023-24**

Sr no.	Description	Unit	Rate As Per SOR 2023-24 in Rs.
1	Fine Sand	Cum.	255.08
2	Coarse Sand	Cum.	279.30
3	Hand Broken Aggregate		
	(1) 90mm to 25mm size	Cum.	246.53
	(2) 63mm to 40mm size	Cum.	289.28
4	Crushed Stone Aggregate For Hard Quality		
	(1) 40mm to 63mm size	Cum.	417.53
	(2) 50mm size	Cum.	417.53
	(3) 40mm size	Cum.	454.58
	(4) 25mm size	Cum.	521.56
	(5) 20mm size	Cum.	588.53
	(6) 12mm size	Cum.	470.25
	(7) 10mm size	Cum.	380.00
	(8) 6mm size	Cum.	285.00
	(9) 10mm to 20mm size	Cum.	470.25
	(10) 6mm to 10mm size	Cum.	390.45
	(11) 53 to 26.5	Cum.	469.55
	(12) 26.5 to 4.75	Cum.	403.28
	(13) 45 to 22.4	Cum.	503.03
	(14) 22.4 to 2.36	Cum.	436.77
	(15) 40 to 25	Cum.	488.07
	(16) 25 to 12	Cum.	495.91
	(17) 12 to 10	Cum.	425.13
	(18) 12 to 6	Cum.	377.63
	(19) 37.5 to 26.5	Cum.	488.07
	(20) 26.5 to 19	Cum.	555.05
	(21) 19 to 13.2	Cum.	529.39
	(22) 13.2 to 4.75	Cum.	377.63
	(23) 13.2 to 9.5	Cum.	425.13
	(24) 9.5 to 4.75	Cum.	332.50
	(25) 2.36 to 4.75	Cum.	285.00

**STATEMENT NO.1**  
**QUARRY BASE MATERIALS RATE FOR S.O.R 2023-24**

Sr no.	Description	Unit	Rate As Per SOR 2023-24 in Rs.
5	Brick Aggregate		
	(1) 40mm size	Cum.	200.00
	(2) 20mm size	Cum.	136.61
6	Brick		
	(1) Conventional size	1000 Nos	4712.40
	(2) Modular size 20cm*10cm*10cm	1000 Nos	4936.80
7	Rubble	Cum.	210.90
8	Rubble heavy(weight not less than 40 kg)	Cum.	234.00
9	Quarry spalls	Cum.	119.70
10	White Bela Stone (size 23cm measured)	100 Nos	3000.00
11	Screened Rounded Gravel		
	(1) 10mm size	Cum.	210.00
	(2) 12mm size	Cum.	225.00
12	Murum/Binding Material	Cum.	90.00
13	Unscreened Gravel	Cum.	160.00
14	Hard Murum	Cum.	120.00
15	Stone Dust	Cum.	149.63
16	Flyash bricks conventional	1000 Nos	6375.00
17	Cement	MT	5234.00
18	TMT Bar FE 500 D	Quintal	5942.00
19	Mild Steel Bars	Quintal	4451.00
20	T.M.T. Bars Fe- 415	Quintal	5088.00

## YEAR 2023-24 STATEMENT No :4 A ( 25 M.Ton Truck)

Carrige of material over distance exceeding 0.5 Km. Including loading,unloading and stacking  
(For Asphalt, Cement & Steel)

SR. NO	LEAD IN Km.	AVG.S PEED Km/h	NO.OF TRIPS N=8/(2L/S+3)	Km. DONE =2NL+6	Litre OF DIESEL CONSUME D Av.5 km/lit	COST OF DIESEL	Litre OF OIL CONSUME D	COST OF OIL AT Rs.270 PER LITRE.	COST OF SIX MAZDOOR (MALE) EACH Rs.474.00 PER/DAY = 6x474	HIRE CHARGE OF TRUCK Rs.5500 PER/DAY	TOTAL COST OF (7+ 9+ 10+ 11)	COST PER TRIP for 2023-24	INCREASE IN COST OVER PREVIOUS K.M	increase in cost / lead in Rs.	COST PER TRIP 2021-22	% change of cost per trip w.r.t. 2021-22
						Rs.92.17PER LITRE. (Col.6 X 92.17)	1 lit per 140 km	(Col 8 X 270.00)								
						92.17	140	270.00	2844.00	5500.00						
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
1	0.50	15.00	2.61	8.61	1.72	158.72	0.06	16.61	2844.00	5500.00	8519.33	3265.74	0.00		2227.22	46.63
2	1.00	16.00	2.56	11.12	2.22	204.99	0.08	21.45	2844.00	5500.00	8570.44	3347.83	82.09		2288.73	46.27
3	1.50	16.50	2.51	13.54	2.71	249.60	0.10	26.11	2844.00	5500.00	8619.71	3428.29	80.46		2349.14	45.94
4	2.00	17.00	2.47	15.89	3.18	292.92	0.11	30.65	2844.00	5500.00	8667.57	3505.27	76.98		2407.18	45.62
5	2.50	17.25	2.43	18.16	3.63	334.76	0.13	35.02	2844.00	5500.00	8713.78	3583.38	78.11		2466.01	45.31
6	3.00	17.50	2.39	20.36	4.07	375.32	0.15	39.27	2844.00	5500.00	8758.59	3659.84	76.46		2523.69	45.02
7	3.50	17.75	2.36	22.50	4.50	414.77	0.16	43.39	2844.00	5500.00	8802.16	3734.72	74.88		2580.31	44.74
8	4.00	18.00	2.32	24.58	4.92	453.11	0.18	47.40	2844.00	5500.00	8844.51	3808.05	73.33		2635.87	44.47
9	4.50	18.25	2.29	26.61	5.32	490.53	0.19	51.32	2844.00	5500.00	8885.85	3879.95	71.90		2690.45	44.21
10	5.00	18.50	2.26	28.60	5.72	527.21	0.20	55.16	2844.00	5500.00	8926.37	3950.52	70.57		2744.15	43.96
11	6.00	19.00	12.67	158.00	31.60	2912.57	1.13	304.71	2844.00	5500.00	11561.28	912.73			689.01	32.47
12	7.00	20.00	11.43	166.00	33.20	3060.04	1.19	320.14	2844.00	5500.00	11724.18	1025.87	113.14		777.33	31.97
13	8.00	21.00	10.50	174.00	34.80	3207.52	1.24	335.57	2844.00	5500.00	11887.09	1132.10	106.23		860.95	31.49
14	9.00	22.00	9.78	182.00	36.40	3354.99	1.30	351.00	2844.00	5500.00	12049.99	1232.39	100.29		940.52	31.03
15	10.00	23.00	9.20	190.00	38.00	3502.46	1.36	366.43	2844.00	5500.00	12212.89	1327.49	95.10	103.69	1016.57	30.59
16	15.00	27.00	7.20	222.00	44.40	4092.35	1.59	428.14	2844.00	5500.00	12864.49	1786.73	459.24	91.85	1385.74	28.94
17	25.00	33.00	5.28	270.00	54.00	4977.18	1.93	520.71	2844.00	5500.00	13841.89	2621.57	834.84	83.48	2067.18	26.82
18	50.00	40.00	3.20	326.00	65.20	6009.48	2.33	628.71	2844.00	5500.00	14982.19	4681.93	2060.36	82.41	3752.60	24.76
19	100.00	40.00	1.60	326.00	65.20	6009.48	2.33	628.71	2844.00	5500.00	14982.19	9363.87	4681.94	93.64	7505.19	24.77
20	200.00	45.00	0.90	366.00	73.20	6746.84	2.61	705.86	2844.00	5500.00	15796.70	17551.89	8188.02	81.88	14210.51	23.51
21	400.00	50.00	0.50	406.00	81.20	7484.20	2.90	783.00	2844.00	5500.00	16611.20	33222.40	15670.51	78.35	27141.20	22.41
22	400.00	53.00	0.35	430.00	86.00	7926.62	3.07	829.29	2844.00	5500.00	17099.91	48395.97	15173.57	75.87	39733.84	
	ABOVE															

## YEAR 2023-24 STATEMENT No :4 B

**Carrige of material over distance exceeding 0.5 Km .Including loading,unloading and stacking  
(For All Material Other than Asphalt, Cement & Steel)**

SR. NO	LEAD IN Km.	AVG.S PEED Km./h	NO.OF TRIPS N=8/(2L/S+0.33)	Km. DONE =2NL+6	Litre OF DIESEL CONSUME D Av.5 km/lit	COST OF DIESEL Rs.92.17PER LITRE. (Col.6 X 92.17)	Litre OF OIL CONSUME D 1 lit per 140 km	COST OF OIL AT Rs.270 PER LITRE (Col 8 X 270.00)	COST OF SIX MAZDOOR (MALE) EACH Rs.474.00 PER/DAY = 6x474	HIRE CHARGE OF TRUCK Rs.5500 PER/DAY	TOTAL COST OF (7+ 9+ 10+ 11)	COST PER TRIP for 2023-24	INCREASE IN COST OVER PREVIOUS K.M	increase in cost / lead in Rs.	COST PER TRIP 2021-22	% change of cost per trip w.r.t. 2021-22
						92.17	140	270.00	2844.00							
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
1	0.50	15.00	20.17	26.17	5.23	482.42	0.19	50.47	2844.00	5500.00	8876.89	440.15	0.00		305.09	44.27
2	1.00	16.00	17.58	41.16	8.23	758.74	0.29	79.38	2844.00	5500.00	9182.12	522.23	82.08		366.6	42.45
3	1.50	16.50	15.63	52.89	10.58	974.97	0.38	102.00	2844.00	5500.00	9420.97	602.73	80.50		427.04	41.14
4	2.00	17.00	14.15	62.61	12.52	1154.15	0.45	120.75	2844.00	5500.00	9618.90	679.69	76.96		485.07	40.12
5	2.50	17.25	12.91	70.53	14.11	1300.15	0.50	136.02	2844.00	5500.00	9780.17	757.79	78.10		543.87	39.33
6	3.00	17.50	11.89	77.34	15.47	1425.69	0.55	149.16	2844.00	5500.00	9918.85	834.25	76.46		601.56	38.68
7	3.50	17.75	11.04	83.31	16.66	1535.74	0.60	160.67	2844.00	5500.00	10040.41	909.12	74.87		658.17	38.13
8	4.00	18.00	10.33	88.64	17.73	1633.99	0.63	170.95	2844.00	5500.00	10148.94	982.47	73.35		713.75	37.65
9	4.50	18.25	9.72	93.47	18.69	1723.03	0.67	180.26	2844.00	5500.00	10247.29	1054.38	71.91		768.34	37.23
10	5.00	18.50	9.19	97.90	19.58	1804.69	0.70	188.81	2844.00	5500.00	10337.50	1124.90	70.52		821.99	36.85
11	6.00	19.00	12.67	158.00	31.60	2912.57	1.13	304.71	2844.00	5500.00	11561.28	912.73			689.01	32.47
12	7.00	20.00	11.43	166.00	33.20	3060.04	1.19	320.14	2844.00	5500.00	11724.18	1025.87	113.14		777.33	31.97
13	8.00	21.00	10.50	174.00	34.80	3207.52	1.24	335.57	2844.00	5500.00	11887.09	1132.10	106.23		860.95	31.49
14	9.00	22.00	9.78	182.00	36.40	3354.99	1.30	351.00	2844.00	5500.00	12049.99	1232.39	100.29		940.52	31.03
15	10.00	23.00	9.20	190.00	38.00	3502.46	1.36	366.43	2844.00	5500.00	12212.89	1327.49	95.10	103.69	1016.57	30.59
16	15.00	27.00	7.20	222.00	44.40	4092.35	1.59	428.14	2844.00	5500.00	12864.49	1786.73	459.24	91.85	1385.74	28.94
17	25.00	33.00	5.28	270.00	54.00	4977.18	1.93	520.71	2844.00	5500.00	13841.89	2621.57	834.84	83.48	2067.18	26.82
18	50.00	40.00	3.20	326.00	65.20	6009.48	2.33	628.71	2844.00	5500.00	14982.19	4681.93	2060.36	82.41	3752.6	24.76
19	100.00	40.00	1.60	326.00	65.20	6009.48	2.33	628.71	2844.00	5500.00	14982.19	9363.87	4681.94	93.64	7505.19	24.77
20	200.00	45.00	0.90	366.00	73.20	6746.84	2.61	705.86	2844.00	5500.00	15796.70	17551.89	8188.02	81.88	14210.51	23.51
21	400.00	50.00	0.50	406.00	81.20	7484.20	2.90	783.00	2844.00	5500.00	16611.20	33222.40	15670.51	78.35	27141.2	22.41
22	400.00	53.00	0.35	430.00	86.00	7926.62	3.07	829.29	2844.00	5500.00	17099.91	48395.97	15173.57	75.87	39733.84	21.80
	ABOVE															

**Year 2023-24 Statement 5**

**Quarry Materials, Cement, Steel, Asphalt & All Other Materials with Carrying Capacity of 25.0 Mt. Truck)**

SR. NO	MATERIAL	CAPACITY PER TRIP	NET QTY. PAYABLE AFTER DEDUCTION OF VOID	UNIT OF RATE	RATE PER UNIT FOR SPECIAL LEAD UPTO 5 KM										RATE PER UNIT PER Km. FOR KILOMETERAGE ABOVE 5Km.LEAD FALLING IN TOTAL RANGE BETWEEN										
					0.50 Km	1.00 Km	1.50 Km	2.00 Km	2.50 Km	3.00 Km	3.50 Km	4.00 Km	4.50 Km	5.00 Km	ABOVE 5Km. & UP TO 10Km.	ABOVE 10Km. & UP TO 15Km.	ABOVE 15Km. & UP TO 25Km.	ABOVE 25Km. & UP TO 50Km.	ABOVE 50Km. & UP TO 100Km.	ABOVE 100Km. & UP TO 200Km.	ABOVE 200Km. & UP TO 400Km.				
					6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23			
3.2.1.A	(A) Lime ,murrum,building rubbish,earth,manure or sludge & excavated rock and rubbish																								
	1 Lime, murrum, building rubbish	14.00	14.00	Cmt.	31.44	37.30	43.05	48.55	54.13	59.59	64.94	70.18	75.31	80.35	7.41	6.56	5.96	5.89	6.69	5.85	5.60	5.42			
	2 Earth	14.00	11.20	Cmt.	39.30	46.63	53.82	60.69	67.66	74.49	81.17	87.72	94.14	100.44	9.26	8.20	7.45	7.36	8.36	7.31	7.00	6.77			
	3 Manure or sludge	14.00	12.60	Cmt.	34.93	41.45	47.84	53.94	60.14	66.21	72.15	77.97	83.68	89.28	8.23	7.29	6.63	6.54	7.43	6.50	6.22	6.02			
	4 Excavated rock	14.00	7.00	Cmt.	62.88	74.60	86.10	97.10	108.26	119.18	129.87	140.35	150.63	160.70	14.81	13.12	11.93	11.77	13.38	11.70	11.19	10.84			
3.2.1.B	Sand, stone aggregate & soling stone brick/ cinder aggregate.																								
	1 Sand,stone aggregate below 40mm nominal size brick /cinder aggregate	14.00	14.00	Cmt.	31.44	37.30	43.05	48.55	54.13	59.59	64.94	70.18	75.31	80.35	7.41	6.56	5.96	5.89	6.69	5.85	5.60	5.42			
	2 stone aggregate 40mm nominal size and above	14.00	12.60	Cmt.	34.93	41.45	47.84	53.94	60.14	66.21	72.15	77.97	83.68	89.28	8.23	7.29	6.63	6.54	7.43	6.50	6.22	6.02			
	3 soling stone	14.00	9.80	Cmt.	44.91	53.29	61.50	69.36	77.33	85.13	92.77	100.25	107.59	114.79	10.58	9.37	8.52	8.41	9.55	8.36	8.00	7.74			
	4 concrete blocks [Foam]	14.00	14.00	Cmt.	31.44	37.30	43.05	48.55	54.13	59.59	64.94	70.18	75.31	80.35	7.41	6.56	5.96	5.89	6.69	5.85	5.60	5.42			
3.2.2	Bricks																								
	1 Modular bricks	7000.00	7000.00	1000 NOS	62.88	74.60	86.10	97.10	108.26	119.18	129.87	140.35	150.63	160.70	14.81	13.12	11.93	11.77	13.38	11.70	11.19	10.84			
	2 Conventional bricks	7000.00	7000.00		62.88	74.60	86.10	97.10	108.26	119.18	129.87	140.35	150.63	160.70	14.81	13.12	11.93	11.77	13.38	11.70	11.19	10.84			
3.2.3	Tiles.																								
	1 Bricks tiles	7500.00	7500.00	1000 NOS	58.69	69.63	80.36	90.63	101.04	111.23	121.22	131.00	140.58	149.99	13.83	12.25	11.13	10.99	12.49	10.92	10.45	10.12			
	2 Roofing tiles[Flat]	7500.00	7500.00		58.69	69.63	80.36	90.63	101.04	111.23	121.22	131.00	140.58	149.99	13.83	12.25	11.13	10.99	12.49	10.92	10.45	10.12			
3.2.6	Cement	20.00	20.00	M.T	163.29	167.39	171.41	175.26	179.17	182.99	186.74	190.40	194.00	197.53	5.18	4.59	4.17	4.12	4.68	4.09	3.92	3.79			
3.2.7	steel	20.00	20.00	M.T	173.29	177.39	181.41	185.26	189.17	192.99	196.74	200.40	204.00	207.53	5.18	4.59	4.17	4.12	4.68	4.09	3.92	3.79			
Note for item no 3.2.7[.e steel] Add Rs 10/ M T as handling charges for the lead from 0. KM to 5.00 Km only																									
3.2.8	Timber	14.00	14.00	Cmt.	31.44	37.30	43.05	48.55	54.13	59.59	64.94	70.18	75.31	80.35	7.41	6.56	5.96	5.89	6.69	5.85	5.60	5.42			
3.2.9	Tar, bitumen etc.	20.00	20.00	M.T	163.29	167.39	171.41	175.26	179.17	182.99	186.74	190.40	194.00	197.53	5.18	4.59	4.17	4.12	4.68	4.09	3.92	3.79			
3.2.10	Stem coal	14.00	14.00	M.T	31.44	37.30	43.05	48.55	54.13	59.59	64.94	70.18	75.31	80.35	7.41	6.56	5.96	5.89	6.69	5.85	5.60	5.42			
3.2.12 A	S W pipes																								
	A] 100.00MM Dia	2000.00	1200.00	100 Meter.	36.68	43.52	50.23	56.64	63.15	69.52	75.76	81.87	87.87	93.74	8.64	7.65	6.96	6.87	7.80	6.82	6.53	6.32			
	Pipes of 60 cm length																								
3.2.12 B	B] 150.00 M M Dia	1000.00	600.00	100 Meter.	73.36	87.04	100.46	113.28	126.30	139.04	151.52	163.75	175.73	187.48	17.28	15.31	13.91	13.74	15.61	13.65	13.06	12.64			
	Pipes of 60 cm length																								



SR. NO	MATERIAL	CAPACITY PER TRIP	NET QTY. PAYABLE AFTER DEDUCTION OF VOID	UNIT OF RATE	RATE PER UNIT FOR SPECIAL LEAD UPTO 5 KM										RATE PER UNIT PER Km. FOR KILOMETERAGE ABOVE 5Km.LEAD FALLING IN TOTAL RANGE BETWEEN							
					0.50	1.00	1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	ABOVE 5Km. & UP TO 10Km.	ABOVE 10Km. & UP TO 15Km.	ABOVE 15Km. & UP TO 25Km.	ABOVE 25Km. & UP TO 50Km.	ABOVE 50Km. & UP TO 100Km.	ABOVE 100Km. & UP TO 200Km.	ABOVE 200Km. & UP TO 400Km.	
					Km	Km	Km	Km	Km	Km	Km	Km	Km	Km	Km	Km	Km	Km	Km	Km	Km	Km
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
3.12.13	RCC pipes and C I pipes																					
	A] 100.00MM Dia	1000.00	600.00	100 Meter.	73.36	87.04	100.46	113.28	126.30	139.04	151.52	163.75	175.73	187.48	17.28	15.31	13.91	13.74	15.61	13.65	13.06	12.64
	Pipes of 3.66 Meter length																					
	B] 125.00 M M Dia	800.00	500.00	100 Meter.	88.03	104.45	120.55	135.94	151.56	166.85	181.82	196.49	210.88	224.98	20.74	18.37	16.70	16.48	18.73	16.38	15.67	15.17
	Pipes of 3.66 Meter length																					
	C] 150MM Dia	600.00	400.00	100 Meter.	110.04	130.56	150.68	169.92	189.45	208.56	227.28	245.62	263.60	281.23	25.92	22.96	20.87	20.60	23.41	20.47	19.59	18.97
	Pipes of 5.50 Meter length																					
	D] 200 MM Dia	400.00	250.00	100 Meter.	176.06	208.89	241.09	271.88	303.12	333.70	363.65	392.99	421.75	449.96	41.48	36.74	33.39	32.97	37.46	32.75	31.34	30.35
	Pipes of 5.50 Meter length																					
	E] 250 MM Dia	200.00	150.00	100 Meter.	293.43	348.15	401.82	453.13	505.19	556.17	606.08	654.98	702.92	749.93	69.13	61.23	55.66	54.94	62.43	54.59	52.24	50.58
	Pipes of 5.50 Meter length																					
	F] 300 MM Dia	150.00	125.00	100 Meter.	352.12	417.78	482.18	543.75	606.23	667.40	727.30	785.98	843.50	899.92	82.95	73.48	66.79	65.93	74.91	65.50	62.68	60.69
	Pipes of 5.50 Meter length																					
	G] 350 MM Dia	100.00	80.00	100 Meter.	550.19	652.79	753.41	849.61	947.24	1042.81	1136.40	1228.09	1317.98	1406.13	129.61	114.81	104.36	103.02	117.05	102.35	97.94	94.83
	Pipes of 5.50 Meter length																					
	H] 450 & 500 M M Dia	75.00	55.00	100 Meter.	800.27	949.51	1095.87	1235.80	1377.80	1516.82	1652.95	1786.31	1917.05	2045.27	188.53	167.00	151.79	149.84	170.25	148.87	142.46	137.94
	Pipes of 5.50 Meter length																					
	I] 600.700 & 750 mm Dia	50.00	30.00	100 Meter.	1467.17	1740.77	2009.10	2265.63	2525.97	2780.83	3030.40	3274.9	3514.6	3749.7	345.63	306.16	278.28	274.71	312.13	272.93	261.18	252.89
	Pipes of 5.50 Meter length																					
	J] 800.900.1000,1100 & 1200 mm Dia	25.00	20.00	100 Meter.	2200.75	2611.15	3013.65	3398.45	3788.95	4171.25	4545.60	4912.35	5271.9	5624.5	518.45	459.24	417.42	412.07	468.19	409.40	391.76	379.34
	Pipes of 3.66 Meter length																					

Sr.No	Code	Description	Unit	Rate
<b>BASIC MATERIAL RATES</b>				
1	M019	Abonite ball cock 25mm dia	Each	87.29
2	M020	Abonite ball cock 50mm dia	Each	116.95
3	M021	Acid proof paint (Chocolate or Black)	Litre	186.44
4	M022	Aldrop 20mm. dia Size with necessary fitting Iron Oxidised 20cms. Length	Each	38.14
5	M023	Aldrop 20mm. dia Size with necessary fitting Iron Oxidised 25cms. Length	Each	42.37
6	M024	Aldrop 20mm. dia Size with necessary fitting Iron Oxidised 30cms. Length	Each	50.85
7	M025	Aldrop 20mm. dia Size with necessary fitting Iron Oxidised 35cms. Length	Each	59.32
8	M026	Aldrop 20mm. dia Size with necessary fitting Alluminium 20cms. Length	Each	67.8
9	M027	Aldrop 20mm. dia Size with necessary fitting Alluminium 25cms. Length	Each	69.49
10	M028	Aldrop 20mm. dia Size with necessary fitting Alluminium 30cms. Length	Each	93.22
11	M029	Aldrop 20mm. dia Size with necessary fitting Alluminium 35cms. Length	Each	110.17
12	M030	Aldrop 20mm. dia Size with necessary fitting Brass 20cms. Length	Each	216.1
13	M031	Aldrop 20mm. dia Size with necessary fitting Brass 25cms. Length	Each	233.05
14	M032	Aldrop 20mm. dia Size with necessary fitting Brass 30cms. Length	Each	245.76
15	M033	Aldrop 20mm. dia Size with necessary fitting Brass 35cms. Length	Each	271.19
16	M034	Aldrop 20mm. dia Size with necessary fitting Brass CP 20cms. Length	Each	228.81
17	M035	Aldrop 20mm. dia Size with necessary fitting Brass CP 25cms. Length	Each	241.53
18	M036	Aldrop 20mm. dia Size with necessary fitting Brass CP 30cms. Length	Each	245.76
19	M037	Aldrop 20mm. dia Size with necessary fitting Brass CP 35cms. Length	Each	271.19
20	M038	Aluminum paint	Litre	169.49
21	M039	Aluminum Perforated jali of any size	sq.m.	156.78
22	M040	Aluminum Powder	kg	11.86
23	M041	Aluminum sheet 22 guage thick	sq.m.	190.68
24	M042	Angle bracket Iron 10 x 12 size (25cms x 30cms.)	Doz.	192.37
25	M043	Angle bracket Iron 12 x 14 size (309 cms. x 35cms)	Doz.	199.15
26	M044	Angle size 15 x 15 cm. (Glazed)	10 Each	93.22
27	M045	Anodised Alluminum Screws 20 mm	100 Each	41.53
28	M046	Anodised Alluminum Screws 30 mm	100 Each	61.86
29	M047	Anodised Alluminum Screws 40 mm	100 Each	66.1
30	M048	Anodised Aluminum Butt hinges 100 mm x 63 mm x 3.2 mm	10 Each	202.54
31	M049	Anodised Aluminum Butt hinges 50 mm x 45 mm x 3.2 mm	10 Each	104.24
32	M050	Anodised Aluminum Butt hinges 75 mm x 45 mm x 3.2 mm	10 Each	110.17
33	M051	Anodised Aluminum Butt hinges 75 mm x 63 mm x 3.2 mm	10 Each	133.05
34	M052	Anticorrosive bituminous paint	Litre	76.27
35	M053	Asbestos Rope	Rmt	7.63
36	M054	Asphalt CRMB 50 Bulk	MT	43176.27
37	M055	Asphalt CRMB 50 pack	MT	47413.56
38	M056	Asphalt CRMB 55 Bulk	MT	43220.34
39	M057	Asphalt CRMB 55 Pack	MT	47457.63
40	M058	Asphalt CRMB 60 Bulk	MT	43644.07
41	M059	Asphalt CRMB 60 Pack	MT	47881.36
42	M060	Asphalt Grade VG 40 pack	MT	46610.17

Sr.No	Code	Description	Unit	Rate
43	M061	Asphalt Grade VG 30 Bulk	MT	39738.98
44	M062	Asphalt Grade VG 30 Pack	MT	45110.17
45	M063	Asphalt Grade VG 10 Bulk	MT	38938.98
46	M064	Asphalt Grade VG 10 pack	MT	44310.17
47	M065	Asphalt Grade VG 40 Bulk	MT	40677.97
48	M066	Asphalt PMB SB 40 Bulk	MT	6821.19
49	M067	Asphalt PMB SB 40 Pack	MT	10209.32
50	M068	Asphalt PMB SB 70 Bulk	MT	6983.9
51	M069	Asphalt PMB SB 70 Pack	MT	10459.32
52	M070	Bajri or figure glass 3mm thick	sq.m.	161.02
53	M071	Bajri or figure glass 4mm thick	sq.m.	190.68
54	M072	Ball Catch width spring 1/2 Dia (13mm)	Each	8.47
55	M073	Ball Catch width spring 5/8 Dia. (16mm)	Each	6.78
56	M074	Ballies 125 mm dia.	Rmt	32.14
57	M075	Ballies 80 mm dia.	Rmt	24.11
58	M076	Barbed wire for fencing of galvanized steel wire	Quintal	5762.71
59	M077	Bat clamps 100 mm dia	Each	15.25
60	M078	Bat clamps 80 mm dia	Each	11.02
61	M079	Battens 75mm x100mm. country wood	cu.dm.	20.34
62	M080	Battens Indian teakwood size 12mm x 12mm	Rmt	3.39
63	M081	Battens Indian teakwood size 12mm x 19mm	Rmt	5.51
64	M082	Battens Indian teakwood size 12mm x 35mm	Rmt	11.86
65	M083	Battens Indian teakwood size 19mm x 19mm	Rmt	7.2
66	M084	Battens Indian teakwood size 19mm x 25mm	Rmt	11.02
67	M085	Battens 50 mm x 25 mm	Rmt	20.34
68	M086	Battens 50 mm x 50 mm	cu.dm.	20.34
69	M087	Battens 75 mm x 100 mm	Rmt	20.34
70	M088	Battens 75 mm x 50 mm	cu.dm.	20.34
71	M089	Bees Wax	kg	61.02
72	M090	Bevelled edge mirror 600mm x 450mm	Each	231.36
73	M091	Bilimoria Brick	1000 Each	3083.05
74	M092	Binding wire of 18 gauge thick annealed iron	kg	39.83
75	M093	Binding Wires	kg	39.83
76	M094	Bitumen Washer	100 Each	41.53
77	M095	Bituminous Paint	Litre	43.22
78	M096	Black Japan Paint.	Litre	43.22
79	M097	Black plastic sheet with cover with C.P. Brass Hinges and Rubber butters white Vitrious China	Each	246.61
80	M098	Black stone for cooking Platfrom (1.50 Sq.Mt.)	Each	468.64
81	M099	Blasting Powder	kg	43.22
82	M100	Bolt 'L' 3 to 4 size iron (7.5cms to 10 cms)	Doz.	55.08
83	M101	Bolts 12 mm dia. 10 cm. Long	kg	54.24
84	M102	Bolts 12 mm dia. 10 cm. Long	kg	64
85	M103	Boundry Stone	Each	31.36
86	M104	Brass Screw Down bib type. 15mm dia.	Each	138.98
87	M105	Brass Screw Down bib type. 20mm dia	Each	174.58
88	M106	Brass screw down stop cock 15 mm dia	Each	174.58
89	M107	Brass screw down stop cock 20 mm dia	Each	189.83
90	M108	Brass screw down stop cock 25 mm dia	Each	187.29
91	M109	Brick bats chhara	cu.m.	136.61
92	M110	Brick aggregate 40mm size	cu.m.	200
93	M111	C.I. Cap Gril As per Std. Design	Each	44.07
94	M112	C.I. Cover with frame 300mm x 300mm	Each	396.61
95	M113	C.I. Cover with frame 455mm x 610mm	Each	812.71
96	M114	C.I. Cover with frame 500mm x 700mm	Each	1129.66
97	M115	C.I. Cover with frame 600mm x 850mm	Each	3644.92

Sr.No	Code	Description	Unit	Rate
98	M116	C.I. Cover with frame for manholes	Quintal	5626.27
99	M117	C.I. Cover without frame 300mm x 300mm	Each	466.1
100	M118	C.I. Cover without frame 455mm x 610mm	Each	955.93
101	M119	C.I. Cover without frame 500mm x 700mm	Each	1328.81
102	M120	C.I. Cover without frame 600mm x 850mm	Each	4288.14
103	M121	C.I. Cover without frame for manholes	Quintal	6618.64
104	M122	C.I. Cowel 100 mm dia	Each	340.68
105	M123	C.I. Cowel 75mm dia	Each	245.76
106	M124	C.I. Flushing cistem with fittings 12.5 Litre High level	Each	633.9
107	M125	C.I. Greating 100 mm x 100 mm	Each	57.63
108	M126	C.I. Nahni trap	Each	134.75
109	M127	C.I. or M.S Brackets	Each	44.07
110	M128	C.I. ring painted with coal tar	Each	93.22
111	M129	C.I. steps 50cm x 15cm. 2.25cm.	Each	111.02
112	M130	C.P. Brush Screws & Washers 25 mm size	Each	14.41
113	M131	C.P. Brass 1/2 turn flush cock 20 mm dia	Each	216.1
114	M132	C.P. Brass 1/2 turn flush cock 25 mm dia	Each	223.73
115	M133	C.P. Brass 1/2 turn flush cock 32 mm dia	Each	233.9
116	M134	C.P. Brass shower rose 100mm dia.	Each	238.14
117	M135	C.P. Brass toilet paper holder of stand and size	Each	218.64
118	M136	C.R.C Sheet	Quintal	4466.1
119	M137	Cast iron grating 100mm dia.	Each	31.36
120	M138	Cast iron grating 150mm dia.	Each	44.07
121	M139	Cast Iron Spigot and Socket soil pipe 100mm	Each	1169.49
122	M140	Cast Iron Spigot and Socket soil pipe 75mm	Each	971.19
123	M141	Cast Steel Rocker Bairing	MT	49919.49
124	M142	Cast Steel Rocker Rocker Bairing	MT	49919.49
125	M143	Cement	MT	5234
126	M144	Cement Bags (Empty)	Each	2.38
127	M145	Ceramic Tiles	sq.m.	211.86
128	M146	Chain link 2 10 x 10 gauge (Galvanised)	sq.m.	254.24
129	M147	Chain link 2.5 10x10 gauge chain link Plastic	sq.m.	254.24
130	M148	Chapras for cupboard Brass Size 4 to 6	Doz.	283.9
131	M149	Chapras for cupboard Brass Size less than 4	Doz.	262.71
132	M150	Chapras for cupboard Iron Size 3x6 (7.5cms x 15cms)	Doz.	69.49
133	M151	Chapras for cupboard Iron Size less than 3 (9.5 cms.)	Doz.	52.54
134	M152	Chicken wire mesh 16 x24	sq.m.	182.2
135	M153	Chromium Plated brass Bib tap. 15mm dia.	Each	158.47
136	M154	Chromium Plated brass Bib tap. 20mm dia.	Each	182.2
137	M155	Chromium platted bottle trap	Each	250.89
138	M156	Clamps in two semi-circular halves of M.S. Flat 40 mm x 3 mm	kg	50.85
139	M157	Coal Tar	Litre	23.73
140	M158	Coarse sand	cu.m.	279.3
141	M159	Coil type spring	Each	166.1
142	M160	Coir string	kg	37.14
143	M161	Cold Twisted Bars	Quintal	4663
144	M162	Commercial Plywood Sheet 12 mm	sq.m.	305.93
145	M163	Commercial Plywood Sheet 19 mm	sq.m.	382.2
146	M164	Commercial Plywood Sheet 25 mm	sq.m.	425.42
147	M165	Commercial Plywood Sheet 6 mm	sq.m.	155.08
148	M166	Common Burnt clay Bricks Conventional size	1000 Each	4712.4
149	M167	Common Burnt clay Bricks Modular size 20x10x10 cm	1000 Each	4936.8
150	M168	Contry wood Malayasian mersova (imported)	cu.dm.	25.42
151	M169	Coolex glass (Heat resistant)	sq.m.	233.05
152	M170	Copper metal ball cock 25mm dia	Each	112.71
153	M171	Copper metal ball cock 50mm dia	Each	161.02

Sr.No	Code	Description	Unit	Rate
154	M172	Corrugated A.C. Sheet 6 mm thick	sq.m.	0
155	M173	Corrugated A.C. Sheet 7 mm thick	sq.m.	0
156	M174	Country Wood	cu.dm.	22.03
157	M175	Crimp Jali 12 gauge	sq.m.	266.95
158	M176	Crushed stone aggregate for Hard Quality 10 to 20mm size	cu.m.	470.25
159	M177	Crushed stone aggregate for Hard Quality 10mm size	cu.m.	380
160	M178	Crushed stone aggregate for Hard Quality 20mm size	cu.m.	588.53
161	M179	Crushed stone aggregate for Hard Quality 40mm size	cu.m.	454.58
162	M180	Crushed stone aggregate for Hard Quality 40mm to 63mm size	cu.m.	417.53
163	M181	Crushed stone aggregate for Hard Quality 6 to 10mm size	cu.m.	390.45
164	M182	Crushed stone aggregate for Hard Quality 6mm size	cu.m.	0
165	M183	Dark shade pigment	kg	64.41
166	M184	Datta nylon for furniture size 1 to 1 1/4 (2.5 cms to 3.0 cms)	Each	6.78
167	M185	Datta rubber for door size upto 1 (2.5cms)	Each	12.71
168	M186	Decorative ply wood 4 mm thick	sq.m.	252.54
169	M187	Devdar wood battens and Planks	cu.dm.	20.34
170	M188	Diesel	Litre	88
171	M189	Distemper Primer	Litre	57.63
172	M190	Door closers (Heavy type of 765 number) Hardwire or Everite Prabhat or Equivalent.	Each	466.1
173	M191	Door closers arrow type with spring 12 length as approved sample (30 cms)	Each	474.58
174	M192	Door shutters Decorative type 25mm. thick Both sides teak finished	sq.m.	1101.69
175	M193	Door shutters Decorative type 35mm. thick Both sides teak finished	sq.m.	1076.27
176	M194	Dry Distemper	kg	36.44
177	M195	Emulsion with aldring heptachlor or chlordane	Litre	126.27
178	M196	Emulsion with Dieldrin	Litre	126.27
179	M197	Enamel Paint	Litre	151.69
180	M198	Enamel Primer	Litre	97.46
181	M199	Expanded metal jali 12 x 12 gauge	sq.m.	161.02
182	M200	Extra cost of R.S. having width 3.5Mt. & above	sq.m.	232.2
183	M201	Fevicol S.R. 998	kg	152.54
184	M202	Fibre Base Bitumen Saturated under Layer Type-L	sq.m.	75.42
185	M203	Fibre Base Self finished Felt Type-II. Grade	sq.m.	87.29
186	M204	Fibre Insulation Board 12 mm thick	sq.m.	159.32
187	M205	Fibre Insulation Board 18 mm thick	sq.m.	230.51
188	M206	Fibre Insulation Board 25 mm thick	sq.m.	295.76
189	M207	Fifth K.M. Pre Cast R.C.C. Stone as per I.R.C.Type Design.	Each	907.63
190	M208	Fifth K.M. Stone as per I.R.C.Type Design.	Each	567.8
191	M209	Fine sand	cu.m.	255.08
192	M210	Flat back wash basin Colour glazed 450 x 300 size	Each	466.1
193	M211	Flat back wash basin Colour glazed 550 x 400 size	Each	443.22
194	M212	Flat back wash basin Colour glazed 630 x 510 size	Each	1156.78
195	M213	Flat back wash basin White vitrious china 450mm x 300mm size	Each	402.54
196	M214	Flat back wash basin White vitrious china 550mm x 400mm	Each	550.85
197	M215	Flat back wash basin White vitrious china 630 x 510 size	Each	1110.17
198	M216	Flushing cistern P.V.C. with fittings 12.5 Litre high level	Each	677.97
199	M217	Flushing cistern White vitrious with C.P. Brass handle etc. 12.5 Litre Low level	Each	1347.46
200	M218	Fly Ash Brick	1000 Each	6375
201	M219	Fuel Steam Coal	Quintal	161.9
202	M220	Fuse	Each	94.07
203	M221	G.I Sheet 0.8 mm thick Corrugated class-3	Quintal	4555.93
204	M222	G.I Sheet 0.8 mm thick Plain class-3	Quintal	4432.2
205	M223	G.I Sheet 0.8 mm thick Semi-Circular class-3	Quintal	4432.2
206	M224	G.I. Barbed Wire	Quintal	5762.71
207	M225	G.I. Pipe 30 cm long 50 mm dia	Each	86.44

Sr.No	Code	Description	Unit	Rate
208	M226	G.I. J or L Hooks	10 Each	74.58
209	M227	G.I. Plain Washer	100 Each	74.58
210	M228	G.I.Seam Bolts and Nuts 25 mm x 6 mm	10 Each	99.15
211	M229	G.S.W. fitting Bends. 100mm dia.	Each	42.37
212	M230	G.S.W. fitting Bends. 150mm dia	Each	50.85
213	M231	G.S.W. Half round channel 150mm dia. 60 Cm long	Each	38.98
214	M232	G.S.W. Junction 100 mm dia	Each	54.24
215	M233	G.S.W. Junction 150 mm dia	Each	100
216	M234	Galvanised Mild steel tube Lower Grade 150mm dia	Rmt	805.08
217	M235	Galvanised Mild steel tube Medium Grade 15mm dia	Rmt	79.66
218	M236	Galvanised Mild steel tube Medium Grade 20mm dia	Rmt	103.39
219	M237	Galvanised Mild steel tube Medium Grade 25mm dia	Rmt	146.61
220	M238	Galvanised Mild steel tube Medium Grade 32mm dia	Rmt	185.59
221	M239	Galvanised Mild steel tube Medium Grade 40mm dia	Rmt	226.27
222	M240	Galvanised Mild steel tube Medium Grade 50mm dia	Rmt	295.76
223	M241	Galvanised Mild steel tube Medium Grade 65mm dia	Rmt	370.34
224	M242	Galvanised Mild steel tube Medium Grade 80mm dia	Rmt	477.97
225	M243	Gauge Plate	Quintal	3961.86
226	M244	Geru in crystal (Sona)	kg	1.71
227	M245	GIMS Nuts 5 mm thick 80 mm dia	Each	54.24
228	M246	GIMS T 65 mm x 65 mm	Each	227.97
229	M247	Glass 2 mm to 3 mm thick	sq.m.	105.93
230	M248	Glass Shelf with C.P. Guard Rail and Brackets 600mm x 120mm	Each	195.76
231	M249	Glass strips 4 mm thick 40mm depth	Rmt	11.02
232	M250	Glass strips 6mm thick 40mm depth	Rmt	14.41
233	M251	Glasses 2 mm to 3 mm thick	sq.m.	122.88
234	M252	Glasses 3 mm thick	sq.m.	194.92
235	M253	Granite Slab (18 mm thick) 1 side Polished	sq.m.	1347.46
236	M254	Grinding Polishing Rounding or edges of Glass or Glazing Sheet	Rmt	17.8
237	M255	Grindina Polishing rounding or edges of glass or glazing sheet (B) Rubbings & Polishing of tiles or stone flooring	sq.m.	36.44
238	M256	Ground glass (Frosted or obscurd on one side) 3 mm thick	sq.m.	169.49
239	M257	Ground glass (Frosted or obscurd on one side) 4 mm thick	sq.m.	194.92
240	M258	Ground glass (Frosted or obscurd on one side) 5 mm thick	sq.m.	245.76
241	M259	Guard Stone	Each	31.36
242	M260	Gum	kg	21.19
243	M261	Gun metal screw down bib tap-15 mm dia	Each	134.75
244	M262	Gun metal screw down bib tap-20 mm dia	Each	150.85
245	M263	Gun metal wheel valve 15mm dia	Each	158.47
246	M264	Gun metal wheel valve 20mm dia	Each	172.88
247	M265	Gun Metal Wheel Valve 25mm dia.	Each	356.78
248	M266	Gun metal wheel valve 32mm dia	Each	266.95
249	M267	Gun Metal Wheel Valve 40mm dia.	Each	562.71
250	M268	Hacksaw blade double thread	Doz.	50.85
251	M269	Hactometer Stone as per Type design.	Each	90.68
252	M270	Hactometer Stone Pre Cast R.C.C. Stone as per Type design	Each	227.12
253	M271	Hammer Iron 1 LBS	Each	50.85
254	M272	Hammer Iron 2 LBS	Each	72.03
255	M273	Hand broken stone aggregate 25mm size to 90mm size	cu.m.	246.53
256	M274	Hand broken stone aggregate 40mm size to 63mm size.	cu.m.	289.28
257	M275	Handle for doors Windows Cupboards etc. Brass 10 cms. Length	Each	50.85
258	M276	Handle for doors Windows Cupboards etc. Brass 15 cms. Length	Each	59.32
259	M277	Handle for doors Windows Cupboards etc. C.P. Brass 10 cms. Length	Each	33.9
260	M278	Handle for doors Windows Cupboards etc. C.P. Brass 15 cms. Length	Each	44.07
261	M279	Handle for doors Windows Cupboards etc. 10 cms. Length	Each	15.25

Sr.No	Code	Description	Unit	Rate
262	M280	Handle for doors Windows Cupboards etc. 15 cms. Length	Each	18.64
263	M281	Handle for doors Windows Cupboards etc. Iron Oxidized 10 cms. Length	Each	10.17
264	M282	Handle for doors Windows Cupboards etc. Iron Oxidized 15 cms. Length	Each	11.02
265	M283	Handle for steel window (Right & Left) Alluminium	Each	29.66
266	M284	Handle for steel window (Right & Left) Brass	Each	43.22
267	M285	Handle for steel window (Right & Left) Iron oxidized	Each	50
268	M286	Handle for steel window (Right & Left) Wrinkle finish	Each	17.8
269	M287	Hard board sheet 4 mm thick	sq.m.	122.88
270	M288	Hard Drawn Steel Wire Fabric	sq.m.	207.63
271	M289	Hard Marrum	cu.m.	120
272	M290	Hi Tensile Steel Wire	MT	56496.61
273	M291	Hinges (Strap) Alluminium 10 cms. Length	Each	25.42
274	M292	Hinges (Strap) Alluminium 15 cms. Length	Each	38.14
275	M293	Hinges (Strap) Alluminium 20 cms length	Each	46.61
276	M294	Hinges (Strap) M.S. 10 cms. Length or equivalent	Pair	24.58
277	M295	Hinges (Strap) M.S. 12.5 cms. Length or equivalent	Pair	33.9
278	M296	Hinges butt. I.S.I Mark Brass (Railway type heavy) 7.5 cms. Length or equivalent	Pair	63.56
279	M297	Hinges butt. I.S.I Mark Brass (Railway type heavy) 7.5 cms. Length or equivalent	Pair	110
280	M298	Hinges butt. I.S.I Mark Steel 10 cms. Length 14 gauge	Pair	16.95
281	M299	Hinges butt. I.S.I Mark Steel 7.5 cms. Length 16 gauge	Pair	50
282	M300	Hinges butt. I.S.I Mark Alluminium 10 cms. Length	Pair	63.56
283	M301	Hinges butt. I.S.I Mark Alluminium 7.5 cms. Length	Pair	38.14
284	M302	Hinges butt. I.S.I Mark C.P.Brass (Railway type Hinges) 10 cms. Length	Pair	77.97
285	M303	Hinges butt. I.S.I Mark C.P.Brass (Railway type Hinges) 7.5 cms. Length	Pair	80.51
286	M304	Hinges Parilamentary Steel 10 cms. Length	Each	165.25
287	M305	Hinges Parilamentary Steel 12.5 cms length	Each	122.88
288	M306	Hinges Parilamentary Steel 7.5 cms. Length	Each	105.93
289	M307	Hinges Parilamentary Brass 10 cms. Length	Each	28.81
290	M308	Hinges Parilamentary Brass 12.5 cms length	Each	38.14
291	M309	Hinges Parilamentary Brass 7.5 cms. Length	Each	23.73
292	M310	Hinges Spring 10 cms. Length	Each	110.17
293	M311	Hinges Spring 7.5 cms. Length	Each	103.39
294	M312	Hirakani	Each	161.02
295	M313	Hood Cover 0.9 mm thick	Rmt	103.13
296	M314	Hood Cover 1.25 mm thick	Rmt	107.81
297	M315	Hooks and Eyes Alluminium 10 cms. Length	Each	18.64
298	M316	Hooks and Eyes Alluminium 15 cms. Length	Each	21.19
299	M317	Hooks and Eyes Alluminium 20 cms length	Each	30.51
300	M318	Hooks and Eyes C.P.Brass 10 cms. Length	Each	23.73
301	M319	Hooks and Eyes C.P.Brass 15 cms. Length	Each	33.05
302	M320	Hooks and Eyes C.P.Brass 20 cms length	Each	42.37
303	M321	Hooks and Eyes Iron oxidized 10 cms. Length	Each	6.78
304	M322	Hooks and Eyes Iron oxidized 15 cms. Length	Each	7.63
305	M323	Hooks and Eyes Iron oxidized 20 cms length	Each	8.47
306	M324	Indian Teak wood	cu.dm.	46.61
307	M325	Beading Indian Teak wood	cu.dm.	50.85
308	M326	Indicator Stone as per RCC Type Design	Each	227.12
309	M327	Indicator Stone as per Type Design	Each	83.9
310	M328	Integral W.P. compound (Liquid of standard quality) tested as perl.S. 2645 - 1975	Litre	72.03
311	M329	Inter Lock [Kadaka lock]	Each	207.63
312	M330	Iron bib tap 15mm. Dia	Each	27.12

Sr.No	Code	Description	Unit	Rate
313	M331	Iron bib tap 20mm. Dia	Each	35.59
314	M332	Iron Hinges 100 mm x 58 mm x 1.4 mm	10 Each	99.15
315	M333	Iron Hinges 100 mm x 58 mm x 1.9 mm	10 Each	103.39
316	M334	Iron Hinges 50 mm x 37 mm x 1.5 mm	10 Each	78.81
317	M335	Iron Hinges 75 mm x 47 mm x 1.7 mm	10 Each	87.29
318	M336	Iron Screws. 20 mm	100 Each	66.1
319	M337	Iron Screws. 30 mm	100 Each	87.29
320	M338	Iron Screws. 40 mm	100 Each	103.39
321	M339	Junction Equal double 100 mm dia	Each	27.97
322	M340	Junction Equal double 80 mm dia	Each	25.42
323	M341	Junction Equal Single 100 mm dia	Each	29.66
324	M342	Junction Equal Single 80 mm dia	Each	23.73
325	M343	Junction Board R.C.C.	Each	539.83
326	M344	Jute string	kg	56.19
327	M345	Kada (Indian) with English ball bearing.	Pair	211.02
328	M346	Kerosene	Litre	80
329	M347	Koda Iron	Each	114.41
330	M348	Latch (Tadi) as per sample approved sectional flats (Heavy) Alluminium 25 cms length & 16mm dia	Each	45.76
331	M349	Latch (Tadi) as per sample approved sectional flats (Heavy) Alluminium 30 cms length & 16mm dia	Each	57.63
332	M350	Latch (Tadi) as per sample approved sectional flats (Heavy) Alluminium 35 cms length & 16mm dia	Each	60.17
333	M351	Latch (Tadi) as per sample approved sectional flats (Heavy) Brass 20 cms. Length	Each	71.19
334	M352	Latch (Tadi) as per sample approved sectional flats (Heavy) Brass 25 cms. Length	Each	80.51
335	M353	Latch (Tadi) as per sample approved sectional flats (Heavy) Brass 30 cms length	Each	97.46
336	M354	Latch (Tadi) as per sample approved sectional flats (Heavy) Brass 35 cms length	Each	105.93
337	M355	Latch (Tadi) as per sample approved sectional flats (Heavy) C.P. Brass 20 cms. Length	Each	72.03
338	M356	Latch (Tadi) as per sample approved sectional flats (Heavy) C.P. Brass 25 cms. Length	Each	88.98
339	M357	Latch (Tadi) as per sample approved sectional flats (Heavy) C.P. Brass 30 cms length	Each	93.22
340	M358	Latch (Tadi) as per sample approved sectional flats (Heavy) C.P. Brass 35 cms length	Each	105.93
341	M359	Latch (Tadi) as per sample approved sectional flats (Heavy) Iron Oxidized 25 cms length & 16mm dia	Each	21.19
342	M360	Latch (Tadi) as per sample approved sectional flats (Heavy) Iron Oxidized 30 cms length & 16mm dia	Each	26.27
343	M361	Latch (Tadi) as per sample approved sectional flats (Heavy) Iron Oxidized 35 cms length & 16mm dia	Each	29.66
344	M362	Latch for steel window 25 cms to 35cms. Alluminium	Each	30.51
345	M363	Latch for steel window 25 cms to 35cms. Brass	Each	23.73
346	M364	Latch for steel window 25 cms to 35cms. Iron oxidized	Each	21.19
347	M365	Latch for steel window 25 cms to 35cms. Wrinkle finish	Each	29.66
348	M366	Light shade pigment	kg	68.64
349	M367	Lime gotton crystal	Quintal	340
350	M368	Limpet Washer	100 Each	29.66
351	M369	Linseed Oil	Litre	113.33
352	M370	Locks Baby latch brass chromium 75mm long.	Each	266.95



Sr.No	Code	Description	Unit	Rate
353	M371	Locks Bath room latch Navtal (Godrej)	Each	271.19
354	M372	Locks Godrej cupboard 3 (7.5 cms)	Each	101.69
355	M373	Locks Godrej Mortice lock cover	Each	326.27
356	M374	Locks Godrej Night latch	Each	127.12
357	M375	Locks Locker brass Navtal (Godrej) 75mm dia 7 lever with and set keys.	Each	211.86
358	M376	M.I. fisher Union 32 mm dia	Each	66.96
359	M377	M.I. fisher Union 40 mm dia	Each	75
360	M378	M.S. Fixed Plate Bearing	MT	43580.51
361	M379	M.S. Plate / Flat	Quintal	3630.51
362	M380	M.S. Road Sign Board / Village Name Board Non-Reflective Type	Each	1335.59
363	M381	M.S. Road Sign Board / Village Name Board Reflective Type	Each	2353.39
364	M382	M.S. Rocker Bearing	MT	43580.51
365	M383	M.S. Roller Bearing	MT	43580.51
366	M384	M.S. Sheet 1 mm thick	Quintal	4177.97
367	M385	M.S. village Name Board or Junction Board	Each	2674.58
368	M386	Manglore Tiles	1000 Each	2914.29
369	M387	Marble number Plate	Each char.	155.08
370	M388	Marble chips upto 4 mm size.	Quintal	737.29
371	M389	Marble Powder	cu.m.	1323.73
372	M390	Marble Slab 18 to 20 mm	sq.m.	594.07
373	M391	Marble Slab stone 25mm thick double polished	sq.m.	677.97
374	M392	Marble Slab Extra for mirror finishing on marble slab flooring	sq.m.	168.64
375	M393	Marble Slab Machine cut marble tiles 6mm thick 30cms x 15cms Mirror finish with chamfering and grove back	sq.m.	542.37
376	M394	Marble Slab Polished granite stone 20 to 25mm thick black	sq.m.	2542.37
377	M395	Marble Slab Polished granite stone 20 to 25mm thick Colour	sq.m.	3644.07
378	M396	Marble Slab Polished marble stone (Rajnagar or Makran 20mm. thick	sq.m.	720.34
379	M397	Marble Slab Polished marble stone Rajnagar Makarana 20mm size	sq.m.	720.34
380	M398	Marble Slab Polished marble stone Rajnagar Makarana 20mm size 180 x 60 cms.	sq.m.	1050.85
381	M399	Marble Slab Polished marble stone Rajnagar Makarana 20mm size 60 x 45 cms.	sq.m.	974.58
382	M400	Marble Slab Polished marble stone Rajnagar Makarana 20mm size 90 x 60 cms.	sq.m.	1025.42
383	M401	Marble Slab White adango 180 x 60cms.	sq.m.	889.83
384	M402	Marble Slab White adango 180x60 cms	sq.m.	889.83
385	M403	Marble Slab White adango 20mm thick colour grey 60x60 cms.	sq.m.	805.08
386	M404	Marble Slab White adango 60 x 60 cm.	sq.m.	733.05
387	M405	Marble Slab White adango 60x45 cms.	sq.m.	703.39
388	M406	Marble Slab White adango 60x45cm.	sq.m.	703.39
389	M407	Marble Slab White adango 90x6 cm.	sq.m.	762.71
390	M408	Marble Slab White adango 90x60 cms.	sq.m.	847.46
391	M409	Marble year Plate 20cm x 15cm. x 2.5cm	Each	155.08
392	M410	Marbo granite flooring tiles 8mm th.	sq.m.	322.03
393	M411	Medium shade pigment	kg	68.64
394	M412	Mild Steel Bars	Quintal	4451
395	M413	Munj for white washing	kg	28.57
396	M414	Murrum/ binding Material	cu.m.	90
397	M415	Neo Prene Bearing (480 x 310 x 48 mm)	Cu.Cm.	0.87
398	M416	Nickel Plated bright finished M.S. Piano Hinges	Rmt	128.81
399	M417	Nickel plated finished M.S.Piano hinges Alluminium 19mm. width (15cm. Length )	Rmt	151.69
400	M418	Nickel plated finished M.S.Piano hinges Alluminium 25mm. width (15cm. Length )	Rmt	188.14

Sr.No	Code	Description	Unit	Rate
401	M419	Nickel plated finished M.S.Piano hinges BRASS 19mm. width 6 (15cm. Length )	Rmt	205.08
402	M420	Nickel plated finished M.S.Piano hinges BRASS 25mm. width 6(15cm. Length )	Rmt	208.47
403	M421	Nickel Plated screws 25 mm dia.	sq.m.	132.2
404	M422	Non Decorative type 25 mm thick Door Shutter	sq.m.	801.69
405	M423	Non Decorative type 35 mm thick Door Shutter	sq.m.	1059.32
406	M424	Non reflective solar contact film for fixing on glass.	sq.m.	402.54
407	M425	North Light Adjustable Ridge	Pair	90.48
408	M426	Off-set 50 mm - 100 mm dia	Each	21.19
409	M427	Off-set 50 mm - 80 mm dia	Each	17.8
410	M428	Off-set 75 mm - 100 mm dia	Each	22.03
411	M429	Off-set 75 mm - 80 mm dia	Each	17.8
412	M430	Oil bound distemper	kg	50.85
413	M431	Oil of 30 No.	Litre	155.08
414	M432	Omai plast for sunk Portion EP-101	kg	508.47
415	M433	Ordinary K.M. Stone (For NH.S.H. M.D.R)	Each	340.68
416	M434	Ordinary K.M. Stone Pre Cast R.C.C. Stone as per Type design (For NH.S.H.M.D.R.)	Each	605.08
417	M435	Ordinary K.M. Stone Pre Cast R.C.C. Stone as per Type design (ForO.D.R. & V.R.)	Each	529.66
418	M436	Ordinary K.M.Stone ForO.D.R. & V.R.)	Each	302.54
419	M437	P.V.C bib tap 15mm. Dia	Each	21.19
420	M438	P.V.C bib tap 20mm. Dia	Each	29.66
421	M439	P.V.C. flooring sheetP.V.C 2mm thick	sq.m.	372.88
422	M440	P.V.C. flooring sheetP.V.C. 2.5mm thick	sq.m.	491.53
423	M441	P.V.C. Nahni trap	Each	59.32
424	M442	P.V.C. Pipes 10 kgf / Sq.cm. 110 mm dia.	Rmt	273.73
425	M443	P.V.C. Pipes 10 kgf / Sq.cm. 50mm dia.	Rmt	88.98
426	M444	P.V.C. Pipes 10 kgf / Sq.cm. 75mm dia.	Rmt	160.17
427	M445	P.V.C. Pipes 10 kgf / Sq.cm. 20mm dia.	Rmt	22.03
428	M446	P.V.C. Pipes 10 kgf / Sq.cm. 25mm dia.	Rmt	31.36
429	M447	P.V.C. Pipes 10 kgf / Sq.cm. 32mm dia.	Rmt	39.83
430	M448	P.V.C. Pipes 10 kgf / Sq.cm. 40mm dia.	Rmt	59.32
431	M449	P.V.C. Pipes 6 kgf / Sq.cm. 110 mm dia.	Rmt	207.63
432	M450	P.V.C. Pipes 6 kgf / Sq.cm. 50mm dia.	Rmt	57.63
433	M451	P.V.C. Pipes 6 kgf / Sq.cm. 75mm dia.	Rmt	109.32
434	M452	P.V.C. Pipes 6 kgf / Sq.cm. 20mm dia.	Rmt	20.34
435	M453	P.V.C. Pipes 6 kgf / Sq.cm. 25mm dia.	Rmt	30.51
436	M454	P.V.C. Pipes 6 kgf / Sq.cm. 32mm dia.	Rmt	37.29
437	M455	P.V.C. Pipes 6 kgf / Sq.cm. 40mm dia.	Rmt	39.83
438	M456	Particle board sheet 12 mm thick	sq.m.	205.08
439	M457	Particle board sheet 19 mm thick	sq.m.	262.71
440	M458	Particle board sheet 25 mm thick	sq.m.	342.37
441	M459	Particle board sheet 35 mm thick	sq.m.	454.24
442	M460	Petrol	Litre	88
443	M461	Pillar tap 15mm dia	Each	261.86
444	M462	Pillar tap 20mm dia	Each	300.85
445	M463	Plain A.C. Sheet 6 mm thick	sq.m.	0
446	M464	Plain asbestos sheet 5mm thick	sq.m.	0
447	M465	Plain asbestos sheet 6mm thick	sq.m.	0
448	M466	Plain asbestos sheet 7mm thick	sq.m.	0
449	M467	Plain G.I. Sheet 1 mm thick	Quintal	4826.27
450	M468	Plain Glass sheet 3 mm thick	sq.m.	165.25
451	M469	Plain Glass sheet 4 mm thick	sq.m.	177.97
452	M470	Planks 30 mm thick Kail or equivalent soft wood	cu.dm.	21.19
453	M471	Planks 38 mm thick Kail or equivalent soft wood	cu.dm.	22.03
454	M472	Plastic Emulsion Paint	Litre	166.1

Sr.No	Code	Description	Unit	Rate
455	M473	Plate glass (Table glass) 5.5 mm with all edge polished .	sq.m.	300.85
456	M474	Plywood with both faces teak finished 12mm. thick	sq.m.	347.46
457	M475	Plywood with both faces teak finished 15mm. thick	sq.m.	415.25
458	M476	Plywood with both faces teak finished 18mm. thick	sq.m.	440.68
459	M477	Plywood with both faces teak finished 3mm. thick	sq.m.	169.49
460	M478	Plywood with both faces teak finished 4mm. thick	sq.m.	204.24
461	M479	Plywood with both faces teak finished 6mm. thick	sq.m.	182.2
462	M480	Plywood with both faces teak finished 8mm. thick	sq.m.	245.76
463	M481	Plywood designed with one side commercial and other side teak finished 12mm. thick	sq.m.	279.66
464	M482	Plywood designed with one side commercial and other side teak finished 15mm. thick	sq.m.	347.46
465	M483	Plywood designed with one side commercial and other side teak finished 18mm. thick	sq.m.	347.46
466	M484	Plywood designed with one side commercial and other side teak finished 6mm. thick	sq.m.	161.02
467	M485	Plywood designed with one side commercial and other side teak finished 8mm. thick	sq.m.	194.92
468	M486	Plywood sheet (both faces commercial) 3mm.	Rmt	127.12
469	M487	Plywood sheet (both faces commercial) 4mm.	Rmt	152.54
470	M488	Plywood sheet (both faces commercial) 6mm	Rmt	155.08
471	M489	Plywood sheet 9 mm thick (Commercial)	sq.m.	238.14
472	M490	Polished Kota Stone Slab Green. 25 mm thick	sq.m.	198.31
473	M491	Polished Kota Stone Slab Green. 30 mm thick	sq.m.	205.93
474	M492	Polished Kota Stone Slab Green. 40 mm thick	sq.m.	222.03
475	M493	Pre-cast Cement concrete tiles	sq.m.	75.42
476	M494	Precast RCC Jali 100 mm thick	sq.m.	174.58
477	M495	Precast RCC Jali 25 mm thick	sq.m.	111.02
478	M496	Precast RCC Jali 40 mm thick	sq.m.	127.12
479	M497	Precast RCC Jali 50 mm thick	sq.m.	134.75
480	M498	Precast RCC Jali 75 mm thick	sq.m.	158.47
481	M499	Pre-Moulded bituminous joint Filler 12mm size.	sq.m.	548.31
482	M500	Pre-Moulded bituminous joint Filler 20mm size	sq.m.	605.08
483	M501	Pre-Moulded bituminous joint Filler 25mm size	sq.m.	794.92
484	M502	Pulleys 25 mm dia.	Each	91.53
485	M503	Pulleys 38 mm dia.	Each	94.92
486	M504	Putty as per ISI specification for fixing glass on steel windows.	kg	33.9
487	M505	Quarry Spall.	cu.m.	119.7
488	M506	R.C.C Heavy Duty Non-Pressure pipe I.S. Class NP=2 150mm dia.	Rmt	101.69
489	M507	R.C.C Heavy Duty Non-Pressure pipe I.S. Class NP=2 250mm dia.	Rmt	148.31
490	M508	R.C.C Heavy Duty Non-Pressure pipe I.S. Class NP=2 300mm dia.	Rmt	381.36
491	M509	R.C.C Heavy Duty Non-Pressure pipe I.S. Class NP=2 1000mm dia.	Rmt	1516.95
492	M510	R.C.C Heavy Duty Non-Pressure pipe I.S. Class NP=2 450mm dia.	Rmt	635.59
493	M511	R.C.C Heavy Duty Non-Pressure pipe I.S. Class NP=2 500mm dia.	Rmt	762.71
494	M512	R.C.C Heavy Duty Non-Pressure pipe I.S. Class NP=2 900mm dia.	Rmt	1338.98
495	M513	R.C.C Heavy Duty Non-Pressure pipe I.S. Class NP=2 1100mm dia.	Rmt	1720.34
496	M514	R.C.C Heavy Duty Non-Pressure pipe I.S. Class NP=2 1200mm dia.	Rmt	1822.03
497	M515	R.C.C Heavy Duty Non-Pressure pipe I.S. Class NP=2 600mm dia.	Rmt	828.81
498	M516	R.C.C Heavy Duty Non-Pressure pipe I.S. Class NP=2 800mm dia.	Rmt	1228.81
499	M517	R.C.C Heavy Duty Non-Pressure Pipe I.S. Class NP=3 300mm dia.	Rmt	413.56
500	M518	R.C.C Heavy Duty Non-Pressure Pipe I.S. Class NP=3 450mm dia.	Rmt	800.85
501	M519	R.C.C Heavy Duty Non-Pressure Pipe I.S. Class NP=3 900mm dia.	Rmt	2559.32
502	M520	R.C.C Heavy Duty Non-Pressure Pipe I.S. Class NP=3 600mm dia.	Rmt	1398.31
503	M521	R.C.C Heavy Duty Non-Pressure Pipe I.S. Class NP=3 800mm dia.	Rmt	1894.92
504	M522	R.C.C Heavy Duty Non-Pressure Pipe I.S. Class NP=3 1100mm dia.	Rmt	3550.85
505	M523	R.C.C Heavy Duty Non-Pressure Pipe I.S. Class NP=3 1200mm dia.	Rmt	4245.76
506	M524	R.C.C Heavy Duty Non-Pressure Pipe I.S. Class NP=3 1400mm dia.	Rmt	5771.19
507	M525	R.C.C Heavy Duty Non-Pressure Pipe I.S. Class NP=3 1600mm dia.	Rmt	7500

Sr.No	Code	Description	Unit	Rate
508	M526	R.C.C Heavy Duty Non-Pressure Pipe I.S. Class NP=3 1800mm dia.	Rmt	8711.86
509	M527	Rajula Stone	Each	65.25
510	M528	Ready mixed Red Lead Paint	Litre	72.03
511	M529	Red Flag	Each	14.29
512	M530	Residual Bitumen	MT	35593.22
513	M531	RList Preventivet (Polymer Base)	kg	190.68
514	M532	RList Remover Com Primer (Polymer Base)	Litre	220.34
515	M533	Rolling shutter Rolling shutter having width below 3.5mt.	sq.m.	1905.08
516	M534	Rolling shutter Rolling shutter of G.I. sheet any size grill	sq.m.	1186.44
517	M535	Rolling shutters having width Above 3.5 Mt.	sq.m.	2514.41
518	M536	Resin (0.5kg Pkt.)	kg	80.51
519	M537	Rough Kotach stone Slab. 25 mm thick	sq.m.	146.61
520	M538	Rough Kotach stone Slab. 40 mm thick	sq.m.	198.31
521	M539	Rubber Plug	Each	12.71
522	M540	Rubble	cu.m.	210.9
523	M541	Rubble (Heavy) at not Less than 40 kg.	cu.m.	234
524	M542	S.W. Gulley Trap 150mm x 100 mm size.	Each	54.24
525	M543	S.W. guly trap 100 x 100 mm size	Each	36.44
526	M544	Salt natural	kg	9
527	M545	Sand paper 100Nos size	Doz.	33.9
528	M546	Sand paper 50 Nos. size	Doz.	30.51
529	M547	Sand paper 80Nos size	Doz.	30.51
530	M548	Screened gravel 10mm size	cu.m.	210
531	M549	Screened gravel 12mm size	cu.m.	225
532	M550	Sheet glass ordinary quality 3 mm thick	sq.m.	144.07
533	M551	Sheet glass ordinary quality 4 mm thick	sq.m.	152.54
534	M552	Sheet glass ordinary quality 5 mm thick	sq.m.	211.86
535	M553	Sheet glass ordinary quality 6 mm thick	sq.m.	237.29
536	M554	Shellac	kg	46.61
537	M555	Soft Brush.	Each	30.51
538	M556	Soft brushes 100 mm size	Each	211.86
539	M557	Soft brushes 20 mm size	Each	57.63
540	M558	Soft brushes 25 mm size	Each	64.41
541	M559	Soft brushes 40 mm size	Each	80.51
542	M560	Soft brushes 50mm size	Each	118.64
543	M561	Soft brushes 75 mm size	Each	161.02
544	M562	Spirit	Litre	43.22
545	M563	Spun Yarn	kg	45.71
546	M564	Standard shoe 100 mm dia	Each	23.73
547	M565	Standard shoe 80 mm dia	Each	21.19
548	M566	Stone dust	cu.m.	149.63
549	M567	Stone Slab 100mm thickness	sq.m.	262.71
550	M568	Stone ware pipes 100mm dia. 60cm. Long	Each	29.66
551	M569	Stone ware pipes 150mm dia. 60cm. Long	Each	42.37
552	M570	Structual steel M.S. Channel joints Tee Gusset Plate etc.	Quintal	3811.02
553	M571	Synthetic Enamel Paint	Litre	151.69
554	M572	T.Iron Bracket 40 mm x 40 mm x 6 mm	Quintal	3976.27
555	M573	T.M.T. Bars Fe- 415	Quintal	5088
556	M574	Taper G.S.W. Bend 100mm x 150mm	Each	61.86
557	M575	Terrazo tiles chequered Dark Shade 22mm thick	sq.m.	105.93
558	M576	Terrazo tiles chequered Light shade 22mm thick	sq.m.	97.46
559	M577	Terrazo tiles chequered Dark shade 28 mm thick	sq.m.	88.98
560	M578	Terrazo tiles chequered Light shade 28 mm thick	sq.m.	84.75
561	M579	Terrazo tiles Dark shade 20 mm thick	sq.m.	114.41
562	M580	Terrazo tiles Light shade 20 mm thick	sq.m.	110.17
563	M581	Terrazzo tiles grey cement base. Dark shade 20mm. thick	sq.m.	127.12
564	M582	Terrazzo tiles grey cement base. Light shade 20mm. thick	sq.m.	144.07
565	M583	Terrazzo tiles white cement base Dark shade 20mm thick	sq.m.	233.05

Sr.No	Code	Description	Unit	Rate
566	M584	Terrazzo tiles white cement base Light shade 20mm thick	sq.m.	190.68
567	M585	Thick Wire Brushes	Each	61.9
568	M586	Through & Bond Stone	Each	21.9
569	M587	Towel Rail Pair of C.P. Brass Brackets 60mm x 20mm	Each	316.96
570	M588	Turpentine	Litre	39.83
571	M589	Unscreened gravel	cu.m.	160
572	M590	Unslaked Lime	Quintal	161.9
573	M591	Urinal Flat Back	Each	370.34
574	M592	Urinal Ladies squatting pan	Each	572.03
575	M593	Urinal Squatting type	Each	424.58
576	M594	Urinal Stall type full size	Each	1525.42
577	M595	Urinal Stall type half size	Each	1101.69
578	M596	Varnish	Litre	61.02
579	M597	Vegetable black (Kajali) (0.5kg.Pkt.)	Pkt.	65
580	M598	Vision panel for Door	Each	28.81
581	M599	Vitryfied Granite tiles 8 mm to 10 m thick 24 x 24 size Dark Shade	sq.m.	296.61
582	M600	Vitryfied Granite tiles 8 mm to 10 m thick 36 x 36 size	sq.m.	635.59
583	M601	W.C. pipe 2m long 75 mm. dia	Each	0
584	M602	Waste Pipe for Wash basin C.P. 32 mm dia	Each	52.54
585	M603	Waste Pipe for Wash basin C.P. 40 mm dia	Each	69.49
586	M604	Water proofing materials Omaiseal of Bitumen base in semin-liquid form (cold applied)	Litre	67.8
587	M605	Water proofing materials of std. make in powder form	kg	5.34
588	M606	Water proofing materials Omaiseal for filling joints of C.I. Pipes .	kg	262.71
589	M607	Water proofing materials Omaiseal for filling joints of C.I. Pipes. Epoxy base	kg	432.2
590	M608	Water Proofing Cement Paint	kg	28.81
591	M609	Water proofing material heasion base self finish tar felt roll	sq.m.	46.61
592	M610	Water proofing materials	kg	36.44
593	M611	Water proofing materials of polyarethine on Aromatic Base	kg	317.8
594	M612	Water proofing materials of polyarethine on Elepantic base	kg	457.63
595	M613	Water proofing materials silicon baseWater repellent compund	Litre	207.63
596	M614	Welding Charge	Rmt	508.47
597	M615	White Bela stone (size to be measured)	No	30
598	M616	White Cement	MT	27343.75
599	M617	White Lime ( White washing)	Quintal	400
600	M618	White Paint	Litre	147.46
601	M619	White vitriour china Wash down W.C. (European)	Each	1694.92
602	M620	White vitrious china 100mm 'P' or 'S' trap	Each	73.73
603	M621	White vitrious china foot rest for W.C.	Pair	54.24
604	M622	White vitrious China Sink 600mm x 450mm x 150mm	Each	1233.05
605	M623	White vitrious ching W.C. sqatting pan (India type)	Each	1271.19
606	M624	White vitrious ching W.C. sqatting pan Anglo Indian	Each	1313.56
607	M625	White vitrious ching W.C. sqatting pan European type	Each	501.69
608	M626	White vitrious ching W.C. sqatting pan Orrisa type 580 x 400 size	Each	677.97
609	M627	White Zinc powder (Zinc oxide)	kg	93.22
610	M628	White glazed tiles 15cm x 15cm x 6cm.	10 Each	54.24
611	M629	Whiting chalk	kg	5.27
612	M630	Wire Gauge Jali of 0.56 mm	sq.m.	136.44
613	M631	Wire Gauge Jali of 0.71 mm	sq.m.	174.58
614	M632	Wire spring grade No. 2 for Rolling Shutter 27.5 CM long	Each	542.37
615	M633	Wired figured glass 6.4 mm thick	sq.m.	310.17
616	M634	Wooden peg	Each	0.85
617	M635	Yellow clay (Italian type)	kg	8.57
618	M636	Iron Angle 75 x 75 x 6mm	kg	50.85
619	M637	Iron Angle for stand & frame	kg	42.37
620	M638	Surfacing gray coat process (Board)	sq.m.	16.95
621	M639	Retro reflective process (Board) (Eng. Grade)	sq.m.	25.42

Sr.No	Code	Description	Unit	Rate
622	M640	Screen Printing / Art work process (Board) (Eng.)	sq.m.	33.9
623	M641	Packing Forwarding and Transportation (No-Leg)	L.S	423.73
624	M642	Retro reflective precess (Board) (Hi-Intensity)	sq.m.	262.71
625	M643	Alluminium Sheet 2mm Thick	KGS.	114.41
626	M644	Dozer 80 HP with attachment	Hour	2203.39
627	M645	Fixing Charges	cu.m.	12.71
628	M646	Whiting	kg	5.27
629	M647	Precast Concrete Blocks (1:3:6) (39 X 20 X 19 CMS)	100 each	1916.1
630	M648	Flat iron bracket with bolts nuts bitumen & G	Each	90.68
631	M649	Teak reaper	Rmt	6.99
632	M650	MS Flat iron bracket	Each	31.36
633	M651	Plastic roofing compound	kg	13.56
634	M652	Nails 50mm long	kg	22.03
635	M653	C.I rainwater pipe 75mm dia.	Rmt	166.1
636	M654	Sand rainwater pipe 75mm dia.	Rmt	194.92
637	M655	Steel Plate & Angle	MT	38110.17
638	M656	Winch	Each	29754.24
639	M657	Chisel	Each	19491.53
640	M658	Sluge pump (Roller)	Each	153813.56
641	M659	Tubes	Set	15381.36
642	M660	Tripod & Wirerope	Set	123050.85
643	M661	Trimie pipe and Misc. Cassing	Set	97415.25
644	M662	Sheathing pipe 42mm St. of 7mm	Rmt	32.2
645	M663	C.I. Pipe 100mm Dia	Rmt	1169.49
646	M664	G.I. Pipe 100mm Dia	Rmt	677.97
647	M665	G.I. Pipe 50mm Dia A- Class	Rmt	279.66
648	M666	G.I. Pipe 40mm Dia A - Class	Rmt	254.24
649	M667	G.I. Coupling 50mm Dia A- Class	Rmt	80.51
650	M668	G.I. Coupling 40mm Dia A - Class	Rmt	40.68
651	M669	Hollow concrete blocks (Size 39 x 9 x 19 cms)	Each	15.25
652	M670	Hollow concrete blocks (Size 39 x 14 x 9 cms)	Each	19.49
653	M671	Hollow concrete blocks (Size 39 x 14 x 19 cms)	Each	22.46
654	M672	Pegs	Each	1.69
655	M673	Water Tanker 6 kl capacity	Hour	169.49
656	M674	R.S. Joists 350 x 200 x 6 @ 56.9 kg.	Quintal	3811.02
657	M675	12mm thick M.S. plate	Quintal	3811.02
658	M676	16mm Dia. rivets	Quintal	2796.61
659	M677	Principal rafter 100 x 100 x 10	Quintal	2796.61
660	M678	Gusset plate	Quintal	3811.02
661	M679	Ties (Flat)	Quintal	2796.61
662	M680	20mm holding down bolt	Quintal	2796.61
663	M681	M.S. Channel	Quintal	3811.02
664	M682	M.S Tee	Quintal	3811.02
665	M683	Flat iron diagonal 20 x 5mm	Quintal	4322.03
666	M684	Angle iron 40 x 40 x 6	Quintal	3811.02
667	M685	M.S. Angel	kg	39.62
668	M686	Alluminium section any size, powder coated	kg	169.49
669	M687	Alluminium section any size, anodized	kg	29.66
670	M688	Rubber gasket for glass beading	Rmt	7.63
671	M689	TMT Bar FE 500 D	Quintal	5942
672	M690	Vitrified Granite tiles 8 mm to 10 m thick 24" x 24 " size Antiskid	Sqm	411.02
673	M691	Vitrified Granite tiles 8 mm to 10 m thick 24" x 24 " size Light Shade	Sqm	310.17
674	M692	Weather proof acrylic exterior emulsion paint	Ltr	166.1
675	M693	R.C.C Heavy Duty Non-Pressure Pipe I.S.Class NP=4 300mm dia.	Meter	508.47
676	M694	R.C.C Heavy Duty Non-Pressure Pipe I.S.Class NP=4 450mm dia.	Meter	805.08
677	M695	R.C.C Heavy Duty Non-Pressure Pipe I.S.Class NP=4 600mm dia	Meter	1627.12

Sr.No	Code	Description	Unit	Rate
678	M696	R.C.C Heavy Duty Non-Pressure Pipe I.S.Class NP=4 900mm dia	Meter	2872.88
679	M697	R.C.C Heavy Duty Non-Pressure Pipe I.S.Class NP=4 1000mm dia	Meter	3372.88
680	M698	R.C.C Heavy Duty Non-Pressure Pipe I.S.Class NP=4 1200mm dia	Meter	5186.44
681	M699	R.C.C Heavy Duty Non-Pressure Pipe I.S.Class NP=4 1400mm dia	Meter	6186.44
682	M700	R.C.C Heavy Duty Non-Pressure Pipe I.S.Class NP=4 1600mm dia	Meter	8644.07
683	M701	R.C.C Heavy Duty Non-Pressure Pipe I.S.Class NP=4 1800mm dia	Meter	10932.2
684	M702	Glass bricks 19 x 19 x10 Cm	No.	83.05
685	M703	Glass Bricks 19 x 19 x8 Cm	No.	79.66
686	M704	Floor spring heavy duty	No.	1800.85
687	M705	S.S. Stopper 60 Cm long of ASIS 304	No.	360.17
688	M706	S.S. Stopper 30 Cm long of ASIS 304	No.	180.51
689	M707	S.S. Stopper 20 Cm long of ASIS 304	No.	126.27
690	M708	S.S. Aldrop 20 Cm long of ASIS 304 Grade	No.	216.1
691	M709	S.S. Aldrop 25 Cm long of ASIS 304 Grade	No.	324.58
692	M710	S.S. Aldrop 30 Cm long of ASIS 304 Grade	No.	396.61
693	M711	S.S. Handle for door/ window 10 Cm size of ASIS 304 Grade	No.	54.24
694	M712	S.S. Handle for Door 15 Cm size of ASIS 304 Grade	No.	75.42
695	M713	S.S. Pipe Handle for door 30 Cm size o ASIS 316 Grade	No.	864.41
696	M714	S.S. Railing pipe 50 mm x 16 G ASIS 304 Grade	Rmt	1004.24
697	M715	S.S. Rialing Sq pipe 32x32 mm x 16G ASIS 304 Grade	Rmt	454.24
698	M716	S.S. Railing pipe 16 mm x 16G ASIS 304 Grade	Rmt	366.1
699	M717	C.P. Pillar cock 15 mm Heavy duty swan neck	No.	641.53
700	M718	C.P. Angle stop cock 15 mm Heavy duty with cap	No.	403.39
701	M719	C.P. Bib cock 15 mm Heavy duty with cap	No.	396.61
702	M720	Concealed cock 15 mm Heavy duty with cap	No.	486.44
703	M721	Glass 12 mm thick	Sqmtr	677.97
704	M722	Glass 10 mm thick	Sqmtr	593.22
705	M723	Glass 8 mm thick	Sqmtr	466.1
706	M724	Labour Charges half round edge for Granite	Rmt	85
707	M725	Labour Charges Quarter round edge for granite	Rmt	51
708	M726	Labour Charges edge finished for Granite	Rmt	43
709	M727	Labour Charges half round edge for Kota/Marble	Rmt	51
710	M728	Labour charges quarter round edge for Kota/ Marble	Rmt	34
711	M729	SS Sink Glosy ASIS 304 Grade x 1mm thick with over all size 610x460 mm & bowl size 560x410x200	No.	1525.42
712	M730	SS Sink Glosy ASIS 304 Grade x 1mm thick with over all size 510x432mm & bowl size 445x368x190	No.	1016.95
713	M731	SS Sink Glosy ASIS 304 Grade x 1mm thick with over all size 485x410 mm & bowl size 410x365x165	No.	889.83
714	M732	Alluminium Composite pannel 3 mm thick	Sqmtr	648.31
715	M733	Alluminium Composite Pannel 4 mm thick	Sqmtr	720.34
716	M734	Multy wall pycarbonate sheet 6 mm thick	Sqmtr	915.25
717	M735	S.S. Door / window hinges 4x1"x1"	No.	54.24
718	M736	S.S. Door / Window hinges 4x3/4"x3/4"	No.	22.03
719	M737	S.S. Door / Window hinges 3x3/4"x3/4"	No.	17.8
720	M738	Jet spray heavy duty with S.S. Braided hose 60 cm long	No.	305.93
721	M739	Health Fauset Heavy duty with hook with fitting	No.	576.27
722	M740	Precast concrete block of C.C.1:3:6	100 Nos.	1916.1
723	M741	Alluminium fixtures and fstenings.	No.	149.15
724	M742	Iron fixtures and fstenings.	No.	66.1
725	M743	35 mm thick shutters	Cu.Dm.	36.44
726	M744	Tiles size 15 cm x 15 cm (Glazed)	10 Nos.	54.24
727	M745	Flat iron bracket with nuts, bolts, bitumen and G.I. Washers.	Each	90.68
728	M746	M.S. flat iron bracket	Each	31.36
729	M747	Plastic proofing compound.	Kg.	13.56
730	M748	Teak reaper	Meter.	6.99
731	M749	Nails 50 mm long.	Kg.	22.03
732	M750	C.I.75 mm diameter rain water pipe	Rmt.	166.1

Sr.No	Code	Description	Unit	Rate
733	M751	Whiting cholk	Kg.	5.27
734	M752	Flatting varnish	Liter	66.95
735	M753	Insecticides.	Liter	261.86
736	M754	Aeronex powder	Kg.	11.86
737	M755	D.D.V.P.	Liter	229.66
738	M756	Heptachlor	Liter	229.66
739	M757	Melethione	Liter	229.66
740	M758	Acetone	Liter	229.66
741	M759	Pags	Each	2
742	M760	Galvanised M.S. Tee	Each	127.12
743	M761	Galvanised M.S. 5 mm nut.	Each	23.73
744	M762	A.C. rain water pipe 75 mm diameter (1.8 meter long)	Rmt.	22.03
745	M763	A.C. rain water pipe 100 mm diameter (1.8 meter long)	Rmt.	25.42
746	M764	M.S. iron bracket	Each	20.34
747	M765	G.I. inlet connection	Each	11.86
748	M766	Brass screw down stop tap 20 mm dia	Each	172.88
749	M767	Brass screw down stop tap 25 mm dia	Each	187.29
750	M768	Gun metal wheel valve (i) 15 mm diameter.	Each	158.47
751	M769	Gun metal wheel valve (i) 20 mm diameter.	Each	172.88
752	M770	Gun metal wheel valve (i) 35 mm diameter.	Each	266.95
753	M771	Chromium plated 20 mm diameter half turn flush cock.	Each	216.1
754	M772	Chromium plated 25 mm diameter half turn flush cock.	Each	223.73
755	M773	Chromium plated 32 mm diameter half turn flush cock.	Each	233.9
756	M774	Cromium plated bottle trap.	Each	250.89
757	M775	Ball cock of copper 25 mm diameter	Each	112.71
758	M776	Ball cock of copper 50 mm diameter	Each	161.02
759	M777	Ball cock of abonite 25 mm diameter	Each	87.29
760	M778	Ball cock of abonite 50 mm diameter	Each	116.95
761	M779	Gully trap 100mm x 100 mm size.	Each	36.44
762	M780	I.S. Class NP2 Heavy duty Non- Pressure Pipe (i) 250 mm diameter	Rmt.	233.05
763	M781	1.80 mm thick FRP sheet	Sqmtr	216.1
764	M782	Plywood all proof ( IS 710 ) 6 mm	Sqmtr	288.14
765	M783	Plywood all proof ( IS 710 ) 8/9 mm	Sqmtr	338.98
766	M784	Plywood all proof ( IS 710 ) 12 mm	Sqmtr	381.36
767	M785	Plywood all proof ( IS 710 ) 16 mm	Sqmtr	508.47
768	M786	Plywood all proof ( IS 710 ) 18/19 mm	Sqmtr	593.22
769	M787	Laminated sheet 0.80 mm thick	Sqmtr	169.49
770	M788	Laminated sheet 1.00 mm thick	Sqmtr	296.61
771	M789	CPVC Pipe SDR 13.5 - 15 mm daimeter (1/2)"	Rmt	38.98
772	M790	CPVC Pipe SDR 13.5 - 20 mm daimeter (3/4)"	Rmt	61.86
773	M791	CPVC Pipe SDR 13.5 - 25 mm daimeter (1)"	Rmt	85.59
774	M792	CPVC Pipe SDR 13.5 - 32 mm daimeter (1 1/4)"	Rmt	126.27
775	M793	CPVC Pipe SDR 13.5 - 40 mm daimeter (1 1/2)"	Rmt	172.88
776	M794	CPVC Pipe SDR 13.5 - 50 mm daimeter	Rmt	283.9
777	M795	CPVC Pipe jointing solution 50 ml	each	38.98
778	M796	U PVC SCH40 for cold water 15 mm dia(1/2)"	Rmt	21.19
779	M797	U PVC SCH40 for cold water 20 mm dia (3/4)"	Rmt	27.12
780	M798	U PVC SCH40 for cold water 25 mm dia (1)"	Rmt	42.37
781	M799	U PVC SCH40 for cold water 32 mm dia (1 1/4)"	Rmt	55.08
782	M800	U PVC SCH40 for cold water 40 mm dia (1 1/2)"	Rmt	69.49
783	M801	U PVC SCH40 for cold water 50 mm dia (2)"	Rmt	94.92
784	M802	UPVC Pipe jointing solution 50 ml	each	66.1
785	M803	PVC SWR pipes IS 13592 for Drain - 75 mmdia	Rmt	143.22
786	M804	PVC SWR pipes IS 13592 for Drain - 90 mmdia	Rmt	201.69
787	M805	PVC SWR pipes IS 13592 for Drain - 110 mmdia	Rmt	262.71
788	M806	PVC SWR pipes IS 13592 for Drain - 160 mmdia	Rmt	510.17
789	M807	PVC SWR Nani Trap IS 14735 for Drain -75 mm dia with jali	No	67.8
790	M808	PVC SWR Nani Trap IS 14735 for Drain -100 mm dia with jali	No	74.58



Sr.No	Code	Description	Unit	Rate
791	M809	PVC SWR P- Trap IS 14735 for Drain -110x110	No	157.63
792	M810	PVC SWR P- Trap IS 14735 for Drain -125x110	No	187.29
793	M811	PVC SWR S- Trap IS 14735 for Drain -110x110	No	277.97
794	M812	PVC SWR S- Trap IS 14735 for Drain -125x110	No	295.76
795	M813	PVC SWR Single Y" - 75 mm dia"	No	57.63
796	M814	PVC SWR Single Y" -110 mm dia"	No	110.17
797	M815	PVC SWR Double Y" - 75 mm dia"	No	83.05
798	M816	PVC SWR Double Y" -110 mm dia"	No	146.61
799	M817	PVC SWR Single T" - 75 mm dia"	No	48.31
800	M818	PVC SWR Single T" -110 mm dia"	No	88.14
801	M819	PVC SWR Gully Trap 160 x 110	No	286.44
802	M820	PVC SWR Single Y" - 75 mm dia With Door"	No	76.27
803	M821	PVC SWR Single Y" -110 mm dia With Door"	No	136.44
804	M822	PVC SWR Double Y" - 75 mm dia With Door"	No	105.93
805	M823	PVC SWR Double Y" -110 mm dia With Door"	No	172.88
806	M824	PVC SWR Single T" - 75 mm dia With Door"	No	58.47
807	M825	PVC SWR Single T" -110 mm dia With Door"	No	108.47
808	M826	PVC SWR Reducer 110 x 75	No	43.22
809	M827	PVC SWR Piipe clamp 75 mm	No	8.47
810	M828	PVC SWR Piipe clamp 110 mm	No	12.71
811	M829	PVC SWR Piipe Bend 87.5 degree with door for 75 mm diameter	No	37.29
812	M830	PVC SWR Piipe Bend 87.5 degree with door for 90 mm diameter	No	55.93
813	M831	PVC SWR Piipe Bend 87.5 degree with door for 110 mm diameter	No	61.86
814	M832	PVC SWR WC Connector 110 mm	No	127.12
815	M833	PVC SWR LIP RING 110 X 110	No	22.88
816	M834	PVC SWR LIP RING 110 X 125	No	27.97
817	M835	PVC SWR Vent Cowl 75 mm dia	No	9.32
818	M836	PVC SWR Vent Cowl 110 mm dia	No	19.49
819	M837	PVC SWR Coupler 75 mm dia	No	27.97
820	M838	PVC SWR Coupler 110 mm dia	No	44.92
821	M839	PVC SWR Piipe Bend 45 degree 75 mm dia	No	31.36
822	M840	PVC SWR Piipe Bend 45 degree 110 mm dia	No	58.47
823	M841	R.C.C Heavy Duty Non-Pressure Pipe I.S. Class NP=3 casted by Vertically Vibrated Technology -300mm dia.	Rmt	552.54
824	M842	R.C.C Heavy Duty Non-Pressure Pipe I.S. Class NP=3 casted by Vertically Vibrated Technology -450mm dia.	Rmt	847.46
825	M843	R.C.C Heavy Duty Non-Pressure Pipe I.S. Class NP=3 casted by Vertically Vibrated Technology -500mm dia.	Rmt	1059.32
826	M844	R.C.C Heavy Duty Non-Pressure Pipe I.S. Class NP=3 casted by Vertically Vibrated Technology -600mm dia.	Rmt	1144.07
827	M845	R.C.C Heavy Duty Non-Pressure Pipe I.S. Class NP=3 casted by Vertically Vibrated Technology -900mm dia.	Rmt	2004.24
828	M846	R.C.C Heavy Duty Non-Pressure Pipe I.S. Class NP=3 casted by Vertically Vibrated Technology -1000mm dia.	Rmt	3605.93
829	M847	R.C.C Heavy Duty Non-Pressure Pipe I.S. Class NP=3 casted by Vertically Vibrated Technology -1200mm dia.	Rmt	4915.25
830	M848	R.C.C Heavy Duty Non-Pressure Pipe I.S. Class NP=3 casted by Vertically Vibrated Technology -1400mm dia.	Rmt	5889.83
831	M849	R.C.C Heavy Duty Non-Pressure Pipe I.S. Class NP=4 casted by Vertically Vibrated Technology -300mm dia.	Rmt	516.95
832	M850	R.C.C Heavy Duty Non-Pressure Pipe I.S. Class NP=4 casted by Vertically Vibrated Technology -450mm dia.	Rmt	1004.24
833	M851	R.C.C Heavy Duty Non-Pressure Pipe I.S. Class NP=4 casted by Vertically Vibrated Technology -500mm dia.	Rmt	1283.9
834	M852	R.C.C Heavy Duty Non-Pressure Pipe I.S. Class NP=4 casted by Vertically Vibrated Technology -600mm dia.	Rmt	1881.36
835	M853	R.C.C Heavy Duty Non-Pressure Pipe I.S. Class NP=4 casted by Vertically Vibrated Technology -900mm dia.	Rmt	3559.32

Sr.No	Code	Description	Unit	Rate
836	M854	R.C.C Heavy Duty Non-Pressure Pipe I.S. Class NP=4 casted by Vertically Vibrated Technology -1000mm dia.	Rmt	4377.12
837	M855	R.C.C Heavy Duty Non-Pressure Pipe I.S. Class NP=4 casted by Vertically Vibrated Technology -1200mm dia.	Rmt	6101.69
838	M856	R.C.C Heavy Duty Non-Pressure Pipe I.S. Class NP=4 casted by Vertically Vibrated Technology -1400mm dia.	Rmt	8250
839	M857	Vitryfied tiles 8 mm to 10 m thick 600 X600 MM size Light shed	sq.m.	254.24
840	M858	Anodised to Alluminium section	kg	36.44
841	M859	Darkshed pigment	kg	64.41
842	M860	Belt clamp 80mm	Each	11.02
843	M861	Belt clamp 100mm	Each	15.25
844	M862	Off-set 75 mm - 80 mm dia	Each	17.8
845	M863	G.S.W. bend 150 mm	Each	50.85
846	M864	Anodised Aluminum Butt hinges 75 mm x63 mm x 3.2 mm	10 Each	133.05
847	M865	R.C.C Heavy Duty Non-Pressure pipe I.S.Class NP=2 750mm dia.	Rmt	1186.44
848	M866	R.C.C Heavy Duty Non-Pressure Pipe I.S.Class NP=3 900mm dia.	Rmt	2333.9
849	M867	Brick bats 20mm	cu.m.	136.61
850	M868	D D V P	Litre	229.66
851	M869	Heptachlor	Litre	229.66
852	M870	Melethione	Litre	229.66
853	M871	Acetone	Litre	229.66
854	M872	Pre-Moulded Asphalt joint Filler 20mm size	Rmt	605.08
855	M873	100 mm thick SIL FLEX (Capcell HD 100) expansion joint filler board in sheet foam	sqm	25.42
856	M874	Hydrocell XL semi rigid UV resistance high performance laminated closed cell polythene foam joint filler in sheet foam	sqm	25.42
857	M875	Expansion joint sealing System on 100 mm Wide	sqm	4067.8
858	M876	Polysulphide material density of material 1650 Kg/m3	Kg	379.66
859	M877	PU foam expancell.	Rmt	27.12
860	M878	4mm thick exterior composite panel	sqm	847.46
861	M879	Anodized Alluminium Groove member For top fix glass. Sec:4431	Kg	211.86
862	M880	Powder coated Alluminium Groove member For top fix glass.Sec:4431	Kg	211.86
863	M881	Anodized Alluminium Horizontal four track Section :8787, 122.20 x 31.75 x 1.10 mm @ Wt. 1.205 Kg/mt	Kg	211.86
864	M882	Powder coated Alluminium Horizontal four track Section :8787, 122.20 x 31.75 x 1.10 mm @ Wt. 1.205 Kg/mt	Kg	211.86
865	M883	Anodized Alluminium Horizontal Shutter Section 8947, 40.00 x 18.00 x 1.29 mm @ Wt. 0.456 Kg/mt	Kg	211.86
866	M884	Anodized Alluminium Horizontal three track Section :92mm x 31.75mm x 1.30mm (of Jindal Section no:8688,@ Wt. 1.07 Kg/mt)	Kg	211.86
867	M885	Powder coated Alluminium Horizontal three track Section :92mm x 31.75mm x 1.30mm (of Jindal Section no:8688,@ Wt. 1.07 Kg/mt)	Kg	211.86
868	M886	Anodized Alluminium Horizontal Two track Section :8687, 61.85 x 31.75 x 1.20 mm @ Wt. 0.695 Kg/mt	Kg	211.86
869	M887	Powder coated Alluminium Horizontal Two track Section :8687, 61.85 x 31.75 x 1.20 mm @ Wt. 0.695 Kg/mt	Kg	211.86
870	M888	Anodized Alluminium Vertical four track Section :8935, 122.20 x 31.75 x 1.50 mm @ Wt. 1.398 Kg/mt	Kg	211.86
871	M889	Powder coated Alluminium Vertical four track Section :8935, 122.20 x 31.75 x 1.50 mm @ Wt. 1.398 Kg/mt	Kg	211.86
872	M890	Anodized Alluminium Vertical Shutter Section 8949, 40.00 x 18.00 x 1.29 mm @ Wt. 0.456 Kg/mt	Kg	211.86
873	M891	Powder coated Alluminium Vertical Shutter Section 8949, 40.00 x 18.00 x 1.29 mm @ Wt. 0.456 Kg/mt	Kg	211.86
874	M892	Anodized Alluminium Vertical Shutter Section 8948, 40.00 x 18.00 x 1.29 mm @ Wt. 0.547 Kg/mt	Kg	211.86

Sr.No	Code	Description	Unit	Rate
875	M893	Powder coated Alluminium Vertical Shutter Section 8948, 40.00 x 18.00 x 1.29 mm @ Wt. 0.547 Kg/mt	Kg	211.86
876	M894	Anodized Alluminium Vertical three track Section :92mm x 31.75mm x 1.50mm (of Jindal Section no:8933,@ Wt. 1.06 Kg/mt)	Kg	211.86
877	M895	Powder coated Alluminium Vertical three track Section :92mm x 31.75mm x 1.50mm (of Jindal Section no:8933,@ Wt. 1.06 Kg/mt)	Kg	211.86
878	M896	Anodized Alluminium Vertical Shutter Section 8947, 40.00 x 18.00 x 1.29 mm @ Wt. 0.456 Kg/mt	Kg	211.86
879	M897	Powder coated Alluminium Vertical Shutter Section 8947, 40.00 x 18.00 x 1.29 mm @ Wt. 0.456 Kg/mt	Kg	211.86
880	M898	Anodized Alluminium Vertical Two track Section :8758, 61.85 x 31.75 x 1.30 mm @ Wt. 0.659 Kg/mt	Kg	211.86
881	M899	Powder coated Alluminium Vertical Two track Section :8758, 61.85 x 31.75 x 1.30 mm @ Wt. 0.659 Kg/mt	Kg	211.86
882	M900	Anodized Aluminium , Section :2443, 127.00 x 38.10 x 1.35 mm @ Wt.1.384 Kg/mt	Kg	211.86
883	M901	Powder coated Alluminium Section :2443, 127.00 x 38.10 x 1.35 mm @ Wt.1.384 Kg/mt	Kg	211.86
884	M902	Anodized Alluminium 95mm x 24mm x 1.17mm (of Jindal Section no:2459 @ wt.of 0.738Kg/mt)	Kg	211.86
885	M903	Powder coated Alluminium 95mm x 24mm x 1.17mm (of Jindal Section no:2459 @ wt.of 0.738Kg/mt)	Kg	211.86
886	M904	Anodized Alluminium Section 63.50 x 38.10 x 1.2 mm @ Wt. 0.643 Kg/mt	Kg	211.86
887	M905	Powder coated Alluminium Section 63.50 x 38.10 x 1.2 mm @ Wt. 0.643 Kg/mt	Kg	211.86
888	M906	Beading clips Size 19.00 x 17.30 x 0.90 mm @ Wt. 0.124 Kg/mt.	Kg	211.86
889	M907	Pre-cast kerb block M250 Grade	Rmt.	169.49
890	M908	Paver block M200 Grade 60mm Thick	sqm	330.51
891	M910	Paver block M250 Grade 60mm Thick	sqm	377.12
892	M911	Glized tiles piece wastege.	sqm	63.56
893	M912	Polycarbonate multi wall Roofing sheet	sqm	915.25
894	M913	Hardware material hilti screw and rubber silicon sealer and alluminium strip of size 50 x 3 mm	sqm	307.75
895	M914	Birla or Asian acrylic lapy ( putty)	sqm	18.24
896	M915	wall primer of approved brand	sqm	16.36
897	M916	PVC water tank	litre	3.18
898	M917	Plasticizer 300 ml of 50 kg cement	liter	25.42
899	M918	Sunext 8 (3 coat)	sqmr.	17.8
900	M919	1. 12 mm thick CAPCELL HD - 100 pre-moulded compressible filler board	sqm	254.24
901	M920	1. 20 mm thick CAPCELL HD - 100 pre-moulded compressible filler board	sqm	423.73
902	M921	1. 40 mm thick CAPCELL HD - 100 pre-moulded compressible filler board	sqm	847.46
903	M922	1. 12mm x 10 mm sealant for 12 mm thick pre-moulded compressible filler board	kg	394.07
904	M923	1. 20mm x 10 mm sealant for 20 mm thick pre-moulded compressible filler board	kg	394.07
905	M924	Aerated light weight concrete block 600 x 200 x 200 mm	Nos.	75.25
906	M925	1. 15 mm diametre backup rod	m	5.72
907	M926	1. 20 mm diametre backup rod	m	9.53
908	M927	1. 30 mm diametre backup rod	m	11.44
909	M928	1. 50 mm diametre backup rod	m	38.14
910	M929	1. 60 mm diametre backup rod	m	50.85
911	M930	PPGI Sheet ( 0.5 mm Thk) (100+100+10 wt. of 0.82425 per no.)	Nos.	63.56
912	M931	PPGI Sheet ( 0.5 mm Thk) (150+150+10 wt. of 1.21675 per no.)	Nos.	63.56
913	M932	1. 15 mm diameter CPVC (SDR 13.5) PIPE with fittings like lbow, tee	Meter	45.76

Sr.No	Code	Description	Unit	Rate
914	M933	1. 20 mm diameter CPVC (SDR 13.5) PIPE	Meter	72.88
915	M934	1. 25 mm diameter CPVC (SDR 13.5) PIPE	Meter	100.85
916	M935	1. 32 mm diameter CPVC (SDR 13.5) PIPE	Meter	148.31
917	M936	1. 40 mm diameter CPVC (SDR 13.5) PIPE	Meter	203.39
918	M937	1. 50 mm diameter CPVC (SDR 13.5) PIPE	Meter	333.9
919	M938	15mm dia. U.P.V.C. Pipe ( ( SCH- 40) length = 12.0 mt	Rmt	24.58
920	M939	25mm dia. U.P.V.C. Pipe ( ( SCH- 40) length = 12.0 mt	Rmt	50
921	M940	32mm dia. U.P.V.C. Pipe ( ( SCH- 40) length = 12.0 mt	Rmt	64.41
922	M941	40mm dia. U.P.V.C. Pipe ( ( SCH- 40) length = 12.0 mt	Rmt	81.36
923	M942	50mm dia. U.P.V.C. Pipe ( ( SCH- 40) length = 12.0 mt	Rmt	111.86
924	M943	Clamps including Nails	Nos	4.24
925	M944	Solution 50 ml adhesive solvent	Nos	77.97
926	M945	3. Clamps	No.	94.07
927	M946	4. Solution	No.	15.25
928	M947	1. 160 dia UPVC pipe	Rmt	600
929	M948	2. Plug		0
930	M949	5. Jani Hails	ml	92
931	M950	30mm thick PUF Insulated continuous sandwich panels ( 0.5 mm thick pre coated GI sheet on both side of Polyurethane foam with external face being corrugated)	Sqm	1138.77
932	M951	30mm thick PUF Insulated continuous sandwich panels( 0.35 mm thick pre coated GI sheet on both side of Polyurethane foam with external face being corrugated)	Sqm	983.9
933	M952	50mm thick PUF Insulated continuous sandwich panels( 0.50 mm thick pre coated GI sheet on both side of Polyurethane foam with external face being corrugated)	Sqm	1164.41
934	M953	50mm thick PUF Insulated continuous sandwich panels( 0.35 mm thick pre coated GI sheet on both side of Polyurethane foam with external face being corrugated)	Sqm	1001.69
935	M954	40mm thick PUF Insulated continuous sandwich panels( 0.5 mm thick pre coated GI sheet on both side of Polyurethane foam with external face being corrugated)	Sqm	1122.88
936	M955	40mm thick PUF Insulated continuous sandwich panels( 0.35 mm thick pre coated GI sheet on both side of Polyurethane foam with external face being corrugated)	Sqm	960.17
937	M956	RHS 122 x 61 x 3.6 (2904mm)	Kg	50.85
938	M957	8mm Plate (122 X 61mm)	Kg	40.68
939	M958	8mm Plate (300 x 300)	Kg	40.68
940	M959	8mm Plate (100 x 75)	Kg	40.68
941	M960	8mm Plate (110 x 70)	Kg	40.68
942	M961	PPGI Sheet 52mm x 30mm ( 0.5 mm Thk)	Nos.	63.56
943	M962	Machineing Charge for making continous Profiling for PPGI Sheet 52mm x 30mm ( 0.5 mm Thk)	Rmt	50.85
944	M964	Machineing Charge for making continous Profiling PPGI Sheet 42mm x 30mm ( 0.5 mm Thk)	Rmt	50.85
945	M965	PPGI Sheet 42mm x 30mm ( 0.5 mm Thk)	Nos.	63.56
946	M967	PPGI Sheet 1000mm x 600mm ( 0.5 mm Thk)	Nos.	63.56
947	M969	PPGI Sheet 1000mm x 600mm ( 0.5 mm Thk)	Nos.	63.56
948	M970	Machineing Charge for making continous Profiling PPGI Sheet 1000mm x 600mm ( 0.5 mm Thk)	Rmt	440.68
949	M971	PPGI Sheet End Cap for 30mm thick panel ( 0.5 mm Thk)	Nos.	63.56
950	M973	PPGI Sheet End Cap for 40mm thick panel ( 0.5 mm Thk)	Nos.	63.56
951	M975	PPGI Sheet Corner Angle 25x25 for Various Flashing ( 0.5 mm Thk)	Nos.	63.56
952	M977	PPGI Sheet Corner Angle 50x50 for Various Flashing ( 0.5 mm Thk)	Nos.	63.56
953	M979	PPGI Sheet Corner Angle 100x100 for Various Flashing ( 0.5 mm Thk)	Nos.	63.56
954	M981	PPGI Sheet Corner Angle 150x150 for Various Flashing ( 0.5 mm Thk)	Nos.	63.56

Sr.No	Code	Description	Unit	Rate
955	M983	Silane Nanotechnology	Kg	677.97
956	M984	Acrylic copolymer	Kg	211.86
957	M985	Water	Kg	0.25
958	M986	Water tanker with pressure distributor/sprayer	hrs	423.73
959	M987	Silane Nanotechnology (for bitumen emulsion application)	Kg	1016.95
960	M988	BT Metal 25 to 40 MM & Aggregate 13.2 and down chips & SD including conveyence	Cum	876.37
961	M989	Silane Nanotechnology Z	Kg	1186.44
962	M990	Light weight Calcium Silicate tegular edged 595X595 Modular Acoustical ceiling tiles with 15 mm Thick Densified edges including 5% wastage	Sqm	805.08
963	M991	Galvanized Steel main Tee ceiling section Size 24x38x0.33mm (3 metre long)	Each	152.54
964	M992	Galvanized Steel perimeter wall Angle Size 24 x 24 x 0.40 mm (3.00 metre long)	Each	144.49
965	M993	Galvanized Steel intermediate cross T section Size 24 x 28 x 0.30 mm ( 1.2 metre long)	Each	76.27
966	M994	Galvanized Steel intermediate cross T section Size 24 x 28 x 0.30 ( 0.6 metre long)	Each	38.22
967	M995	Hanger rod 4mm thick	Each	5.93
968	M996	Level Adjustment clip Size 85x30x0.8 mm	Each	5.08
969	M997	Dash fastener 12.5 mm dia 50 mm long	Each	40.68
970	M998	Soffit cleat 25mmx35mmx1.60mm	Each	2.54
971	M999	Wooden screws with plastic rawl plugs 35mm x 8mm,	Each	0.85
972	M1000	Waterproof gypsum board 12.5 mm thick	Sqm	127.12
973	M1001	Perimetre channel 15 mmx 27 mm x 30 mm x 0.55 mm	Rmt	25.42
974	M1002	Intermediate channel of size 15 mm x 45 mm x 0.90 mm at 1220 C/C	Rmt	39.92
975	M1003	Ceiling steel section of size 80 mm x 26 mm x 0.50 mm at 457 mm C/C	Rmt	41.53
976	M1004	Celing angle of size 25 mm x 10 mm	Rmt	12.71
977	M1005	Sofit cleat of size 22 mm x 37 mm	No.	1.69
978	M1006	Raw / plug	No.	5.08
979	M1007	Nut bolts	No.	1.69
980	M1008	Connecting clips	No.	3.6
981	M1009	Joining paper tap	Rmt	0.85
982	M1010	Joining compound	kg	23.73
983	M1011	Migratory Corrosion Admixture POLYALK CP 293	kg	205.57
984	M1012	Migratory Corrosion Admixture POLYALK CP 293	kg	242.57
985	M1013	Rock Wool	kg	44.14
986	M1014	Vapour Breather Membrane	Sqm	127.12
987	M1015	One-side alluminium thermal bubble insulation barrier including taxes	Sqm	84.75
988	M1016	12mm thick Cement Fibre Board	Sqm	455.93
989	M1017	Factory finished cold formed Light guage steel Sheet	kg	89.66
990	M1018	Powder coated Alluminium Section 63.50 x 38.10 x 1.95 mm @ Wt. 1.094 Kg/mt	Kg	199.15
991	M1019	CSS1	kg	38.14
992	M1020	Precast light weight concrete hollow core wall	Nos.	966.1
993	M1021	Adhesive	Kg.	10.17
994	M1022	Supply of Roller Safety Barrier in Heavy weight MS Section with 550 Gm / Sqm hot dip galvanize	Lot	3418025.42
995	M1023	Precast light weight concrete hollow core wall	Nos.	1260
996	M1024	Ready Mix Cement Mortar 1:3 (40 Kg)	No of Bags	118.64
997	M1025	Ready Mix Cement Mortar 1:4 (40 Kg)	No of Bags	105.93

Sr.No	Code	Description	Unit	Rate
998	M1026	Ready Mix Cement Mortar 1:6 (40 Kg)	No of Bags	97.46
999	M1027	Providing solar stud (incl GST 18 %)	1 No.	1000
1000	M1028	Epoxy Chemical (incl GST 18 %)	1 No.	220.34
1001	M1029	Tiles - 600 x 600 x 16 MM	piece	206.78
1002	M1030	Main Runner 15 mm T-32 Web height 3000 mm length	piece	137.29
1003	M1031	Cross Tee 15 mm T-32 Web Height 1200 mm Length	piece	55.93
1004	M1032	Cross Tee 15 mm T-32 Web Height 600 mm Length	piece	27.97
1005	M1033	Angle Moulding 24mm	piece	118.64
1006	M1034	Tiles - 600 x 600 x 20 MM	piece	259.32
1007	M1035	Tiles - 600 x 600 x 15 MM	piece	225.42
1008	M1036	Tiles - 600 x 600 x 0.5 mm GI Metal	piece	227.12
1009	M1037	Main Runner 24 mm T-38 Web height 3000 mm length	piece	116.95
1010	M1038	Cross Tee 24 mm T-25 Web Height 1200 mm Length	piece	47.46
1011	M1039	Cross Tee 24 mm T-25 Web Height 600 mm Length	piece	23.73
1012	M1040	Tiles - 600 x 600 x 0.5 mm GI Metal with 20% perforation area with 1.8 mm dia holes and having NRC (Noise Reduction Coe cient) of 0.5	piece	394.07
1013	M1041	Supply of Galvalume Steel Coll with AZ 150 and 550 Mpa for cold formed steel fabrication including taxes	Kg.	63.56
1014	M1042	Production cost of light gauge steel members	Kg.	21.19
1015	M1043	Supply and fixing of galvanized screws for bolting of the structural and non structural LGS members as per specification and anchor hilti bolts for fixing LGS frame to plinth	Kg.	16.95
1016	M1044	Supply of galvanized iron profile deck sheet 0.80 mm - 1.00 mm thick	Sq.Mt	635.59
1017	M1045	Providing self drilling screws with EPDM washer for fixing the deck sheet	Sq.Mt	25.42
1018	M1046	Transport of deck sheet from manufacturing facility to work site including loading / unloading	Sq.Mt	25.42
1019	M1047	2mm Aluminium / 4mmACP sheeting fixed with Type-11 Class-C High Intensity Grade Sheeting as per IRC 67 : 2012 reflective sheeting of size including lettering and signs as applicable	Sq.Mtr	5832.2
1020	M1048	2mm Aluminium / 4mmACP sheeting fixed with Type-4 Class-B High Intensity Grade Sheeting as per IRC 67 : 2012 reflective sheeting of size including lettering and signs as applicable	Sq.Mtr	3955.08
1021	M1049	Plastirib - Thermoplastic Road Marking White 2 mm thick base : 5 Kg per smt	cum	100.57
1022	M1050	Drop on glass beads: 250 gm per Smt x 100 Smt	KG	61.86
1023	M1051	Plastirib - Thermoplastic Road Marking White 2 mm thick base : 5 Kg per smt	KG	80.51
1024	M1052	AFP (Aluminum Backed Flexible Prismaticn Sheeting	Smt	4305.08
1025	M1053	Cat Eye / Road Stud	No.	178.98
1026	M1054	Epoxy Adhesive for fixing Cat Eye	No	780
1027	M1055	Median Marker	No.	169.22
1028	M1059	HYSD bar	Quintal	5877
1029	M1060	R.C.C Heavy Duty Non-Pressure pipe I.S.Class NP=2 750mm dia.	Meter	174.58

Sr.No	Code	Description	Unit	Rate
<b>LABOUR CHARGES</b>				
1030	L001	Labour charges - Bandhani	Each	573
1031	L002	Labour charges - Bhisti	Each	516
1032	L003	Labour charges - Blacksmith 1st Class	Each	681
1033	L004	Labour charges - Blacksmith 2nd Class	Each	612
1034	L005	Labour charges - Breaker	Each	578
1035	L006	Labour charges - Bullock with Driver to Mortar Mill	Each	294.4
1036	L007	Labour charges - Carpenter 1st Class	Each	725
1037	L008	Labour charges - Carpenter 2nd Class	Each	638
1038	L009	Labour charges - Chowkidar	Each	514
1039	L010	Labour charges - Compressor Operator	Each	700
1040	L011	Labour charges - Crane operator with Helper	Each	840
1041	L012	Labour charges - Excavator	Each	566
1042	L013	Labour charges - Extra labor sinking and chisselling	Each	2500
1043	L014	Labour charges - Fitter	Each	640
1044	L015	Labour charges - Glazier	Each	659
1045	L016	Labour charges - Handcart with Mazdoor	Each	551
1046	L017	Labour charges - Hole Driller	Each	529
1047	L018	Labour charges - Mason 1st Class	Each	713
1048	L019	Labour charges - Mason 2nd Class	Each	633
1049	L020	Labour charges - Mate	Each	480
1050	L021	Labour charges - Mazdoor (Female)	Each	450
1051	L022	Labour charges - Mazdoor (Male)	Each	493
1052	L023	Labour charges - Mistry	Each	692
1053	L024	Labour charges - Painter	Each	626
1054	L025	Labour charges - Plumber (Fitter)	Each	697
1055	L026	Labour charges - Plumber(Fitter)Assist	Each	570
1056	L027	Labour charges - Polisher	Each	641
1057	L028	Labour charges - Spraymen	Each	602
1058	L029	Labour charges - Supervision for Machinery	Each	711
1059	L030	Labour charges - Welder	Each	689
1060	L031	Labour charges - White Washer	Each	545
1061	L032	Labour charges - Winch Operator	Each	740
1062	L034	Labour for Applying Two Coat of Preventive Coating on Steel per day (Painter)	Days	626
1063	L035	Labour for Removing (Descaling) Rust & Applying one coat per day (Semi Skilled)	Days	462
1064	L036	Semi Skill helper	days	462
1065	L037	Unskilled Labour	days	452
1066	L038	Labour charges - Mazdoor with Hand Cart	each	551
1067	L039	helper	days	452
1068	L040	Labour charges Beldar	Each	300
1069	L044	Labour charges - Chiseller (Semi Skilled)	Each	462
1070	L045	Applicating Operator	No.	750

Sr.No	Code	Description	Unit	Rate
<b>CARRIAGE</b>				
1071	C001	Carriage of GSW pipe lead 100mm (upto 10 ton)	Rmt	1.64
1072	C001A	Carriage of GSW pipe lead 100mm (more than 10 ton)	Rmt	1.64
1073	C002	Carriage of GSW pipe lead 125mm (upto 10 ton)	Rmt	2.45
1074	C002A	Carriage of GSW pipe lead 125mm (more than 10 ton)	Rmt	2.45
1075	C003	Carriage of GSW pipe lead 150mm (upto 10 ton)	Rmt	3.27
1076	C003A	Carriage of GSW pipe lead 150mm (more than 10 ton)	Rmt	3.27
1077	C004	Carriage of GSW pipe lead 200mm (upto 10 ton)	Rmt	3.27
1078	C004A	Carriage of GSW pipe lead 200mm (more than 10 ton)	Rmt	3.27
1079	C005	Carriage of RCC pipe lead 250mm (upto 10 ton)	Rmt	13.12
1080	C005A	Carriage of RCC pipe lead 250mm (more than 10 ton)	Rmt	13.12
1081	C006	Carriage of RCC pipe lead 300mm (upto 10 ton)	Rmt	15.75
1082	C006A	Carriage of RCC pipe lead 300mm (more than 10 ton)	Rmt	15.75
1083	C007	Carriage of RCC pipe lead 350 to 400 mm (upto 10 ton)	Rmt	24.6
1084	C007A	Carriage of RCC pipe lead 350 to 400 mm (more than 10 ton)	Rmt	24.6
1085	C008	Carriage of RCC pipe lead 450 to 500 mm (upto 10 ton)	Rmt	35.79
1086	C008A	Carriage of RCC pipe lead 450 to 500 mm (more than 10 ton)	Rmt	35.79
1087	C009	Carriage of RCC pipe lead 600 700 & 750 mm (upto 10 ton)	Rmt	65.61
1088	C009A	Carriage of RCC pipe lead 600 700 & 750 mm (more than 10 ton)	Rmt	65.61
1089	C010	Carriage of RCC pipe lead 900 to 1200mm (upto 10 ton)	Rmt	98.41
1090	C010A	Carriage of RCC pipe lead 900 to 1200mm (more than 10 ton)	Rmt	98.41
1091	C011	Carriage Hoops Iron (upto 10 ton)	MT	190.68
1092	C011A	Carriage Hoops Iron (more than 10 ton)	MT	190.68
1093	C012	Carriage of Asbestos Sheet (upto 10 ton)	MT	220.41
1094	C012A	Carriage of Asbestos Sheet (more than 10 ton)	MT	169.74
1095	C013	Carriage of Bitumen (upto 10 ton)	MT	173.49
1096	C013A	Carriage of Bitumen (more than 10 ton)	MT	173.49
1097	C014	Carriage of Bricks (upto 10 ton)	1000 Each	195.86
1098	C014A	Carriage of Bricks (more than 10 ton)	1000 Each	195.86
1099	C015	Carriage of brick bats chhara (upto 10 ton)	cu.m.	195.86
1100	C015A	Carriage of brick bats chhara (more than 10 ton)	cu.m.	195.86
1101	C016	Carriage of Brick aggregate 40mm size (upto 10 ton)	cu.m.	195.86
1102	C016A	Carriage of Brick aggregate 40mm size (more than 10 ton)	cu.m.	195.86
1103	C017	Carriage of C.I. Grating (upto 10 ton)	Each	2.84
1104	C017A	Carriage of C.I. Grating (more than 10 ton)	Each	2.84
1105	C018	Carriage of chips agg. (upto 10 ton)	cu.m.	97.93
1106	C018A	Carriage of chips agg. (more than 10 ton)	cu.m.	97.93
1107	C019	Carriage of Cement (upto 10 ton)	MT	70.99
1108	C019A	Carriage of Cement (more than 10 ton)	MT	70.99
1109	C020	Carriage of CI cover and frame (upto 10 ton)	Each	28.46
1110	C020A	Carriage of CI cover and frame (more than 10 ton)	Each	28.46
1111	C021	Carriage of CI cover without frame (upto 10 ton)	each	13.8
1112	C021A	Carriage of CI cover without frame (more than 10 ton)	each	13.8
1113	C022	Carriage of Coarse Sand (upto 10 ton)	cu.m.	45.08
1114	C022A	Carriage of Coarse Sand (more than 10 ton)	cu.m.	45.08
1115	C023	Carriage of concrete block (39cm x 20cm x 19cm) (upto 10 ton)	100 Each	70.99
1116	C023A	Carriage of concrete block (39cm x 20cm x 19cm) (more than 10 ton)	100 Each	70.99
1117	C024	Carriage of Earth. 0.5km. (upto 10 ton)	cu.m.	4.48



Sr.No	Code	Description	Unit	Rate
1118	C024A	Carriage of Earth. 0.5km. (more than 10 ton)	cu.m.	4.48
1119	C025	Carriage of Earth. 1km. (upto 10 ton)	cu.m.	8.52
1120	C025A	Carriage of Earth. 1km. (more than 10 ton)	cu.m.	8.52
1121	C026	Carriage of Earth. 2km. (upto 10 ton)	cu.m.	16.21
1122	C026A	Carriage of Earth. 2km. (more than 10 ton)	cu.m.	16.21
1123	C027	Carriage of Earth. 3km. (upto 10 ton)	cu.m.	23.66
1124	C027A	Carriage of Earth. 3km. (more than 10 ton)	cu.m.	23.66
1125	C028	Carriage of Fine Sand (upto 10 ton)	cu.m.	45.08
1126	C028A	Carriage of Fine Sand (more than 10 ton)	cu.m.	45.08
1127	C029	Carriage of Marble (upto 10 ton)	cu.m.	97.93
1128	C029A	Carriage of Marble (more than 10 ton)	cu.m.	97.93
1129	C030	Carriage of Marble Chips (upto 10 ton)	cu.m.	97.93
1130	C030A	Carriage of Marble Chips (more than 10 ton)	cu.m.	97.93
1131	C031	Carriage of Murrum (upto 10 ton)	cu.m.	45.08
1132	C031A	Carriage of Murrum (more than 10 ton)	cu.m.	45.08
1133	C032	Carriage of Rubble (upto 10 ton)	cu.m.	138.24
1134	C032A	Carriage of Rubble (more than 10 ton)	cu.m.	138.24
1135	C033	Carriage of Precast slabs (concrete) (upto 10 ton)	cu.m.	70.99
1136	C033A	Carriage of Precast slabs (concrete) (more than 10 ton)	cu.m.	70.99
1137	C034	Carriage of Quarry Spall (upto 10 ton)	cu.m.	97.93
1138	C034A	Carriage of Quarry Spall (more than 10 ton)	cu.m.	97.93
1139	C035	Carriage of Steam Coal (upto 10 ton)	MT	97.93
1140	C035A	Carriage of Steam Coal (more than 10 ton)	MT	97.93
1141	C036	Carriage of Steel (upto 10 ton)	MT	125.99
1142	C036A	Carriage of Steel (more than 10 ton)	MT	125.99
1143	C037	Carriage of Hand Broken Stone agg. 40 to 63mm (upto 10 ton)	cu.m.	117.31
1144	C037A	Carriage of Hand Broken Stone agg. 40 to 63mm (more than 10 ton)	cu.m.	117.31
1145	C038	Carriage of Brick agg. 20mm size (upto 10 ton)	cu.m.	70.99
1146	C038A	Carriage of Brick agg. 20mm size (more than 10 ton)	cu.m.	70.99
1147	C039	Carriage of Stone Aggregate 20mm size (upto 10 ton)	cu.m.	105.76
1148	C039A	Carriage of Stone Aggregate 20mm size (more than 10 ton)	cu.m.	105.76
1149	C040	Carriage of Stone Aggregate 40mm size (upto 10 ton)	cu.m.	117.31
1150	C040A	Carriage of Stone Aggregate 40mm size (more than 10 ton)	cu.m.	117.31
1151	C041	Carriage of tiles (upto 10 ton)	1000 Each	59.96
1152	C041A	Carriage of tiles (more than 10 ton)	1000 Each	59.96
1153	C042	Carriage of Timber (upto 10 ton)	cu.m.	29.98
1154	C042A	Carriage of Timber (more than 10 ton)	cu.m.	29.98
1155	C043	Carriage of Unslaked Lime (upto 10 ton)	cu.m.	29.98
1156	C043A	Carriage of Unslaked Lime (more than 10 ton)	cu.m.	29.98
1157	C044	Carriage Of Tube	Tonne	173.49
1158	C053	Carriage of Galvenized MS Tubes upto 50mm dia (upto 10 ton)	Each	31.49
1159	C053A	Carriage of Galvenized MS Tubes upto 50mm dia (more than 10 ton)	Each	31.49
1160	C054	Carriage of sheets GI/MS (upto 10 ton)	MT	31.49
1161	C054A	Carriage of sheets GI/MS (more than 10 ton)	MT	31.49
1162	C055	Carriage of Stone Aggregate 6mm size (upto 10 ton)	cu.m.	105.76
1163	C055A	Carriage of Stone Aggregate 6mm size (more than 10 ton)	cu.m.	105.76
1164	C062	Carriage of Stone (upto 10 ton)	cu.m.	105.76
1165	C062A	Carriage of Stone (more than 10 ton)	cu.m.	105.76
1166	C063	Carraige of concrete panels	Cmt.	70.99

Sr.No	Code	Description	Unit	Rate
<b>HIRE CHARGES</b>				
1167	H001	Hire Charges for Bituminous filter oil Fire	Hour	176.27
1168	H002	Hire Charges for Bituminous Mixer	Hour	158.47
1169	H003	Hire Charges for Boiler	Hour	118.64
1170	H004	Hire Charges for Pneumatic Road Roller	Hr	555.08
1171	H005	Hire Charges for Tendon Road Roller	Hour	555.08
1172	H006	Hire charges for Compressor	Per Day	203.39
1173	H007	Hire charges for Crane	Hr	699.15
1174	H008	Hire Charges for Mech. Mixer ( Extra Cost)	L.S	44.83
1175	H009	Hire Charges for Mech. Mortar mill	L.S	30.76
1176	H010	Hire charges for pneumatic drill & Pavement breaker	Hr	85.34
1177	H011	Hire charges for road Roller	Per Day	2372.88
1178	H012	Hire charges for vibrator	L.S	33.9
1179	H013	Hire Charges for Vibratory Road Roller	Hour	40.68
1180	H014	Hire charges of required piling Machineries	Hour	529.66
1181	H015	Hire charges of surface Vibrator	Each	50.85
1182	H016	Hydraulic Excavator 1 cum bucket capacity @ 60 cum per hour	hour	711.86
1183	H017	Tipper 10 tonne capacity	tonne	1.36
1184	H018	Dozer 80 HP for spreading @ 200 cum per hour	hour	2033.9
1185	H019	Motor grader for grading @ 100 cum per hour	hour	1309.32
1186	H020	Vibratory roller 8 - 10 tonnes @ 100 cum per hour	hour	842.37
1187	H021	Hire Charges of drilling machine	Days	275.42
1188	H022	Tractor with rotovator	hrs	207.63
1189	H023	Bitumen emulsion pressure distributor	days	508.47
1190	H024	Excavator Pile Driving	Day	847.46
1191	H025	Core Drill	Rmt.	1114.41
1192	H026	Impact Drill and Hand Socket	Day	508.47
1193	H027	Wrench	Day	254.24
1194	H028	Scissor Jack	Day	254.24
1195	H029	Rail Cutting	Day	211.86
1196	H030	Zinc Coating	LS	5084.75
1197	H031	Diesel Generator	Day	6355.93
1198	H032	Truck (Considering 1 Truck for 20 days @ Rs.5000 Per Day)	Day	4237.29
1199	H033	Tractor Trolley (Considering 1 Tractor Trolley for 20 Days (8 Hours per Day Rs.245 per Hour)	Day	1661.02
1200	H034	Design of the structure using specialised steel framing software	Kg.	4.24
1201	H035	Computerised Profile Marking Machine	Hrs	762.71
1202	H036	Pre heat boiler	Hrs	84.75

Sr.No	Code	Description	Unit	Rate
<b>EXTRA MISCELLANEOUS</b>				
1203	E001	Extra for 40mm thick shutters instead of 35mm thick	L.S	60
1204	E002	Less for 25mm thick shutters instead of 35mm thick	L.S	50
1205	E003	Extra for Labour Charges for Hot Mix Plant	L.S	398
1206	E004	Extra for Carriage of Stone	L.S	2.47
1207	E005	Extra for Scaffolding	L.S	2.47
1208	E006	Extra for Blasting Powder	L.S	365
1209	E007	Extra Labour for Sinking And Chiselling	L.S	970
1210	E008	Extra for knetledge block of CC 1:3:6 and labour for loading	L.S	741
1211	E009	Extra for Cover blocks	L.S	21
1212	E010	Extra for Labour charges for cutting, Bending and welding	L.S	10
1213	E011	Extra for controlled Concrete	L.S	490
1214	E012	Extra cost of centering and shuttering	L.S	230
1215	E013	Extra Cost of Hire Charges for Mech. Mixer	L.S	52.9
1216	E014	Extra for Cement Mortar 1:3 for Mixing	L.S	44
1217	E015	Extra for Carriage of Panels, shuters, particle board etc.	L.S	6.32
1218	E016	Extra for M.S. Plate / Flat	L.S	8
1219	E017	Extra cost of rivet fixing, hook and wahser etc.	L.S	15.4
1220	E018	Extra for RCC precast jali 50mm thick	L.S	187
1221	E019	Carriage of material etc. 89647,5300,55 Rawl,9800 1st class carpen,5600	L.S	1.49
1222	E020	Labour charges for light fitting & diffusers	L.S	175
1223	E021	Labour Charges for filling Rock Wool	L.S	5.21
1224	E022	Labour Charges for Installation of Vapour Breather Membrane	L.S	15
1225	E023	Wastage and overlapping of the thermal bubble insulation	L.S	6
1226	E024	Transporation of thermal bubble insulation from factory to site including loading / unloading	L.S	6
1227	E025	Labour Charges for fixing thermal bubble insulation	L.S	25
1228	E026	Labour Charges for fixing 12mm thick Cement Board	L.S	140
1229	E027	Conveyance charge 5 km lead	L.S	235.51

Item Code	Description	Unit	SOR Rate for 2023-24
<b>CHAPTER- 26 ROAD WORK AND CULVERTS (EXECUTED WITH MECHANISED EFFORTS/ MACHINARIES)</b>			
<b>(A) EARTH WORK</b>			
26001A	Earthwork for embankment including breaking clods, dressing with all lead and lift (excluding watering and consolidation)(A) From Borrow pits within land width	cu.m	103.17
26001BA	Earthwork for embankment including breaking clods, dressing with all lead and lift (excluding watering and consolidation)(B) From Borrow area within 0.5 Km.lead	cu.m	146.04
26001CA	Earthwork for embankment including breaking clods, dressing with all lead and lift (excluding watering and consolidation)(C) From Borrow area within 1.0 Km.lead	cu.m	148.9
26001DA	Earthwork for embankment including breaking clods, dressing with all lead and lift (excluding watering and consolidation)(D) From Borrow area within 2.0 Km. lead	cu.m	154.35
26001EA	Earthwork for embankment including breaking clods, dressing with all lead and lift (excluding watering and consolidation)(E) From Borrow area within 3.0 Km. lead	cu.m	159.62
26002A	Rolling of earthwork in layers with power roller including filling in depressions which occur during the process.	cu.m	13.27
26003	Watering of earth work as directed.	cu.m	8.99
26004AA	Earthwork for embankment including breaking clods, dressing with all lead and lift and including watering rolling and consolidation of subgrade in layers at O.M.C. to required dry density including filling the depression which occur during the process using power roller 8T to 10T.(A) From Borrow pits within land width	cu.m	151
26004BA	Earthwork for embankment including breaking clods, dressing with all lead and lift and including watering rolling and consolidation of subgrade in layers at O.M.C. to required dry density including filling the depression which occur during the process using power roller 8T to 10T.(B) From Borrow area within 0.5KM. lead	cu.m	154.18
26004CA	Earthwork for embankment including breaking clods, dressing with all lead and lift and including watering rolling and consolidation of subgrade in layers at O.M.C. to required dry density including filling the depression which occur during the process using power roller 8T to 10T.(C) From Borrow area within 1.0KM. lead	cu.m	157.04
26004DA	Earthwork for embankment including breaking clods, dressing with all lead and lift and including watering rolling and consolidation of subgrade in layers at O.M.C. to required dry density including filling the depression which occur during the process using power roller 8T to 10T.(D) From Borrow area within 2.0KM. lead	cu.m	162.48

Item Code	Description	Unit	SOR Rate for 2023-24
26004EA	Earthwork for embankment including breaking clods, dressing with all lead and lift and including watering rolling and consolidation of subgrade in layers at O.M.C. to required dry density including filling the depression which occur during the process using power roller 8T to 10T.(E) From Borrow area within 3.0KM. lead	cu.m	167.76
26005	Earthwork in cutting in all sorts of soil and soft murrum including conveying and spreading the stuff, embankment as and where directed within 200meters from the end of the cutting with all required lead and lift.	cu.m	126.48
26006A	Earthwork in cutting in all sorts of soil and soft murrum including conveying and spreading the stuff, embankment as and where directed within 200meters from the end of the cutting with all required lead and lift.(A) Above 200 Meters upto 300 Meters.	cu.m	35.76
26006B	Earthwork in cutting in all sorts of soil and soft murrum including conveying and spreading the stuff, embankment as and where directed within 200meters from the end of the cutting with all required lead and lift.(B) Above 300 Meters upto 400 Meters.	cu.m	52.92
26006C	Earthwork in cutting in all sorts of soil and soft murrum including conveying and spreading the stuff, embankment as and where directed within 200meters from the end of the cutting with all required lead and lift.(C) Above 400 Meters upto 500 Meters.	cu.m	88.2
26007	Earthwork in cutting in all sorts of soil and soft murrum including conveying and putting the stuff in spoil bank maintaining minimum distance of five meter between top edge and cutting and toe of spoil bank.	cu.m	101.91
26008	Box cutting the road surface to proper slope and camber for making a base for road work including removing the excavated stuff and depositing on the road side slope as directed upto 50Mt.lead.	cu.m	101.91
26009A	Earthwork in cutting including preparing the slope and camber andstacking or utilising the cutting stuff in bank as directed upto 200 Meters from the end of cutting with all lead and lift.(i) Hard murrum.	cu.m	244.13
26009B	Earthwork in cutting including preparing the slope and camber andstacking or utilising the cutting stuff in bank as directed upto 200 Meters from the end of cutting with all lead and lift.(ii) Soft rock not requiring blasting.	cu.m	270.9
26009C	Earthwork in cutting including preparing the slope and camber andstacking or utilising the cutting stuff in bank as directed upto 200 Meters from the end of cutting with all lead and lift.(iii) Hard rock.	cu.m	574.88

Item Code	Description	Unit	SOR Rate for 2023-24
26010A	Add extra over item 9 for conveying and utilising the stuff in bank from end of cutting with all required lead and lift.(A) Above 200 Meters upto 300 Meters.	cu.m	51.84
26010B	Add extra over item 9 for conveying and utilising the stuff in bank from end of cutting with all required lead and lift.(B) Above 300 Meters upto 400 Meters	cu.m	76.8
26010C	Add extra over item 9 for conveying and utilising the stuff in bank from end of cutting with all required lead and lift.(C) Above 400 Meters upto 500 Meters	cu.m	128
<b>(B) COLLECTION OF MATERIAL</b>			
26011A	Supplying of graded stone aggregate of following sizes (for W.B.M. Road)(1) Hand broken stone aggregate 25mm to 90mm size.	cu.m	246.53
26011B	Supplying of graded stone aggregate of following sizes (for W.B.M. Road)(2) Hand broken stone aggregate 40 mm to 63 mm size.	cu.m	289.28
26011C	Supplying of graded stone aggregate of following sizes (for W.B.M. Road)(3) Crushed stone aggregate for Hard Quality up to 63 mm size	cu.m	417.53
26012A	Supplying of crushed stone aggregates, chippings etc. of hard stone of following nominal size free of disintegrated pieces deleterious and organic mater (for Bitumen surface dressing etc.) and grading as per I.R.C. Code.(i) 50mm	cu.m	417.53
26012B	Supplying of crushed stone aggregates, chippings etc. of hard stone of following nominal size free of disintegrated pieces deleterious and organic mater (for Bitumen surface dressing etc.) and grading as per I.R.C. Code.(ii) 40mm	cu.m	454.58
26012C	Supplying of crushed stone aggregates, chippings etc. of hard stone of following nominal size free of disintegrated pieces deleterious and organic mater (for Bitumen surface dressing etc.) and grading as per I.R.C. Code.(iii) 25mm	cu.m	521.56
26012D	Supplying of crushed stone aggregates, chippings etc. of hard stone of following nominal size free of disintegrated pieces deleterious and organic mater (for Bitumen surface dressing etc.) and grading as per I.R.C. Code.(iv) 20mm	cu.m	588.53
26012E	Supplying of crushed stone aggregates, chippings etc. of hard stone of following nominal size free of disintegrated pieces deleterious and organic mater (for Bitumen surface dressing etc.) and grading as per I.R.C. Code.(v) 12mm	cu.m	470.25

Item Code	Description	Unit	SOR Rate for 2023-24
26012F	Supplying of crushed stone aggregates, chippings etc. of hard stone of following nominal size free of disintegrated pieces deleterious and oraganic mater (for Bitumen surface dressing etc.) and grading as per I.R.C. Code.(vi) 10mm	cu.m	380
26012G	Supplying of crushed stone aggregates, chippings etc. of hard stone of following nominal size free of disintegrated pieces deleterious and oraganic mater (for Bitumen surface dressing etc.) and grading as per I.R.C. Code.(vii) 6mm	cu.m	285
26013	Supplying of brick aggregate 40mm nominal size.	cu.m	200
26014A	Supplying of screened cleaned pea (rounded) gravel of following sizes)(i) 10mm nominal size.	cu.m	210
26014B	Supplying of screened cleaned pea (rounded) gravel of following sizes)(ii) 12mm nominal size.	cu.m	225
26014C	Supplying of screened cleaned pea (rounded) gravel of following sizes)(B) Supplying of unscreened gravel	cu.m	160
26015	Supplying of coarse clean sharp sand at site.	cu.m	279.3
26016A	(i) Supplying of murrum / binding materials	cu.m	90
26016B	(ii) Supplying of hard murrum 50mm to 150mm size.	cu.m	120
26017A	Supplying promoulded bituminous joint filler.(i) 12mm thick	cu.m	548.31
26017B	Supplying promoulded bituminous joint filler.(ii) 20mm thick	cu.m	605.08
26017C	Supplying promoulded bituminous joint filler.(iii) 25mm thick	cu.m	794.92
<b>(C) SOLING AND SPREADING</b>			
26018A	Spreading the stone aggregate for rolling and W.B.M. including filling the interstices to required camber and gradient (excluding spreading of Blindage)(ii) 40mm to 63mm size aggregate (H.B.)	cu.m	247.28
26018B	Spreading the stone aggregate for rolling and W.B.M. including filling the interstices to required camber and gradient (excluding spreading of Blindage)(iii) 25mm to 50mm size crushed stone	cu.m	247.28
26018C	Spreading the stone aggregate for rolling and W.B.M. including filling the interstices to required camber and gradient (excluding spreading of Blindage)(iv) Chipping varying from 6mm to 25mm size.	cu.m	247.28
26019A	Laying brick soling with over burnt traditional bricks including spreading of binding materials murrum or earth etc. ( Bricks for soling and binding materials shall be paid for seperately)(i) One layer laid flat.	cu.m	41.27

Item Code	Description	Unit	SOR Rate for 2023-24
26019B	Laying brick soiling with over burnt traditional bricks including spreading of binding materials murrum or earth etc. ( Bricks for soiling and binding materials shall be paid for seperately) (ii) One layer laid on edge.	cu.m	62.54
26019C	Laying brick soiling with over burnt traditional bricks including spreading of binding materials murrum or earth etc. ( Bricks for soiling and binding materials shall be paid for seperately)(iii) Two layer laid flat.	cu.m	82.7
26019D	Laying brick soiling with over burnt traditional bricks including spreading of binding materials murrum or earth etc. ( Bricks for soiling and binding materials shall be paid for seperately)(iv) Two layer laid on edge.	cu.m	128.37
26020A	Spreading blindage or road crust filling the gaps in metal and leveling to camber and gradient as directed.(i) Murrum	cu.m	146.01
26020B	Spreading blindage or road crust filling the gaps in metal and leveling to camber and gradient as directed.(ii) Sand	cu.m	146.01
<b>(D) ROLLING AND CONSOLIDATION</b>			
26021	Rolling and consolidation of soling including filling in depression which occur during the process, with power roler 8 tonne to 12 tonne.	Sqm	22.14
26022	Rolling and consolidating water bound macadam (except laterite and Kankar) including watering not exceeding 150mm thickness (Main layer including binding materials ) including filling in depressions which occur during the process.(A) With power roller exceeding 8 tonne and not exceeding 12 tonne.	Sqm	20.79



Item Code	Description	Unit	SOR Rate for 2023-24
<b>(E) BITUMINIOUS COURSES</b>			
26023A	Preparing surface by Brushing with wire brushes for removing caked mud etc. sweeping with brooms and finally fanning the cleaned surface with gunney bags to remove all loose dirt etc.(i) Water bound macadam surface (New)	Sqm	28.04
26023B	Preparing surface by Brushing with wire brushes for removing caked mud etc. sweeping with brooms and finally fanning the cleaned surface with gunney bags to remove all loose dirt etc.(ii) Black top surface.	Sqm	16.86
26024	Providing and supplying evenly priming / tack coat with bitumen @ rate of 10 Kg/ Sq.M. (including heating the bitumen but excluding the cost of bitumen)	Sqm	6.3
26025	Add/Deduct for any item of bituminous work for extra/less use of bitumen (including heating)	Sqm	0.63
26026A	Surface dressing one coat with paving bitumen using 18kg. bitumen per 10.0 Sq.M. with 0.15 cu.m. of stone chipping 12mm nominal size per 10.0 Sq.M. of road surface excluding roling and consolidation (stone chipping and bitumen shall be paid seperately)	Kg	19.7
26027A	Surface dressing two coat with bitumen using 18kg. bitumen per 10.0 Sq.M. with 0.15 cu.m. of stone chipping 12mm nominal size per 10.0 Sq.M. for first coat and 11 Kg. of bitumen with 0.10 cu.m. of stone chippings 10mm nominal size per 10 Sq.M. of road surface for second coat excluding consolidation for second coat excluding consolidation bitumen shall be paid seperately)	Sqm	20.96
26028A	Surface dressing enewal coat with paving bitumen or tar using 11kg. of bitumen of 12Kg. of cut-back or road tar per ten 10.0 Sq.M. with 0.10 cu.m. of stone chipping 10mm nominal size per 10.0 Sq.M. of road surface excluding roling and consolidation (Chips and bitumen shall be paid seperately)	Sqm	14.03
26029	Add to or deduct from any item of bituminous work for variation in quantity of stone chippings (Labour only)	cu.m	56.7
26030AA	2cm. thick open - graded pre-mix carpet surfacing with 0.27 cu.m. stone chippings (12mm size 0.18cu.m. and 10mm size 0.09 cu.m.) mixed with 14.4 kgs. of bitumen per 10 Sq.M. of road surface excluding rolling and consolidetion etc. complete. (Stone chippings and Bitumen shall be paid separately)(i) With tack coat at rate of 5.0 Kg. /10 Sq.M.	cu.m	1132.43

Item Code	Description	Unit	SOR Rate for 2023-24
26030BA	2cm. thick open - graded pre-mix carpet surfacing with 0.27 cu.m. stone chippings (12mm size 0.18cu.m. and 10mm size 0.09 cu.m.) mixed with 14.4 kgs. of bitumen per 10 Sq.M. of road surface excluding rolling and consolidation etc. complete. (Stone chippings and Bitumen shall be paid separately)(ii) With tack coat at rate of 10Kg. / 10 Sq.M.	cu.m	1179.68
26031AA	2.5cm. thick Consolidated singlecourse pre-mixed carpet surfacingwith 0.36 cu.m. of stone chippings(20mm size 0.15cu.m. 10mm size0.12 cu.m. and 0.6 mm size of 0.09 cu.m. ) mixed with 19.5 kgs. ofbitumen per 10 Sq.M. of road surface excluding consolidation etc. complete.(Stone chippings and Bitumen shall be paid separately)(i) With tack coat at rate of 5.0 Kg. /10 Sq.M.	cu.m	1050.53
26031BA	2.5cm. thick Consolidated singlecourse pre-mixed carpet surfacingwith 0.36 cu.m. of stone chippings(20mm size 0.15cu.m. 10mm size0.12 cu.m. and 0.6 mm size of 0.09 cu.m. ) mixed with 19.5 kgs. ofbitumen per 10 Sq.M. of road surface excluding consolidation etc. complete.(Stone chippings and Bitumen shall be paid separately)(ii) With back coat at rate of 10Kg./ 10 Sq.M.	cu.m	1085.18
26032A	Liquid seal coat (IRC type -A) with 0.09 cu.m. of stone chippings 6mm size and 6.8Kg. of bitumen per 10.0 Sq.M. of road surface excluding rolling and consolidation. (Chipping and bitumen shall be paid separately)	cu.m	1300.95
26033A	Pre-mixed seal coat (I.R.C. type-B) with 0.06 cu.m. of fine aggregate and 6.8 Kg. of bitumen per 10 Sq.M. of road surface excluding rolling and consolidation. (Chipping and bitumen shall be paid separately)	cu.m	1482.08
26034A	Pre-mixed seal coat with 0.12 cu.m. of stone chippings 10mm size and 7.68 Kg. of bitumen per 10 Sq.M. of road surface excluding rolling and consolidation. (Stone chipping and bitumen shall be paid separately)	cu.m	1280.48
26035A	Laying built-up spray grout base course into two layers with bitumen at rate of 15 kg./per 10 Sq.M. with 0.50 cu.m. stone aggregate for first layer and 15kg. of bitumen and 0.50 cu.m. of stone aggregate per 10 Sq.M. of road surface for second layer and using 0.13cu.m. of Key aggregate per 10 Sq.M. excluding rolling and consolidation complete. (stone aggregate and bitumen shall be paid separately)	Sqm	24.74

Item Code	Description	Unit	SOR Rate for 2023-24
26036	Labour charges for laying premixed bituminous macadam / concrete / carpet etc. by hot mix laid process including heating the asphalt and aggregates by continuous hot mix, transporting the mix and spreading the same by paverfinisher and consolidation with powerroller including providing and laying uniformaly tack coat including providing and laying uniformaly tackcoat including necessary fire wood oil lubricants, labour charges and hire charges of the required plant and machineries etc. complete.	MT	489.54
<b>(F) CONSOLIDATION OF BITUMINIOUS COURSES</b>			
26037	Consolidation of surface dressing in one coat with power roller including cost of fuel hire charges of roller etc. complete.	Sqm	8.04
26038	Consolidation of surface dressing in two coats with power roller including cost of fuel hire charges of roller etc. complete.	Sqm	11.34
26039	Consolidation of 2cm. thick open graded premixed asphalt carpet with power roller including cost of fuel hire charges of roller etc. complete.	Sqm	10.4
26040	Consolidation of 2.5cm. thick premixed asphalt carpet with power roller including cost of fuel hire charges of roller etc. complete.	Sqm	10.4
26041	Consolidation of liquid / premixed seal coat with power roller including cost of fuel hire charges of roller etc. complete.	Sqm	7.25
26042	Consolidation of Built up spray grout in required layers with power roller including cost of fuel hire charges of roller etc. complete.	Sqm	11.82
26043	Consolidation of bituminous macadam / concrete etc. with power roller including cost of fuel hire charges of roller etc. complete.	Sqm	15.29

Item Code	Description	Unit	SOR Rate for 2023-24
<b>(G) MISCELLANESOUS ITEMS</b>			
26044A	Providing and fixing Hectometer as per I.R.C. type design including painting, lettering etc. complete.(i) Fixing in Earth	No.	114.93
26044B	Providing and fixing Hectometer as per I.R.C. type design including painting, lettering etc. complete.(ii) Fixing in C.C. 1:5:10	No	352.97
26045A	Providing and fixing guard stone as per I.R.C. type design including white washing etc. complete.(i) Fixing in Earth	No	107.61
26045B	Providing and fixing guard stone as per I.R.C. type design including white washing etc. complete.(ii) Fixing in C.C. 1:5:10	No	345.65
26046A	Providing and fixing Boundary stone as per I.R.C. design including painting, carving lettering etc. complete.(i) Fixing in Earth	Each	107.61
26046B	Providing and fixing Boundary stone as per I.R.C. design including painting, carving lettering etc. complete.(ii) Fixing in C.C. 1:5:10	Each	187.43
26047	Providing and fixing ordinary Kilometer stone of approved hard stone as per I.R.C. type design in C.C. 1:4:8 including painting and lettering etc. complete (For N.H., S.H. and M.D.R.)	Each	882.7
26048	Providing and fixing ordinary Kilometer stone of precast C.C. 1:2:4 including necessary reinforcement as per I.R.C. type design in C.C. 1:4:8 including letter and paints etc. complete (For N.H., S.H. and M.D.R.)	Each	1277.79
26049	Providing and fixing 5th Kilometer stone of approved hard stone as per I.R.C. type design in C.C. 1:4:8 including painting and lettering etc. complete (For N.H., S.H. and M.D.R.)	Each	1163.92
26050	Providing and fixing 5th Kilometer stone of precast C.C. 1:2:4 including necessary reinforcement as per I.R.C. type design in C.C. 1:4:8 including painting,lettering etc. complete (For N.H., S.H. and M.D.R.)	Each	1915.99
26051	Providing and fixing ordinary Kilometer stone of approved hard stone as per I.R.C. type design in C.C. 1:4:8 including painting and lettering etc. complete (For O.D.Road,V.R.)	Each	844.86
26052	Providing and fixing ordinary Kilometer stone of precast C.C. 1:2:4 including necessary reinforcement as per I.R.C. type design in C.C. 1:4:8 including painting,lettering etc. complete (For O.D. road V.R.)	Each	697.36
26053A	Providing and fixing indicator stone of approved stone as per I.R.C. type design in C.C. 1:4:8 including white washing etc. complete.(i) Fixing in Earth	Each	101.83

Item Code	Description	Unit	SOR Rate for 2023-24
26053B	Providing and fixing indicator stone of approved stone as per I.R.C. type design in C.C. 1:4:8 including white washing etc. complete.(ii) Fixing in C.C. 1:5:10	Each	339.87
26054A	Supplying and fixing road sign board of M.S. plates and angle iron including painting, lettering etc. complete including fixing in C.C. 1:4:8 with necessary excavation etc. complete as per I.R.C. type design.(i) Non - Reflective type	Each	1860.38
26054B	Supplying and fixing road sign board of M.S. plates and angle iron including painting, lettering etc. complete including fixing in C.C. 1:4:8 with necessary excavation etc. complete as per I.R.C. type design.(ii) Reflective type	Each	3042.56
26055	Providing and fixing Village name boards as per standard I.R.C. type design of steel plate including painting lettering etc. complete with fixing in C.C. 1:4:8 block with necessary excavation.	Each	3403.56
26056	Providing and fixing Junction board of precast R.C.C. as per standard I.R.C. design including fixing in C.C. with 1:4:8 necessary excavation painting figuring and lettering on board etc. complete.	Each	2705.34
26057	Providing and fixing Junction board of M.S. plates and angles as per standard I.R.C. design including fixing in C.C. 1:4:8 with necessary excavation painting figuring and lettering on board etc. complete.	Each	5184.85
26058A	Pinting and lettering with enamel paint 3- coats etc complete.(i) Ordinary K.M. Stone for N.H. S.H. and M.D.R.	Each	203.26
26058B	Pinting and lettering with enamel paint 3- coats etc complete.(ii) Ordinary K.M. Stone for O.D.R. and V.R.	Each	156.8
26058C	Pinting and lettering with enamel paint 3- coats etc complete.(iii) Fifth K.M. Stone .	Each	389.1
26058D	Pinting and lettering with enamel paint 3- coats etc complete.(iv) Hectometer stone.	Each	52.27
26058E	Pinting and lettering with enamel paint 3- coats etc complete.(v) Road sign board.	Each	464.6
26058F	Pinting and lettering with enamel paint 3- coats etc complete.(vi) Village name board.	Each	464.6
26058G	Pinting and lettering with enamel paint 3- coats etc complete.(vii)Junction board.	Each	1451.88
26059	Labour charges for dry stone pitching 15 cm. thick including preparing the surface.	sqm	214.2
26060	Labour charges for dry stone pitching of 22.5 cm. thick including preparing the surface etc complete.	sqm	307.13
26061	Labour charges for dry stone pitching of 20.0 cm. thick including preparing the surface etc complete.	sqm	398.48

Item Code	Description	Unit	SOR Rate for 2023-24
26062A	Providing panel wall for dry stone pitching in uncoursed rubble masonry with had stone of approved quality in cement. mortar 1.5 including curing etc, complete.	Cumt	2579.32
26063	Scarifying gravelled macadam or bitumen macadam surface 6 cm to 10 cm.depth including stacking useful materials on road side and disposing off remaining stuff.	Sqm	39.23
26064	Labour charges for filling measure boxes of crushed metal or gravel of size 20 mm to 63 mm including all tools and as directed.	cu.m	101.91
26065	Labour charges for filling measure boxes of Kapachi of 12 m.size Grit, sand, murrum etc. including all tools and as directed.	cu.m	101.91
26066	Labour charges for breaking boulders and Big.size rubble in to oversize metal for soling.	cu.m	341.78
26067	Labour charges for breaking boulders and Big.size rubble in to standard size. (40mm to 63 mm) metal for soling.	cu.m	508.73
26068	Supplying of wooden pegs 4 cm. in Diameter and 25 cm. to 30 cm. long including taper at one end etc. complete.	Each	0.99
26069	Revenue survey charges for joint measurements for land to be acquired. etc.	Km	349.15
26070	Demarkation of road alingment including marking out road line by providing and fixing wooden pegs or steel rod of required size at every 25 M to 50 M. including excavating trenches ion both sodes of 0.30 m. x 0.30M. including supplying of labours and all materials for every work etc. complete.	Km	2679.7
26071	DOG - Beling the centre line and toe line Embankment / cutting.	Km	6937.88
26072	Surveying for road works including ranging, chaining, pegging leveling and compass surveying including all labour materials and instruments etc,complete.	Km	3046.05
26073	Providing and fixing stones of 25cm x 25cm x 17.5cm.size of approved quality for centre line or apex point including excavation, concreteing and fixing te stone including casting of stone etc,complete.	Km	65.49
26074	Contour survey work for prepaing contour maps by taking cross-section at every 30M. intervals including all, labour materials and instruments.	Km	277.2
<b>(H) CULVERTS</b>			
26075A	Excavation for foundation upto 1.5 m depth including sorting out and stacking of useful materials and disposing off the excavated stuff upto 50 Meter lead.(A) Loose or soft soil	cu.m	187.43

Item Code	Description	Unit	SOR Rate for 2023-24
26075B	Excavation for foundation upto 1.5 m depth including sorting out and stacking of useful materials and disposing off the excavated stuff upto 50 Meter lead.(B) Dense or Hard soil	cu.m	239.4
26075C	Excavation for foundation upto 1.5 m depth including sorting out and stacking of useful materials and disposing off the excavated stuff upto 50 Meter lead.(C) Hard Murrum	cu.m	407.93
26075D	Excavation for foundation upto 1.5 m depth including sorting out and stacking of useful materials and disposing off the excavated stuff upto 50 Meter lead.(D) Soft rock not requiring Blasting	cu.m	422.1
26075E	Excavation for foundation upto 1.5 m depth including sorting out and stacking of useful materials and disposing off the excavated stuff upto 50 Meter lead.(E) Hard Rock	cu.m	874.13
26084	Filling around the pipes with murrum including dressing, tamping etc. complete.	cu.m	81.12
26085	Providing and fixing 20cm. x 15cm x 2.5 cm. thick year plate of marble stone set in C.M. 1:4 including finishing and engraving letters etc. complete.	Km	276.92
26086	Numbering the C.D. work with approved paint including all materials for painting etc. complete.	Each	58.22
26087	Providing and fixing Number plate of Marble plate stone of required size set in C.M. 1:4 including finishing and engraving letters etc. completes.	Each	303.11
26088AA	Supplying and fixing reinforced concrete heavy duty non-pressure pipes with collars for culverts including setting and joining the pipes in C.M. 1:2 watering and laying (to level or slope) of I.S. class NP2 of following internal diameters.(i) 300mm dia.	Rmt	655.33
26088BA	Supplying and fixing reinforced concrete heavy duty non-pressure pipes with collars for culverts including setting and joining the pipes in C.M. 1:2 watering and laying (to level or slope) of I.S. class NP2 of following internal diameters.(ii) 450mm dia.	Rmt	1016.94
26088CA	Supplying and fixing reinforced concrete heavy duty non-pressure pipes with collars for culverts including setting and joining the pipes in C.M. 1:2 watering and laying (to level or slope) of I.S. class NP2 of following internal diameters.(iii) 600mm dia.	Rmt	1322.61
26088DA	Supplying and fixing reinforced concrete heavy duty non-pressure pipes with collars for culverts including setting and joining the pipes in C.M. 1:2 watering and laying (to level or slope) of I.S. class NP2 of following internal diameters.(iv) 800mm dia.	Rmt	1839.27

Item Code	Description	Unit	SOR Rate for 2023-24
26088EA	Supplying and fixing reinforced concrete heavy duty non-pressure pipes with collars for culverts including setting and joining the pipes in C.M. 1:2 watering and laying (to level or slope) of I.S. class NP2 of following internal diameters.(v) 900mm dia.	Rmt	2086.52
26088FA	Supplying and fixing reinforced concrete heavy duty non-pressure pipes with collars for culverts including setting and joining the pipes in C.M. 1:2 watering and laying (to level or slope) of I.S. class NP2 of following internal diameters.(vi)1100mm dia.	Rmt	2700.79
26088GA	Supplying and fixing reinforced concrete heavy duty non-pressure pipes with collars for culverts including setting and joining the pipes in C.M. 1:2 watering and laying (to level or slope) of I.S. class NP2 of following internal diameters.(vii) 1200mm dia.	Rmt	3050.48
26089AA	Supplying and fixing reinforced concrete heavy duty non-pressure pipes with collars for culverts carrying heavy traffic as per IS 458-1991 specifications including setting the pipes in C.M. 1:2 watering and laying (to level or slopes) of class NP3 of following internal daimeters.(i) 300mm dia.	Rmt	643.49
26089BA	Supplying and fixing reinforced concrete heavy duty non-pressure pipes with collars for culverts carrying heavy traffic as per IS 458-1991 specifications including setting the pipes in C.M. 1:2 watering and laying (to level or slopes) of class NP3 of following internal daimeters.(ii) 450mm dia.	Rmt	1164.84
26089CA	Supplying and fixing reinforced concrete heavy duty non-pressure pipes with collars for culverts carrying heavy traffic as per IS 458-1991 specifications including setting the pipes in C.M. 1:2 watering and laying (to level or slopes) of class NP3 of following internal daimeters.(iii) 600mm dia.	Rmt	1932.67
26089DA	Supplying and fixing reinforced concrete heavy duty non-pressure pipes with collars for culverts carrying heavy traffic as per IS 458-1991 specifications including setting the pipes in C.M. 1:2 watering and laying (to level or slopes) of class NP3 of following internal daimeters.(iv) 750mm dia.	Rmt	2560.17
26089EA	Supplying and fixing reinforced concrete heavy duty non-pressure pipes with collars for culverts carrying heavy traffic as per IS 458-1991 specifications including setting the pipes in C.M. 1:2 watering and laying (to level or slopes) of class NP3 of following internal daimeters.(v) 900mm dia.	Rmt	3412.38



Item Code	Description	Unit	SOR Rate for 2023-24
26089FA	Supplying and fixing reinforced concrete heavy duty non-pressure pipes with collars for culverts carrying heavy traffic as per IS 458-1991 specifications including setting the pipes in C.M. 1:2 watering and laying (to level or slopes) of class NP3 of following internal diameters.(vi)1050mm dia.	Rmt	4607.66
26089GA	Supplying and fixing reinforced concrete heavy duty non-pressure pipes with collars for culverts carrying heavy traffic as per IS 458-1991 specifications including setting the pipes in C.M. 1:2 watering and laying (to level or slopes) of class NP3 of following internal diameters.(vii) 1200mm dia.	Rmt	5476.18
<b>(I) RETRO REFLECTIVE SIGN BOARD</b>			
26090	Providing and fixing retro Reflective Engineering grade Board using C.R.C. (M.S.) Sheet 2mm, angle iron 75 x 75 x 6mm. Descaling and degreasing the board as per requirement using epoxyprimer epoxy paint and carrying retro reflective process by screen painting as directed etc. complete including transporting and fixing in C.C. 1:4:8 with necessary excavation curing etc. complete as per I.R.C type design.(A) Engineer Grade	Sqm	12550.96
26091	Providing and fixing retro Reflective Hi Intensity Micro Prismatic Grade Board using 2mm Aluminum / 4mm ACP, angle iron 75 x 75 x 6mm. Descaling and degreasing the board as per requirement using epoxy reflective process by screen painting as directed etc. complete including transporting and fixing in C.C. 1:2:4 with necessary excavation curing etc. complete as per I.R.C. 67-2012 design. A warranty for 7 years for the Retro reflective sheeting from original manufacturer & a certified copy of 3 year outdoor exposure test report from third party test lab for the product offered shall be submitted by contractor. (B)Class B Type-4(MDR/ODR) retro reflective sheeting	Sqm	7535.31

Item Code	Description	Unit	SOR Rate for 2023-24
26091A	Providing and fixing retro Reflective Prismatic grade Board using 2mm Aluminum / 4mm ACP, angle iron 75 x 75 x 6mm. Descaling and degreasing the board as per requirement using epoxyprimer epoxy paint and carrying retro reflective process by screen painting as directed etc. complete including transporting and fixing in C.C. 1:2:4 with necessary excavation curing etc. complete as per I.R.C 67-2012 design. A warranty for 10 years for the Retro reflective sheeting from original manufacturer & a certified copy of 3 year outdoor exposure test report from third party test lab for the product offered shall be submitted by contractor. (A) Class -C Type-11(NH/SH) retro reflective sheeting	Each	12189
26092A	Cautionary Warning Sign :-Providing and fixing sing boards made out of 2mm aluminium sheet; size 90 x 90 x 90 cms. equilateral triangle as per design of IRC-67-1977. Pre treated with phospheting process & acid etching; coated with one coat of epoxy primer and two coats of best quality epoxy paint ;reflectorised with retro refiectivesheeting as per latest M.O.S.T.Specifications; 3.1m long stand postand frame fabricated from suitable sizeiron angle of 35 x 35 x 3mm, 75 x 75 x 6mm as required; painted with bestquality epoxy coatings in black andwhite bends. The details of symbol foreach board shall be as per theinstruction of engineer in charge. The fixing at site shall be in 1:2:4 CC blockof size 45 x 45 x 60 Cms. for each leg.including excavation, curing etc.complete under the supervision of engineer in charge.(A) Engineer Grade(VR)	No	3309.08

Item Code	Description	Unit	SOR Rate for 2023-24
26092B	<p>Cautionary Warning Sign :-Providing and fixing sign boards made out of 2mm aluminium sheet / 4mm ACP (Aluminum composite Panel); size 90 x 90 x 90 cms. equilateral triangle as per design of IRC-67-2012. Pre treated with phosphating process &amp; acid etching; coated with one coat of epoxy primer and two coats of best quality epoxy paint ; reflectorised with High Intensity Prismatic Grade retro reflective sheeting of Type 4 as per ASTM D-4956 and latest M.O.S.T.Specifications; 3.6mtr long stand post of Iron Angle 75 x 75 x 6mm / 65NB Circular MS Pipe as required and frame fabricated from suitable size iron angle of 35 x 35 x 3mm; painted with best quality epoxy coatings in black and white bends. The details of symbol for each board shall be as per the instruction of engineer in charge. The fixing at site shall be in 1:2:4 CC block of size 45 x 45 x 60 Cms. for each leg including excavation, curing etc.complete under the supervision of engineer in charge. A warranty for 7 years for the Retro reflective sheeting from original manufacturer &amp; a certified copy of 3 year outdoor exposure test report from third party test lab for the product offered shall be submitted by contractor. (B) Class-B Type-4 Retro Reflective sheeting</p>	No	3867.51

Item Code	Description	Unit	SOR Rate for 2023-24
26092C	<p>Cautionary Warning Sign :-Providing and fixing sign boards made out of 2mm aluminium sheet / 4mm ACP (Aluminum composite Panel); size 90 x 90 x 90 cms. equilateral triangle as per design of IRC-67-2012. Pre treated with phosphating process &amp; acid etching; coated with one coat of epoxy primer and two coats of best quality epoxy paint ;reflectorised with Micro Prismatic Grade retro reflectivesheeting of Type-11 as per ASTM D-4956 and latest M.O.S.T.Specifications; 3.6mtr long stand post of 75 x 75 x 6mm / 65NB Circular MS Pipe as required and frame fabricated from suitable size iron angle of 35 x 35 x 3mm; painted with bestquality epoxy coatings in black and white bends. The details of symbol foreach board shall be as per theinstruction of engineer in charge. The fixing at site shall be in 1:2:4 CC blockof size 45 x 45 x 60 Cms. for each leg.including excavation, curing etc.complete under the supervision of engineer in charge. A warranty for 10 years for the Retro reflective sheeting from original manufacturer &amp; a certified copy of 3 year outdoor exposure test report from third party test lab for the product offered shall be submitted by contractor. (A) Class-C Type-11 Retro Reflective sheeting</p>	Each	5027
26093A	<p>Informatory Signs :-Providing and fixing sing boards made out of 2mm aluminium sheet; size 80 x 60cms. rectangle as per the design of IRC-67-1977 pre treated with phosphating process &amp; acid teching; coated with one coat of epoxyprimer and two coats of best qualityepoxy paint; reflectorised with retro refiective sheeting as per latest M.O.S.T. Specifications; 3.1m long stand postand frame fabricated from suitable sizeiron angle of 35 x 35 x 3mm75x75x6mm as required; painted with best qualityepoxy coatings in black and whitebends. the details of symbol for eachboard shall details of symbol for eachboard shall be as per the instruction ofengineer in charge. The fixing at site shall be in 1:2:4 CC block of size 45 x45 x 60cms. for each leg. including excavation curing tec. complete under the supervision of engineer in charge.(A) Engineer Grade(VR)...</p>	No	3704.4

Item Code	Description	Unit	SOR Rate for 2023-24
26093B	<p>Facility Informatory Sign :-Providing and fixing sign boards made out of 2mm aluminium sheet / 4mm ACP (Aluminum composite Panel); size 80 x 60 cms. rectangular as per design of IRC-67-2012. Pre treated with phosphating process &amp; acid etching; coated with one coat of epoxy primer and two coats of best quality epoxy paint ; reflectorised with High Intensity Prismatic Grade retro reflectivesheeting of Type-4 as per ASTM D-4956 and latest M.O.S.T.Specifications; 3.6mtr long stand post of Iron Angle 75 x 75 x 6mm / 65NB Circular MS Pipe as required and frame fabricated from suitable size iron angle of 35 x 35 x 3mm; painted with bestquality epoxy coatings in black and white bends. The details of symbol for each board shall be as per the instruction of engineer in charge. The fixing at site shall be in 1:2:4 CC blockof size 45 x 45 x 60 Cms. for each leg including excavation, curing etc.complete under the supervision of engineer in charge. A warranty for 7 years for the Retro reflective sheeting from original manufacturer &amp; a certified copy of 3 year outdoor exposure test report from third party test lab for the product offered shall be submitted by contractor. (B) Class-B Type-4 Retro Reflective sheeting.</p>	No	3951.13
26093C	<p>Facility Informatory Sign :-Providing and fixing sign boards made out of 2mm aluminium sheet / 4mm ACP (Aluminum composite Panel); size 80 x 60 cms rectangular as per design of IRC-67-2012. Pre treated with phosphating process &amp; acid etching; coated with one coat of epoxy primer and two coats of best quality epoxy paint ;reflectorised with Micro Prismatic Grade retro reflectivesheeting of Type-11 as per ASTM D-4956 and latest M.O.S.T.Specifications; 3.6mtr long stand post of 75 x 75 x 6mm / 65NB Circular MS Pipe as required and frame fabricated from suitable size iron angle of 35 x 35 x 3mm; painted with bestquality epoxy coatings in black and white bends. The details of symbol foreach board shall be as per theinstruction of engineer in charge. The fixing at site shall be in 1:2:4 CC blockof size 45 x 45 x 60 Cms. for each leg.including excavation, curing etc.complete under the supervision of engineer in charge. A warranty for 10 years for the Retro reflective sheeting from original manufacturer &amp; a certified copy of 3 year outdoor exposure test report from third party test lab for the product offered shall be submitted by contractor. (A) Class-C Type-11 Retro Reflective sheeting</p>	Each	5848

Item Code	Description	Unit	SOR Rate for 2023-24
26094A	Regulatory/Mandatory signs :Providing and fixing sing boards made out of 2mm aluminium sheet; size 60cms. diameter circle as per the design of IRC-67-1977 pre treated with phospheting process & acid etching; coated with one coat of epoxy primer and two coats of best quality epoxy paint; reflectorised with retro refiective sheeting as per latest M.O.S.T. Specifications; 3.1m long stand post and frame fabricated from suitable size iron angle of 35 x 35 x 3mm 75x75x6mm as required; painted with best quality epoxy coatings in black and white bends. the details of symbol for each board shall be as per the instruction of engineer in charge. The fixing at site shall be in 1:2:4 CC block of size 45 x 45 x 60cms. for each leg. including excavation curing etc. complete under the supervision of engineer in charge.(A) Engineer Grade(VR)...	No	3082.28
26094B	Regulatory / Mandatory Sign :-Providing and fixing sign boards made out of 2mm aluminium sheet / 4mm ACP (Aluminum composite Panel); size 60 cms. Dia Circle as per design of IRC-67-2012. Pre treated with phospheting process & acid etching; coated with one coat of epoxy primer and two coats of best quality epoxy paint ; reflectorised with High Intensity Prismatic Grade retro refiectivesheeting of Type-4 as per ASTM D-4956 and latest M.O.S.T.Specifications; 3.6mtr long stand post of Iron Angle 75 x 75 x 6mm / 65NB Circular MS Pipe as required and frame fabricated from suitable size iron angle of 35 x 35 x 3mm; painted with bestquality epoxy coatings in black and white bends. The details of symbol for each board shall be as per the instruction of engineer in charge. The fixing at site shall be in 1:2:4 CC blockof size 45 x 45 x 60 Cms. for each leg including excavation, curing etc.complete under the supervision of engineer in charge. A warranty for 7 years for the Retro reflective sheeting from original manufacturer & a certified copy of 3 year outdoor exposure test report from third party test lab for the product offered shall be submitted by contractor. (B) Class-B Type-4 Retro Reflective sheeting.	No	3505.07

Item Code	Description	Unit	SOR Rate for 2023-24
26094C	Regulatory / Mandatory Sign :-Providing and fixing sign boards made out of 2mm aluminium sheet / 4mm ACP (Aluminum composite Panel); size 60 cms Dia Circle as per design of IRC-67-2012. Pre treated with phosphating process & acid etching; coated with one coat of epoxy primer and two coats of best quality epoxy paint ;reflectorised with Micro Prismatic Grade retro reflectivesheeting of Type-11 as per ASTM D-4956 and latest M.O.S.T.Specifications; 3.6mtr long stand post of 75 x 75 x 6mm / 65NB Circular MS Pipe as required and frame fabricated from suitable size iron angle of 35 x 35 x 3mm; painted with bestquality epoxy coatings in black and white bends. The details of symbol foreach board shall be as per theinstruction of engineer in charge. The fixing at site shall be in 1:2:4 CC blockof size 45 x 45 x 60 Cms. for each leg.including excavation, curing etc.complete under the supervision of engineer in charge. A warranty for 10 years for the Retro reflective sheeting from original manufacturer & a certified copy of 3 year outdoor exposure test report from third party test lab for the product offered shall be submitted by contractor. (A) Class-C Type-11 Retro Reflective sheeting	Each	4573
26095A	STOP SIGN:-Providing and fixing sing boards made out of 2mm aluminium sheet; size 90 x 90cms. rectangle as per the design of IRC-67-1977 pre treated with phosphating process & acid teching; coated with one coat of epoxy primer and two coats of best quality epoxy paint; reflectorised with retro reflective sheeting as per latest M.O.S.T. Specifications; 3.1m long stand post and frame fabricated from suitable size iron angle of 35 x 35 x 3mm 75x75x6mm as required; painted with best quality epoxy coatings in black and white bends. the details of symbol for each board shall be as per the instruction of engineer in charge. The fixing at site shall be in 1:2:4 CC block of size 45 x 45 x 60cms. for each leg. including excavation curing tec. complete under the supervision of engineer in charge.(A) Engineer Grade(VR)...	No	4629.76

Item Code	Description	Unit	SOR Rate for 2023-24
26095B	<p>STOP Sign :-Providing and fixing sign boards made out of 2mm aluminium sheet / 4mm ACP (Aluminum composite Panel); size 90 cms. Octagonal as per design of IRC-67-2012. Pre treated with phosphating process &amp; acid etching; coated with one coat of epoxy primer and two coats of best quality epoxy paint ; reflectorised with High Intensity Prismatic Grade retro reflectivesheeting of Type-4 as per ASTM D-4956 and latest M.O.S.T.Specifications; 3.6mtr long stand post of Iron Angle 75 x 75 x 6mm / 65NB Circular MS Pipe as required and frame fabricated from suitable size iron angle of 35 x 35 x 3mm; painted with bestquality epoxy coatings in black and white bends. The details of symbol for each board shall be as per the instruction of engineer in charge. The fixing at site shall be in 1:2:4 CC blockof size 45 x 45 x 60 Cms. for each leg including excavation, curing etc.complete under the supervision of engineer in charge. A warranty for 7 years for the Retro reflective sheeting from original manufacturer &amp; a certified copy of 3 year outdoor exposure test report from third party test lab for the product offered shall be submitted by contractor. (B) Class-B Type-4 Retro Reflective sheeting.</p>	No	6637.98
26095C	<p>STOP Sign :-Providing and fixing sign boards made out of 2mm aluminium sheet / 4mm ACP (Aluminum composite Panel); size 90 cms Octagone as per design of IRC-67-2012. Pre treated with phosphating process &amp; acid etching; coated with one coat of epoxy primer and two coats of best quality epoxy paint ;reflectorised with Micro Prismatic Grade retro reflectivesheeting of Type-11 as per ASTM D-4956 and latest M.O.S.T.Specifications; 3.6mtr long stand post of 75 x 75 x 6mm / 65NB Circular MS Pipe as required and frame fabricated from suitable size iron angle of 35 x 35 x 3mm; painted with bestquality epoxy coatings in black and white bends. The details of symbol foreach board shall be as per theinstruction of engineer in charge. The fixing at site shall be in 1:2:4 CC blockof size 45 x 45 x 60 Cms. for each leg.including excavation, curing etc.complete under the supervision of engineer in charge. A warranty for 10 years for the Retro reflective sheeting from original manufacturer &amp; a certified copy of 3 year outdoor exposure test report from third party test lab for the product offered shall be submitted by contractor. (A) Class-C Type-11 Retro Reflective sheeting</p>	Each	7142



Item Code	Description	Unit	SOR Rate for 2023-24
26096A	<p>Parking Signs :-Providing and fixing sing boards made out of 2mm aluminium sheet; size 60 x 60cms. square plus 60 x 20cms rectangular additional plate as as per the design of IRC-67-1977 pre treated with phosphating process &amp; acid etching; coated with one coat of epoxy primer and two coats of best quality epoxy paint; reflectorised with retro reflective sheeting as per latest M.O.S.T. Specifications; 3.1m long stand post and frame fabricated from suitable size iron angle of 35 x 35 x 3mm 75x75x6mm as required; painted with best quality epoxy coatings in black and white bends. the details of symbol for each board shall be as per the instruction of engineer in charge. The fixing at site shall be in 1:2:4 CC block of size 45 x 45 x 60cms. for each leg. including excavation curing etc. complete under the supervision of engineer in charge.(A) Engineer Grade(VR)...</p>	No	3795.75
26096B	<p>Parking Sign :-Providing and fixing sign boards made out of 2mm aluminium sheet / 4mm ACP (Aluminum composite Panel); size size 60 x 60cms. square plus 60 x 20cms rectangular additional plate as as per the design of IRC-67-2012. Pre treated with phosphating process &amp; acid etching; coated with one coat of epoxy primer and two coats of best quality epoxy paint ; reflectorised with High Intensity Prismatic Grade retro reflectivesheeting of Type-4 as per ASTM D-4956 and latest M.O.S.T.Specifications; 3.6mtr long stand post of Iron Angle 75 x 75 x 6mm / 65NB Circular MS Pipe as required and frame fabricated from suitable size iron angle of 35 x 35 x 3mm; painted with bestquality epoxy coatings in black and white bends. The details of symbol for each board shall be as per the instruction of engineer in charge. The fixing at site shall be in 1:2:4 CC blockof size 45 x 45 x 60 Cms. for each leg including excavation, curing etc.complete under the supervision of engineer in charge. A warranty for 7 years for the Retro reflective sheeting from original manufacturer &amp; a certified copy of 3 year outdoor exposure test report from third party test lab for the product offered shall be submitted by contractor. (B) Class-B Type-4 Retro Reflective sheeting.</p>	No	4351.31

Item Code	Description	Unit	SOR Rate for 2023-24
26096C	<p>Parking Sign :-Providing and fixing sign boards made out of 2mm aluminium sheet / 4mm ACP (Aluminum composite Panel); size size 60 x 60cms. square plus 60 x 20cms rectangular additional plate as as per the design of IRC-67-2012. Pre treated with phospheting process &amp; acid etching; coated with one coat of epoxy primer and two coats of best quality epoxy paint ;reflectorised with Micro Prismatic Grade retro reflectivesheeting of Type-11 as per ASTM D-4956 and latest M.O.S.T.Specifications; 3.6mtr long stand post of 75 x 75 x 6mm / 65NB Circular MS Pipe as required and frame fabricated from suitable size iron angle of 35 x 35 x 3mm; painted with bestquality epoxy coatings in black and white bends. The details of symbol foreach board shall be as per theinstruction of engineer in charge. The fixing at site shall be in 1:2:4 CC blockof size 45 x 45 x 60 Cms. for each leg.including excavation, curing etc.complete under the supervision of engineer in charge. A warranty for 10 years for the Retro reflective sheeting from original manufacturer &amp; a certified copy of 3 year outdoor exposure test report from third party test lab for the product offered shall be submitted by contractor. (A) Class-C Type-11 Retro Reflective sheeting</p>	Each	5848
26097A	<p>Give Way Sign :-Providing and fixing sing boards made out of 2mm aluminium sheet; size 90 x 90 x 90cms. equiletral tringle (inverted) as as per the design of IRC-67-1977 pre treated with phospheting process &amp; acid etching; coated with one coat of epoxy primer and two coats of best quality epoxy paint; reflectorised with retro reflective sheeting as per latest M.O.S.T. Specifications; 3.1m long stand post and frame fabricated from suitable size iron angle of 35 x 35 x 3mm 75x75x6mm as required; painted with best quality epoxy coatings in black and white bends. The fixing at site shall be in 1:2:4 CC block of size 45 x 45 x 60cms. for each leg. including excavation curing etc. complete under the supervision of engineer in charge.(A) Engineer Grade(VR)...</p>	No	3309.08

Item Code	Description	Unit	SOR Rate for 2023-24
26097B	Give Way Sign :-Providing and fixing sign boards made out of 2mm aluminium sheet / 4mm ACP (Aluminum composite Panel); size 90 x 90 x 90 cms. equilateral triangle as per design of IRC-67-2012. Pre treated with phosphating process & acid etching; coated with one coat of epoxy primer and two coats of best quality epoxy paint ; reflectorised with High Intensity Prismatic Grade retro reflectivesheeting of Type-4 as per ASTM D-4956 and latest M.O.S.T.Specifications; 3.6mtr long stand post of Iron Angle 75 x 75 x 6mm / 65NB Circular MS Pipe as required and frame fabricated from suitable size iron angle of 35 x 35 x 3mm; painted with bestquality epoxy coatings in black and white bends. The details of symbol for each board shall be as per the instruction of engineer in charge. The fixing at site shall be in 1:2:4 CC blockof size 45 x 45 x 60 Cms. for each leg including excavation, curing etc.complete under the supervision of engineer in charge. A warranty for 7 years for the Retro reflective sheeting from original manufacturer & a certified copy of 3 year outdoor exposure test report from third party test lab for the product offered shall be submitted by contractor. (B) Class-B Type-4 Retro Reflective sheeting	No	3867.51
26097C	Give Way Sign :-Providing and fixing sign boards made out of 2mm aluminium sheet / 4mm ACP (Aluminum composite Panel); size 90 x 90 x 90 cms. equilateral triangle as per design of IRC-67-2012. Pre treated with phosphating process & acid etching; coated with one coat of epoxy primer and two coats of best quality epoxy paint ;reflectorised with Micro Prismatic Grade retro reflectivesheeting of Type-11 as per ASTM D-4956 and latest M.O.S.T.Specifications; 3.6mtr long stand post of 75 x 75 x 6mm / 65NB Circular MS Pipe as required and frame fabricated from suitable size iron angle of 35 x 35 x 3mm; painted with bestquality epoxy coatings in black and white bends. The details of symbol foreach board shall be as per theinstruction of engineer in charge. The fixing at site shall be in 1:2:4 CC blockof size 45 x 45 x 60 Cms. for each leg.including excavation, curing etc.complete under the supervision of engineer in charge. A warranty for 10 years for the Retro reflective sheeting from original manufacturer & a certified copy of 3 year outdoor exposure test report from third party test lab for the product offered shall be submitted by contractor. (A) Class-C Type-11 Retro Reflective sheeting	Each	5027

Item Code	Description	Unit	SOR Rate for 2023-24
26098A	Direction sign (Junction board):-Providing and fixing sign boards made out of 2mm aluminium sheet; size 244 x 122cms. rectangle as as per the design of IRC-67-1977 pre treated with phosphating process & acid etching; coated with one coat of epoxy primer and two coats of best quality epoxy paint; reflectorised with retro reflective sheeting as per latest M.O.S.T. Specifications; Letters and numerals should be as per IRC-30-1968, 3.1m long (2 nos) stand post and frame fabricated from suitable size iron angle of 50 x 50 x 5mm 75x75x6mm as required; painted with best quality epoxy coatings in black and white bends. the details of symbol or inscription / numerals for each board shall be as per the instruction of engineer in charge. The fixing at site shall be in 1:2:4 CC block of size 45 x 45 x 60cms. for each leg. including excavation curing etc. complete under the supervision of engineer in charge.(A) Engineer Grade(VR)...	No	14684.86
26098B	Direction (Junction) Sign :-Providing and fixing sign boards made out of 2mm aluminium sheet / 4mm ACP (Aluminum composite Panel); size 244x122 cms. rectangular as per design of IRC-67-2012. Pre treated with phosphating process & acid etching; coated with one coat of epoxy primer and two coats of best quality epoxy paint ; reflectorised with High Intensity Prismatic Grade retro reflectivesheeting of Type-4 as per ASTM D-4956 and latest M.O.S.T.Specifications; 4.0mtr (2 Nos.) long stand post of Iron Angle 75 x 75 x 6mm / 65NB Circular MS Pipe as required and frame fabricated from suitable size iron angle of 50x50x5mm; painted with bestquality epoxy coatings in black and white bends. The details of symbol for each board shall be as per the instruction of engineer in charge. The fixing at site shall be in 1:2:4 CC blockof size 45 x 45 x 60 Cms. for each leg including excavation, curing etc.complete under the supervision of engineer in charge. A warranty for 7 years for the Retro reflective sheeting from original manufacturer & a certified copy of 3 year outdoor exposure test report from third party test lab for the product offered shall be submitted by contractor. (B) Class-B Type-4 Retro Reflective sheeting	No	21076.74

Item Code	Description	Unit	SOR Rate for 2023-24
26098C	Direction (Junction) Sign :-Providing and fixing sign boards made out of 2mm aluminium sheet / 4mm ACP (Aluminum composite Panel); size 244x122 cms. rectangular as per design of IRC-67-2012. Pre treated with phosphating process & acid etching; coated with one coat of epoxy primer and two coats of best quality epoxy paint ;reflectorised with Micro Prismatic Grade retro reflective sheeting of Type-11 as per ASTM D-4956 and latest M.O.S.T.Specifications; 4.0mtr long (2 Nos.) stand post of 75 x 75 x 6mm / 65NB Circular MS Pipe as required and frame fabricated from suitable size iron angle of 50 x 50 x 5mm; painted with best quality epoxy coatings in black and white bends. The details of symbol for each board shall be as per the instruction of engineer in charge. The fixing at site shall be in 1:2:4 CC block of size 45 x 45 x 60 Cms. for each leg.including excavation, curing etc.complete under the supervision of engineer in charge. A warranty for 10 years for the Retro reflective sheeting from original manufacturer & a certified copy of 3 year outdoor exposure test report from third party test lab for the product offered shall be submitted by contractor. (A) Class-C Type-11 Retro Reflective sheeting	Each	26309
26099A	Distance Informatory/ Destubatuib sign :Providing and fixing sign boards made out of 2mm aluminium sheet; size 180 x 120cms. rectangle as as per the design of IRC-67-1977 pre treated with phosphating process & acid etching; coated with one coat of epoxy primer and two coats of best quality epoxy paint; reflectorised with retro reflective sheeting as per latest M.O.S.T. Specifications; Letters and numerals should be as per IRC-30-1968, 3.1m long (2 nos) stand post and frame fabricated from suitable size iron angle of 50 x 50 x 5mm 75 x 75 x 6mm as required; painted with best quality epoxy coatings in black and white bends. the details of symbol or inscription / numerals for each board shall be as per the instruction of engineer in charge. The fixing at site shall be in 1:2:4 CC block of size 45 x 45 x 60cms. for each leg. including excavation curing etc. complete under the supervision of engineer in charge.(A) Engineer Grade(VR)...	No	10818.39

Item Code	Description	Unit	SOR Rate for 2023-24
26099B	Distance Informatory / Destination Sign :-Providing and fixing sign boards made out of 2mm aluminium sheet / 4mm ACP (Aluminum composite Panel); size 180x120 cms. rectangular as per design of IRC-67-2012. Pre treated with phospheting process & acid etching; coated with one coat of epoxy primer and two coats of best quality epoxy paint ; reflectorised with High Intensity Prismatic Grade retro reflectivesheeting of Type 4 as per ASTM D-4956 and latest M.O.S.T.Specifications; 4.0mtr (2 Nos.) long stand post of Iron Angle 75 x 75 x 6mm / 65NB Circular MS Pipe as required and frame fabricated from suitable size iron angle of 50 x 50 x 5mm; painted with bestquality epoxy coatings in black and white bends. The details of symbol for each board shall be as per the instruction of engineer in charge. The fixing at site shall be in 1:2:4 CC blockof size 45 x 45 x 60 Cms. for each leg including excavation, curing etc.complete under the supervision of engineer in charge. A warranty for 7 years for the Retro reflective sheeting from original manufacturer & a certified copy of 3 year outdoor exposure test report from third party test lab for the product offered shall be submitted by contractor. (B) Class-B Type-4 Retro Reflective sheeting	No	18073.46

Item Code	Description	Unit	SOR Rate for 2023-24
26099C	Distance Informatory / Destination Sign :-Providing and fixing sign boards made out of 2mm aluminium sheet / 4mm ACP (Aluminum composite Panel); size 180x120 cms. rectangular as per design of IRC-67-2012. Pre treated with phosphating process & acid etching; coated with one coat of epoxy primer and two coats of best quality epoxy paint ;reflectorised with Micro Prismatic Grade retro reflectivesheeting of Type-11 as per ASTM D-4956 and latest M.O.S.T.Specifications; 4.0mtr long (2 Nos.) stand post of 75 x 75 x 6mm / 65NB Circular MS Pipe as required and frame fabricated from suitable size iron angle of 50 x 50 x 5mm; painted with bestquality epoxy coatings in black and white bends. The details of symbol foreach board shall be as per theinstruction of engineer in charge. The fixing at site shall be in 1:2:4 CC blockof size 45 x 45 x 60 Cms. for each leg.including excavation, curing etc.complete under the supervision of engineer in charge. A warranty for 10 years for the Retro reflective sheeting from original manufacturer & a certified copy of 3 year outdoor exposure test report from third party test lab for the product offered shall be submitted by contractor. (A) Class-C Type-11 Retro Reflective sheeting	Each	20711
26100A	Place identification sign :-Providing and fixing sign boards made out of 2mm aluminium sheet; size 150 x 90cms. rectangle as as per the design of IRC-67-1977 pre treated with phosphating process & acid etching; coated with one coat of epoxy primer and two coats of best quality epoxy paint; reflectorised with retro reflective sheeting as per latest M.O.S.T. Specifications; Letters and numerals should be as per IRC-30-1968, 3.1m long (2 nos) stand post and frame fabricated from suitable size iron angle of 50x50x5mm 75x75x6mm as required; painted with best quality epoxy coatings in black and white bends. the details of symbol or inscription / numerals for each board shall be as per the instruction of engineer in charge. The fixing at site shall be in 1:2:4 CC block of size 45 x 45 x 60cms. for each leg. including excavation curing etc. complete under the supervision of engineer in charge.(A) Engineer Grade(VR)...	No	9297.68

Item Code	Description	Unit	SOR Rate for 2023-24
26100B	Place Identification Sign :-Providing and fixing sign boards made out of 2mm aluminium sheet / 4mm ACP (Aluminum composite Panel); size 150x90 cms. rectangular as per design of IRC-67-2012. Pre treated with phosphating process & acid etching; coated with one coat of epoxy primer and two coats of best quality epoxy paint ; reflectorised with High Intensity Prismatic Grade retro reflectivesheeting of Type-4 as per ASTM D-4956 and latest M.O.S.T.Specifications; 4.0mtr (2 Nos.) long stand post of Iron Angle 75 x 75 x 6mm / 65NB Circular MS Pipe as required and frame fabricated from suitable size iron angle of 35 x 35 x 3mm; painted with bestquality epoxy coatings in black and white bends. The details of symbol for each board shall be as per the instruction of engineer in charge. The fixing at site shall be in 1:2:4 CC blockof size 45 x 45 x 60 Cms. for each leg including excavation, curing etc.complete under the supervision of engineer in charge. A warranty for 7 years for the Retro reflective sheeting from original manufacturer & a certified copy of 3 year outdoor exposure test report from third party test lab for the product offered shall be submitted by contractor. (B) Class-B Type-4 Retro Reflective sheeting	No	12219.33
26100C	Place Identification Sign :-Providing and fixing sign boards made out of 2mm aluminium sheet / 4mm ACP (Aluminum composite Panel); size 150x90 cms. rectangular as per design of IRC-67-2012. Pre treated with phosphating process & acid etching; coated with one coat of epoxy primer and two coats of best quality epoxy paint ;reflectorised with Micro Prismatic Grade retro reflectivesheeting of Type-11 as per ASTM D-4956 and latest M.O.S.T.Specifications; 4.0mtr long (2 Nos.) stand post of 75 x 75 x 6mm / 65NB Circular MS Pipe as required and frame fabricated from suitable size iron angle of 35 x 35 x 3mm; painted with bestquality epoxy coatings in black and white bends. The details of symbol foreach board shall be as per theinstruction of engineer in charge. The fixing at site shall be in 1:2:4 CC blockof size 45 x 45 x 60 Cms. for each leg.including excavation, curing etc.complete under the supervision of engineer in charge. A warranty for 10 years for the Retro reflective sheeting from original manufacturer & a certified copy of 3 year outdoor exposure test report from third party test lab for the product offered shall be submitted by contractor. (A) Class-C Type-11 Retro Reflective sheeting	Each	13946



Item Code	Description	Unit	SOR Rate for 2023-24
26101A	Village name/ Bump Ahead sign :-Providing and fixing sign boards made out of 2mm aluminium sheet; size 90 x 60cms. rectangle as as per the design of IRC-67-1977 pre treated with phosphating process & acid etching; coated with one coat of epoxy primer and two coats of best quality epoxy paint; reflectorised with retro reflective sheeting as per latest M.O.S.T. Specifications; Letters and numerals should be as per IRC-30-1968, 3.1m long (2 nos) stand post and frame fabricated from suitable size iron angle of 50 x 50 x 5mm painted with best quality epoxy coatings in black and white bends. the details of symbol or inscription / numerals for each board shall be as per the instruction of engineer in charge. The fixing at site shall be in 1:2:4 CC block of size 45 x 45 x 60cms. for each leg. including excavation curing etc. complete under the supervision of engineer in charge.(A) Engineer Grade(VR)...	No	4794.3
26101B	Village name Sign :-Providing and fixing sign boards made out of 2mm aluminium sheet / 4mm ACP (Aluminum composite Panel); size 90x60 cms. rectangular as per design of IRC-67-2012. Pre treated with phosphating process & acid etching; coated with one coat of epoxy primer and two coats of best quality epoxy paint ; reflectorised with High Intensity Prismatic Grade retro reflectivesheeting of Type-4 as per ASTM D-4956 and latest M.O.S.T.Specifications; 3.3mtr long stand post of Iron Angle 75 x 75 x 6mm / 65NB Circular MS Pipe as required and frame fabricated from suitable size iron angle of 35 x 35 x 3mm; painted with bestquality epoxy coatings in black and white bends. the details of symbol or inscription / numerals for each board shall be as per the instruction of engineer in charge. The fixing at site shall be in 1:2:4 CC blockof size 45 x 45 x 60 Cms. for each leg including excavation, curing etc.complete under the supervision of engineer in charge. A warranty for 7 years for the Retro reflective sheeting from original manufacturer & a certified copy of 3 year outdoor exposure test report from third party test lab for the product offered shall be submitted by contractor. (B) Class-B Type-4 Retro Reflective sheeting	No	6334.09

Item Code	Description	Unit	SOR Rate for 2023-24
26101C	<p>Village Name Sign :-Providing and fixing sign boards made out of 2mm aluminium sheet / 4mm ACP (Aluminum composite Panel); size 90x60 cms. rectangular as per design of IRC-67-2012. Pre treated with phosphating process &amp; acid etching; coated with one coat of epoxy primer and two coats of best quality epoxy paint ;reflectorised with Micro Prismatic Grade retro reflectivesheeting of Type-11 as per ASTM D-4956 and latest M.O.S.T.Specifications; 3.3mtr long stand post of 75 x 75 x 6mm / 65NB Circular MS Pipe as required and frame fabricated from suitable size iron angle of 35 x 35 x 3mm; painted with bestquality epoxy coatings in black and white bends. The details of symbol or inscription/letters / numerals for each board shall be as per the instruction of engineer in charge. The fixing at site shall be in 1:2:4 CC blockof size 45 x 45 x 60 Cms. for each leg.including excavation, curing etc.complete under the supervision of engineer in charge. A warranty for 10 years for the Retro reflective sheeting from original manufacturer &amp; a certified copy of 3 year outdoor exposure test report from third party test lab for the product offered shall be submitted by contractor. (A) Class-C Type-11 Retro Reflective sheeting</p>	Each	6251
26102A	<p>Hazard Marker Sign :-Providing and fixing sing boards made out of 2mm aluminium sheet; size 90 x 30cms. rectangle as as per the design/drawing attached (IRC) pretreated with phosphating process &amp; acid etching; coated with one coat of epoxy primer and two coats of best quality epoxy paint; reflectorised with retro reflective sheeting as per latest M.O.S.T. Specifications; 3.1m long stand post and frame fabricated from suitable size iron angle of 35 x 35 x 3mm &amp; 50 x 50 x 5mm painted with best quality epoxy coatings The fixing at site shall be in 1:2:4 CC block of size 45x45x 60cms. for each leg. including excavation curing etc. complete under the supervision of engineer in charge.(A) Engineer Grade(VR)...</p>	No	2399.74

Item Code	Description	Unit	SOR Rate for 2023-24
26102B	<p>Hazard Marker Sign :-Providing and fixing sign boards made out of 2.0 mm aluminium sheet / 4 mm ACP (Aluminum composite Panel); size 90x30 cms. rectangular as per design of IRC-67-2012. Pre treated with phospheting process &amp; acid etching; coated with one coat of epoxy primer and two coats of best quality epoxy paint ; reflectorised with High Intensity Prismatic Grade retro reflectivesheeting of Type-4 as per ASTM D-4956 and latest M.O.S.T.Specifications; 1.8mtr long stand post of Iron Angle 75 x 75 x 6mm / 65NB Circular MS Pipe as required and frame fabricated from suitable size iron angle of 35 x 35 x 3mm; painted with bestquality epoxy coatings in black and white bends. The details of symbol for each board shall be as per the instruction of engineer in charge. The fixing at site shall be in 1:2:4 CC blockof size 45 x 45 x 60 Cms. for each leg including excavation, curing etc.complete under the supervision of engineer in charge. A warranty for 7 years for the Retro reflective sheeting from original manufacturer &amp; a certified copy of 3 year outdoor exposure test report from third party test lab for the product offered shall be submitted by contractor. (B) Class-B Type-4 Retro Reflective sheeting</p>	No	3483.85
26102C	<p>Hazard Marker Sign :-Providing and fixing sign boards made out of 2.0 mm aluminium sheet / 4 mm ACP (Aluminum composite Panel); size 90x30 cms. rectangular as per design of IRC-67-2012. Pre treated with phospheting process &amp; acid etching; coated with one coat of epoxy primer and two coats of best quality epoxy paint ;reflectorised with Micro Prismatic Grade retro reflectivesheeting of Type-11 as per ASTM D-4956 and latest M.O.S.T.Specifications; 1.8mtr long stand post of 75 x 75 x 6mm / 65NB Circular MS Pipe as required and frame fabricated from suitable size iron angle of 35 x 35 x 3mm; painted with bestquality epoxy coatings in black and white bends. The details of symbol foreach board shall be as per theinstruction of engineer in charge. The fixing at site shall be in 1:2:4 CC blockof size 45 x 45 x 60 Cms. for each leg.including excavation, curing etc.complete under the supervision of engineer in charge. A warranty for 10 years for the Retro reflective sheeting from original manufacturer &amp; a certified copy of 3 year outdoor exposure test report from third party test lab for the product offered shall be submitted by contractor. (A) Class-C Type-11 Retro Reflective sheeting</p>	Each	3630

Item Code	Description	Unit	SOR Rate for 2023-24
26103A	Sign Board per square Meter :-Providing and fixing sing boards made out of 2mm aluminium sheet; size 1 Meter x 1 Meter as as per the design given by engineer in charge pre treated with phospheting process & acid etching; coated with one coat of epoxy primer and two coats of best quality epoxy paint; reflectorised with retro refiective sheeting as per latest M.O.S.T. Specifications; Letters and numerals should be as per IRC-30-1968, 3.1m long (2 nos) stand post and frame may be fabricated either from suitable size iron angle of 35 x 35x 3mm & 50 x 50 x 5mm & 75 x 75 x 6mm as required painted with best quality epoxy coatings in black and white bends. the details of symbol or inscription / numerals for each board shall be as per the instruction of engineer in charge. The fixing at site shall be in 1:2:4 CC block of size 45 x 45 x 60cms. for each leg. including excavation curing etc. complete under the supervision of engineer in charge.(A) Engineer Grade(VR)...	No	7539.98
26103B	Sign board per Square Meter :-Providing and fixing sign boards made out of 2mm aluminium sheet / 4mm ACP (Aluminum composite Panel); size 1 meter x 1meter as per design of IRC-67-2012. Pre treated with phospheting process & acid etching; coated with one coat of epoxy primer and two coats of best quality epoxy paint ; reflectorised with High Intensity Prismatic Grade retro refiectivesheeting of Type-4 as per ASTM D-4956 and latest M.O.S.T.Specifications; 4 mtr long stand post (2 Nos.) of Iron Angle 75 x 75 x 6mm / 65NB Circular MS Pipe as required and frame fabricated from suitable size iron angle of 50x50x5mm; painted with bestquality epoxy coatings in black and white bends. the details of symbol or inscription / numerals for each board shall be as per the instruction of engineer in charge. The fixing at site shall be in 1:2:4 CC blockof size 45 x 45 x 60 Cms. for each leg including excavation, curing etc.complete under the supervision of engineer in charge. A warranty for 7 years for the Retro reflective sheeting from original manufacturer & a certified copy of 3 year outdoor exposure test report from third party test lab for the product offered shall be submitted by contractor. (B) Class-B Type-4 Retro Reflective sheeting	No	7815.86

Item Code	Description	Unit	SOR Rate for 2023-24
26103C	Sign board per Squate Meter :-Providing and fixing sign boards made out of 2mm aluminium sheet / 4mm ACP (Aluminum composite Panel); size 1meter x1 meter as per design of IRC-67-2012. Pre treated with phosphating process & acid etching; coated with one coat of epoxy primer and two coats of best quality epoxy paint ;reflectorised with Micro Prismatic Grade retro reflectivesheeting of Type-11 as per ASTM D-4956 and latest M.O.S.T.Specifications; 4 mtr long stand post (2 Nos.) of 75 x 75 x 6mm / 65NB Circular MS Pipe as required and frame fabricated from suitable size iron angle of 50 x 50 x 5mm; painted with bestquality epoxy coatings in black and white bends. the details of symbol or inscription / numerals for each board shall be as per the instruction of engineer in charge.The fixing at site shall be in 1:2:4 CC blockof size 45 x 45 x 60 Cms. for each leg.including excavation, curing etc.complete under the supervision of engineer in charge. A warranty for 10 years for the Retro reflective sheeting from original manufacturer & a certified copy of 3 year outdoor exposure test report from third party test lab for the product offered shall be submitted by contractor. (A) Class-C Type-11 Retro Reflective sheeting	Each	12189
26104A	Men at work (Heavy) sign :-Providing and fixing sing boards made out of 2mm aluminium sheet; size 120 x 90cms. rectangle as as per the attached drawing. pre treated with phosphating process & acid etching; coated with one coat of epoxy primer and two coats of best quality epoxy paint; reflectorised with retro reflective sheeting as per latest M.O.S.T. Specifications; Letters and numerals should be as per IRC-30-1968, 3.1m long (2 nos) stand post and frame fabricated from suitable size iron angle of 50 x 50 x 5mm painted with best quality epoxy coatings in black and white bends. the details of symbol or inscription / numerals for each board shall be as per the instruction of engineer in charge. The fixing at site shall be in 1:2:4 CC block of size 45 x 45 x 60cms. for each leg. including excavation curing etc. complete under the supervision of engineer in charge.(A) Engineer Grade(VR)...	No	6080.4

Item Code	Description	Unit	SOR Rate for 2023-24
26104B	Men at work (Heavy) sign :-Providing and fixing sign boards made out of 2mm aluminium sheet / 4mm ACP (Aluminum composite Panel); size 120cm x 90cm as per design of IRC-67-2012. Pre treated with phosphating process & acid etching; coated with one coat of epoxy primer and two coats of best quality epoxy paint ; reflectorised with High Intensity Prismatic Grade retro reflectivesheeting of Type-4 as per ASTM D-4956 and latest M.O.S.T.Specifications; 3.6 mtr long stand post (2 Nos.) of Iron Angle 75 x 75 x 6mm / 65NB Circular MS Pipe as required and frame fabricated from suitable size iron angle of 50x50x5mm; painted with bestquality epoxy coatings in black and white bends. the details of symbol or inscription / numerals for each board shall be as per the instruction of engineer in charge. The fixing at site shall be in 1:2:4 CC blockof size 45 x 45 x 60 Cms. for each leg including excavation, curing etc.complete under the supervision of engineer in charge. A warranty for 7 years for the Retro reflective sheeting from original manufacturer & a certified copy of 3 year outdoor exposure test report from third party test lab for the product offered shall be submitted by contractor. (B) Class-B Type-4 Retro Reflective sheeting	No	9057.58
26104C	Men at work (Heavy) sign :-Providing and fixing sign boards made out of 2mm aluminium sheet / 4mm ACP (Aluminum composite Panel); size 120cm x90cm rectangular as per design of IRC-67-2012. Pre treated with phosphating process & acid etching; coated with one coat of epoxy primer and two coats of best quality epoxy paint ;reflectorised with Micro Prismatic Grade retro reflectivesheeting of Type-11 as per ASTM D-4956 and latest M.O.S.T.Specifications; 3.6 mtr long stand post (2 Nos.) of 75 x 75 x 6mm / 65NB Circular MS Pipe as required and frame fabricated from suitable size iron angle of 50 x 50 x 5mm; painted with bestquality epoxy coatings in black and white bends. the details of symbol or inscription / numerals for each board shall be as per the instruction of engineer in charge.The fixing at site shall be in 1:2:4 CC blockof size 45 x 45 x 60 Cms. for each leg.including excavation, curing etc.complete under the supervision of engineer in charge. A warranty for 10 years for the Retro reflective sheeting from original manufacturer & a certified copy of 3 year outdoor exposure test report from third party test lab for the product offered shall be submitted by contractor. (A) Class-C Type-11 Retro Reflective sheeting	Each	12091

Item Code	Description	Unit	SOR Rate for 2023-24
26105A	Men at work (2' x 2') sign :-Providing and fixing sign boards made out of 2mm aluminium sheet; size 60 x 60cms. square as per the attached drawing. pretreated with phosphating process & acid etching coated with one coat of epoxy primer and two coats of best quality epoxy paint; reflectorised with retro reflective sheeting as per latest M.O.S.T. Specifications; 3.10m long stand post and frame fabricated from iron angle of 35 x 35 x 3mm and 50 x 50 x 5mm as required. Painted with best quality epoxy coatings in black and white bends. The fixing at site shall be in 1:2:4 CC block of size 45 x 45 x 60cms. for each leg. including excavation curing etc. complete under the supervision of engineer in charge.(A) Engineer Grade(VR)...	No	3132.68
26105B	Men at work (2' x 2') sign :-Providing and fixing sign boards made out of 2.0 mm aluminium sheet / 4 mm ACP (Aluminum composite Panel); size 60cmx60cm as per design of IRC-67-2012. Pre treated with phosphating process & acid etching; coated with one coat of epoxy primer and two coats of best quality epoxy paint; reflectorised with High Intensity Prismatic Grade retro reflective sheeting of Type-4 as per ASTM D-4956 and latest M.O.S.T. Specifications; 3.3 mtr long stand post of Iron Angle 75 x 75 x 6mm / 65NB Circular MS Pipe as required and frame fabricated from suitable size iron angle of 50x50x5mm; painted with best quality epoxy coatings in black and white bends. the details of symbol or inscription / numerals for each board shall be as per the instruction of engineer in charge. The fixing at site shall be in 1:2:4 CC block of size 45 x 45 x 60 Cms. for each leg including excavation, curing etc. complete under the supervision of engineer in charge. A warranty for 7 years for the Retro reflective sheeting from original manufacturer & a certified copy of 3 year outdoor exposure test report from third party test lab for the product offered shall be submitted by contractor. (B) Class-B Type-4 Retro Reflective sheeting	No	3598.86

Item Code	Description	Unit	SOR Rate for 2023-24
26105C	Men at work (2' x 2') sign :-Providing and fixing sign boards made out of 2.0 mm aluminium sheet / 4 mm ACP(Aluminum composite Panel); size 60cm x 60cm square as per design of IRC-67-2012. Pre treated with phosphating process & acid etching; coated with one coat of epoxy primer and two coats of best quality epoxy paint ;reflectorised with Micro Prismatic Grade retro reflective sheeting of Type-11 as per ASTM D-4956 and latest M.O.S.T.Specifications; 3.3 mtr long stand post of 75 x 75 x 6mm / 65NB Circular MS Pipe as required and frame fabricated from suitable size iron angle of 50 x 50 x 5mm; painted with best quality epoxy coatings in black and white bends. the details of symbol or inscription / numerals for each board shall be as per the instruction of engineer in charge.The fixing at site shall be in 1:2:4 CC block of size 45 x 45 x 60 Cms. for each leg.including excavation, curing etc.complete under the supervision of engineer in charge. A warranty for 10 years for the Retro reflective sheeting from original manufacturer & a certified copy of 3 year outdoor exposure test report from third party test lab for the product offered shall be submitted by contractor. (A) Class-C Type-11 Retro Reflective sheeting	Each	4913
26106A	Men at work (Folding) sign :-Providing and fixing sign boards made out of 2mm aluminium sheet; size 60 x 60x 60 cms. equilateral as as per the attached drawing. pre treated with phosphating process & acid etching coated with one coat of epoxy primer and two coats of best quality epoxy paint; reflectorised with retro reflective sheeting as per latest M.O.S.T. Specifications; stand post and frame fabricated as per attached drawing painted with best quality epoxy coatings The details of symbol or in inscription or numerals as per attached drawing(A) Engineer Grade(VR)...	No	1008.5



Item Code	Description	Unit	SOR Rate for 2023-24
26106B	Men at work (Folding) sign :-Providing and fixing sign boards made out of 2.0 mm aluminium sheet / 4 mm ACP (Aluminum composite Panel); size 60x60x60cm equilateral Triangular as per design of IRC-67-2012. Pre treated with phosphating process & acid etching; coated with one coat of epoxy primer and two coats of best quality epoxy paint ; reflectorised with High Intensity Prismatic Grade retro reflectivesheeting of Type 4 as per ASTM D-4956 and latest M.O.S.T.Specifications; 3.3 mtr long stand post of Iron Angle 75 x 75 x 6mm / 65NB Circular MS Pipe as required and frame fabricated from suitable size iron angle of 35x35x3mm; painted with bestquality epoxy coatings in black and white bends. the details of symbol or inscription / numerals for each board shall be as per the instruction of engineer in charge. A warranty for 7 years for the Retro reflective sheeting from original manufacturer & a certified copy of 3 year outdoor exposure test report from third party test lab for the product offered shall be submitted by contractor. (B) Class-B Type-4 Retro Reflective sheeting	No	1447.44
26106C	Men at work (Folding ) sign :-Providing and fixing sign boards made out of 2.0 mm aluminium sheet / 4 mm ACP (Aluminum composite Panel); size 60x60 x 60cm equilateral triangular as per design of IRC-67-2012. Pre treated with phosphating process & acid etching; coated with one coat of epoxy primer and two coats of best quality epoxy paint ; reflectorised with Micro Prismatic Grade retro reflectivesheeting of Type-11 as per ASTM D-4956 and latest M.O.S.T.Specifications; 3.3 mtr long stand post of 75 x 75 x 6mm / 65NB Circular MS Pipe as required and frame fabricated from suitable size iron angle of 35 x 35 x 3mm; painted with bestquality epoxy coatings in black and white bends. the details of symbol or inscription / numerals for each board shall be as per the instruction of engineer in charge. A warranty for 10 years for the Retro reflective sheeting from original manufacturer & a certified copy of 3 year outdoor exposure test report from third party test lab for the product offered shall be submitted by contractor. (A) Class-C Type-11 Retro Reflective sheeting	Each	3473

Item Code	Description	Unit	SOR Rate for 2023-24
26107A	Tree guard sign :-Providing & fixing sign board made out of 2mm aluminium sheet, size 30cms diameter circle, pretreated with phosphating process and acid etching, painted with one coat of epoxy primer and two coats of best quality epoxy paint reflectorised with retro reflective sheeting as per latest M.O.S.T. specifications (As per attached drawing)(A) Engineer Grade(VR)...	No	404.78
26107B	Tree Guard sign :-Providing & fixing sign board made out of 2mm aluminium sheet / 3mm ACP (Aluminum composite Panel) ,size 30cms diameter circle, pretreated with phosphating process and acid etching, painted with one coat of epoxy primer and two coats of best quality epoxy paint reflectorised with retro reflective sheeting as per latest M.O.S.T. specifications. A warranty for 7 years for the Retro reflective sheeting from original manufacturer & a certified copy of 3 year outdoor exposure test report from third party test lab for the product offered shall be submitted by contractor. (B) Class-B Type-4 Retro Reflective sheeting	No	585.13
26107C	Tree Guard sign :-Providing & fixing sign board made out of 2mm aluminium sheet / 3mm ACP (Aluminum composite Panel) , size 30cms diameter circle, pretreated with phosphating process and acid etching, painted with one coat of epoxy primer and two coats of best quality epoxy paint reflectorised with retro reflective sheeting as per latest M.O.S.T. specifications. A warranty for 10 years for the Retro reflective sheeting from original manufacturer & a certified copy of 3 year outdoor exposure test report from third party test lab for the product offered shall be submitted by contractor. (A) Class-C Type-11 Retro Reflective sheeting	Each	526

Item Code	Description	Unit	SOR Rate for 2023-24
26108A	Route marker sign :-Providing & fixing sign boards made out of 2mm aluminium sheet, size 60x45cms. rectangle plus 30x25cms additional plate as per the attached drawing (IRC) pre treated with phosphating process & acid etching. coated with one coat of epoxy primer and two coats of best quality epoxy paint reflectorised with retro sheeting as per latest M.O.S.T. Specifications ; 3.1m long stand post and frame fabricated from iron angle of 35 x 35 x 3mm , 75x75x6mm as required, painted with best quality epoxy coating in black and white bends The details of numerals for each board shall be as per the instruction of engineer in charge. The fixing at site shall be in 1:2:4 CC block of size 45 x 45x 60cms. for each leg, including excavation curing etc. complete under the supervision of engineer in charge.(A) Engineer Grade(VR)...	No	3157.88
26108B	Route Marker sign :-Providing and fixing sign boards made out of 2.0 mm aluminium sheet / 4 mm ACP (Aluminum composite Panel); size 60x45cm rectangular plus 30x25cm additional plate as per design of IRC-67-2012. Pre treated with phosphating process & acid etching; coated with one coat of epoxy primer and two coats of best quality epoxy paint ; reflectorised with High Intensity Prismatic Grade retro reflectivesheeting of Type-4 as per ASTM D-4956 and latest M.O.S.T.Specifications; 3.6 mtr long stand post of Iron Angle 75 x 75 x 6mm / 65NB Circular MS Pipe as required and frame fabricated from suitable size iron angle of 35x35x3mm; painted with bestquality epoxy coatings in black and white bends. the details of symbol or inscription / numerals for each board shall be as per the instruction of engineer in charge. The fixing at site shall be in 1:2:4 CC blockof size 45 x 45 x 60 Cms. for each leg including excavation, curing etc.complete under the supervision of engineer in charge. A warranty for 7 years for the Retro reflective sheeting from original manufacturer & a certified copy of 3 year outdoor exposure test report from third party test lab for the product offered shall be submitted by contractor. (B) Class-B Type-4 Retro Reflective sheeting	No	3804.16

Item Code	Description	Unit	SOR Rate for 2023-24
26108C	Route Marker sign :-Providing and fixing sign boards made out of 2.0 mm aluminium sheet / 4 mm ACP (Aluminum composite Panel); size 60x45 cm rectangular plus 30x25cm additional plate as per design of IRC-67-2012. Pre treated with phosphating process & acid etching; coated with one coat of epoxy primer and two coats of best quality epoxy paint ;reflectorised with Micro Prismatic Grade retro reflectivesheeting of Type-11 as per ASTM D-4956 and latest M.O.S.T.Specifications; 3.6 mtr long stand post of 75 x 75 x 6mm / 65NB Circular MS Pipe as required and frame fabricated from suitable size iron angle of 35x 35 x 3mm; painted with bestquality epoxy coatings in black and white bends. the details of symbol or inscription / numerals for each board shall be as per the instruction of engineer in charge.The fixing at site shall be in 1:2:4 CC blockof size 45 x 45 x 60 Cms. for each leg.including excavation, curing etc.complete under the supervision of engineer in charge. A warranty for 10 years for the Retro reflective sheeting from original manufacturer & a certified copy of 3 year outdoor exposure test report from third party test lab for the product offered shall be submitted by contractor. (A) Class-C Type-11 Retro Reflective sheeting	Each	5058
26109A	Danger Plate Sign :-Providing & fixing sign board made out of 2mm aluminium sheet, size 30cms diameter circle, pretreated with phosphating process and acid etching, painted with one coat of epoxy primer and two coats of best quality epoxy paint reflectorised with retro reflective sheeting as per latest M.O.S.T. specifications (As per attached drawng)(A) Engineer Grade(VR)...	No	404.78
26109B	Danger Plate sign :-Providing & fixing sign board made out of 2.0 mm aluminium sheet / 4 mm ACP (aluminum Composite Panel), size 30cms diameter circle, pretreated with phosphating process and acid etching, painted with one coat of epoxy primer and two coats of best quality epoxy paint reflectorised with retro reflective sheeting as per latest M.O.S.T. specifications. A warranty for 7 years for the Retro reflective sheeting from original manufacturer & a certified copy of 3 year outdoor exposure test report from third party test lab for the product offered shall be submitted by contractor. (A) Class-B Type-4 Retro Reflective sheeting	No	585.13

Item Code	Description	Unit	SOR Rate for 2023-24
26109C	Danger Plate :-Providing & fixing sign board made out of 2.0 mm aluminium sheet / 4 mm ACP (aluminum Composite Panel), size 30cms diameter circle, pretreated with phosphating process and acid etching, painted with one coat of epoxy primer and two coats of best quality epoxy paint reflectorised with retro reflective sheeting as per latest M.O.S.T. specifications. A warranty for 10 years for the Retro reflective sheeting from original manufacturer & a certified copy of 3 year outdoor exposure test report from third party test lab for the product offered shall be submitted by contractor. (A) Class-C Type-11 Retro Reflective sheeting	Each	526
26110A	Railway crossing sign:Providing & Fixing sign boards made out of 2mm aluminium sheet, size 90x90x90cms. triangle plus 90 x 30cms additional plate as per the attached drawing (IRC) pre treated with phosphating process & acid etching. coated with one coat of epoxy primer and two coats of best quality epoxy paint reflectorised with retro sheeting as per latest M.O.S.T. Specifications 3.1. long stand post and frame fabricated from iron angle of 35 x 35 x 3mm , 75 x 75 x 6mm as required painted with best quality epoxy coatings in black and white bends. The fixing at site shall be in 1:2:4 CC block of size 45 x 45 x 60 cms for each leg. including excavation curing etc. complete the supervision of engineer in charge.(A) Engineer Grade(VR)...	No	4791.15

Item Code	Description	Unit	SOR Rate for 2023-24
26110B	<p>Railway crossing sign :-Providing and fixing sign boards made out of 2mm aluminium sheet / 4mm ACP (Aluminum composite Panel); size 90 x 90 x 90 cms. equilateral triangle plus 90x30cm additional plate as per design of IRC-67-2012. Pre treated with phosphating process &amp; acid etching; coated with one coat of epoxy primer and two coats of best quality epoxy paint ; reflectorised with High Intensity Prismatic Grade retro reflectivesheeting of Type-4 as per ASTM D-4956 and latest M.O.S.T.Specifications; 3.6mtr long stand post of Iron Angle 75 x 75 x 6mm / 65NB Circular MS Pipe as required and frame fabricated from suitable size iron angle of 35 x 35 x 3mm; painted with bestquality epoxy coatings in black and white bends. The details of symbol for each board shall be as per the instruction of engineer in charge. The fixing at site shall be in 1:2:4 CC blockof size 45 x 45 x 60 Cms. for each leg including excavation, curing etc.complete under the supervision of engineer in charge. A warranty for 7 years for the Retro reflective sheeting from original manufacturer &amp; a certified copy of 3 year outdoor exposure test report from third party test lab for the product offered shall be submitted by contractor. (B) Class-B Type-4 Retro Reflective sheeting</p>	No	5293.18

Item Code	Description	Unit	SOR Rate for 2023-24
26110C	<p>Railway crossing sign :-Providing and fixing sign boards made out of 2mm aluminium sheet / 4mm ACP (Aluminum composite Panel); size 90 x 90 x 90 cms. equilateral triangle plus 90x30cm additional plate as per design of IRC-67-2012. Pre treated with phospheting process &amp; acid etching; coated with one coat of epoxy primer and two coats of best quality epoxy paint ;reflectorised with Micro Prismatic Grade retro reflectivesheeting of Type-11 as per ASTM D-4956 and latest M.O.S.T.Specifications; 3.6mtr long stand post of 75 x 75 x 6mm / 65NB Circular MS Pipe as required and frame fabricated from suitable size iron angle of 35 x 35 x 3mm; painted with bestquality epoxy coatings in black and white bends. The details of symbol foreach board shall be as per theinstruction of engineer in charge. The fixing at site shall be in 1:2:4 CC blockof size 45 x 45 x 60 Cms. for each leg.including excavation, curing etc.complete under the supervision of engineer in charge. A warranty for 10 years for the Retro reflective sheeting from original manufacturer &amp; a certified copy of 3 year outdoor exposure test report from third party test lab for the product offered shall be submitted by contractor. (A) Class-C Type-11 Retro Reflective sheeting</p>	Each	7006
26111A	<p>Four/Two lane Ahead sign :-Providing &amp; Fixing sign boards made out of 2mm aluminium sheet, size 120 x 120 cms square plus 120 x 60cms additional plate as per the attached drawing pre treated with phosphetingg process &amp; acid etching. coated with one coat of epoxy priemr and two coats of best quality epoxy paint reflectorised with retro sheeting as per latest M.O.S.T. Specifications; Letters and numerals should be as per IRC-30-1968,3.1m long (2nos) stand post and frame fabricated either from iron angle of 50x50x5mm, 75x75x6mm as required, painted with best quality epoxy coating in black and white bends The fixing at site shall be in 1:2:4 CC block of size 45 x 45x 60cms for each leg, including excavation curing etc. complete under the supervision of engineer in charge.(A) Engineer Grade(VR)...</p>	No	11380.51

Item Code	Description	Unit	SOR Rate for 2023-24
26111B	<p>Four (Two) LANE Ahead Sign :-Providing and fixing sign boards made out of 2mm aluminium sheet / 4mm ACP (Aluminum composite Panel); size 120x120 cms. square plus 120x60cm additional plate as per design of IRC-67-2012. Pre treated with phosphating process &amp; acid etching; coated with one coat of epoxy primer and two coats of best quality epoxy paint ; reflectorised with High Intensity Prismatic Grade retro reflectivesheeting of Type-4 as per ASTM D-4956 and latest M.O.S.T.Specifications; 4 mtr long stand post (2 Nos.) of Iron Angle 75 x 75 x 6mm / 65NB Circular MS Pipe as required and frame fabricated from suitable size iron angle of 35 x 35 x 3mm; painted with bestquality epoxy coatings in black and white bends. The details of symbol for each board shall be as per the instruction of engineer in charge. The fixing at site shall be in 1:2:4 CC blockof size 45 x 45 x 60 Cms. for each leg including excavation, curing etc.complete under the supervision of engineer in charge. A warranty for 7 years for the Retro reflective sheeting from original manufacturer &amp; a certified copy of 3 year outdoor exposure test report from third party test lab for the product offered shall be submitted by contractor. (B) Class-B Type-4 Retro Reflective sheeting</p>	No	17768.34



Item Code	Description	Unit	SOR Rate for 2023-24
26111C	Four (Two) Lane Ahead Sign :-Providing and fixing sign boards made out of 2mm aluminium sheet / 4mm ACP (Aluminum composite Panel); size 120x120 cms. square plus 120x60 cm additional plate as per design of IRC-67-2012. Pre treated with phosphating process & acid etching; coated with one coat of epoxy primer and two coats of best quality epoxy paint ;reflectorised with Micro Prismatic Grade retro reflectivesheeting of Type-11 as per ASTM D-4956 and latest M.O.S.T.Specifications; 4 mtr long stand post (2 Nos.) of 75 x 75 x 6mm / 65NB Circular MS Pipe as required and frame fabricated from suitable size iron angle of 35 x 35 x 3mm; painted with bestquality epoxy coatings in black and white bends. The details of symbol foreach board shall be as per theinstruction of engineer in charge. The fixing at site shall be in 1:2:4 CC blockof size 45 x 45 x 60 Cms. for each leg.including excavation, curing etc.complete under the supervision of engineer in charge. A warranty for 10 years for the Retro reflective sheeting from original manufacturer & a certified copy of 3 year outdoor exposure test report from third party test lab for the product offered shall be submitted by contractor. (A) Class-C Type-11 Retro Reflective sheeting	Each	19854
26112A	Diversion sing board :-Providing & Fixing sign boards made out of 2mm aluminium sheet, size 180 x 60 cms. rectangle as per the attached drawing pre treated with phosphating process & acid etching. coated with one coat of epoxy priemr and two coats of best quality epoxy paint reflectorised with retro reflective sheeting as per latest M.O.S.T. Specifications; Letters and numerals should be as per IRC-30-1968,3.1m long (2nos) stand post and frame fabricated from iron angle of 35x35x3mm, 50x50x5mm painted with best quality epoxy coatings in blak and white bends. The fixing at site shall be in 1:2:4 CC block of size 45 x 45x 60cms for each leg, including excavation curing etc. complete under the supervision of engineer in charge.(A) Engineer Grade(VR)...	No	6731.6

Item Code	Description	Unit	SOR Rate for 2023-24
26112B	<p>Diversion Ahead Sign :-Providing and fixing sign boards made out of 2mm aluminium sheet / 4mm ACP (Aluminum composite Panel); size 180x60 cms. rectangular as per design of IRC-67-2012. Pre treated with phosphating process &amp; acid etching; coated with one coat of epoxy primer and two coats of best quality epoxy paint ; reflectorised with High Intensity Prismatic Grade retro reflectivesheeting of Type-4 as per ASTM D-4956 and latest M.O.S.T.Specifications; 3.1 mtr long stand post (2 Nos.) of Iron Angle 50 x 50 x 5mm / 50NB Circular MS Pipe as required and frame fabricated from suitable size iron angle of 35 x 35 x 3mm; painted with bestquality epoxy coatings in black and white bends. The details of symbol for each board shall be as per the instruction of engineer in charge. The fixing at site shall be in 1:2:4 CC blockof size 45 x 45 x 60 Cms. for each leg including excavation, curing etc.complete under the supervision of engineer in charge. A warranty for 7 years for the Retro reflective sheeting from original manufacturer &amp; a certified copy of 3 year outdoor exposure test report from third party test lab for the product offered shall be submitted by contractor. (B) Class-B Type-4 Retro Reflective sheeting</p>	No	9769.38
26112C	<p>Diversion Ahead Sign :-Providing and fixing sign boards made out of 2mm aluminium sheet / 4mm ACP (Aluminum composite Panel); size 180x60 cms. rectangular as per design of IRC-67-2012. Pre treated with phosphating process &amp; acid etching; coated with one coat of epoxy primer and two coats of best quality epoxy paint ;reflectorised with Micro Prismatic Grade retro reflectivesheeting of Type-11 as per ASTM D-4956 and latest M.O.S.T.Specifications; 3.1 mtr long stand post (2 Nos.) of 50 x 50 x 5mm / 50NB Circular MS Pipe as required and frame fabricated from suitable size iron angle of 35 x 35 x 3mm; painted with bestquality epoxy coatings in black and white bends. The details of symbol foreach board shall be as per theinstruction of engineer in charge. The fixing at site shall be in 1:2:4 CC blockof size 45 x 45 x 60 Cms. for each leg.including excavation, curing etc.complete under the supervision of engineer in charge. A warranty for 10 years for the Retro reflective sheeting from original manufacturer &amp; a certified copy of 3 year outdoor exposure test report from third party test lab for the product offered shall be submitted by contractor. (A) Class-C Type-11 Retro Reflective sheeting</p>	Each	10566

Item Code	Description	Unit	SOR Rate for 2023-24
26113A	Kerb guard sign board (small) :-Providing & Fixing sign boards made out of 2mm aluminium sheet, size 240 x 30 cms in U shape; as per the attached drawing pre treated with phosphating process & acid etching. coated with one coat of epoxy primer and two coats of best quality epoxy paint reflectorised with retro sheeting as per latest M.O.S.T. Specifications; stand post and frame fabricated from iron angle of 50x50x5mm, 10mm sq. bar as required, painted with best quality epoxy coating the fixing at site shall be in 1:2:4 CC block of size 45 x 45x 60cms for each leg, including excavation curing etc. complete under the supervision of engineer in charge.(A) Engineer Grade(VR)...	No	5566.87
26113B	Kerb guard sign board (small) :-Providing & Fixing sign boards made out of 2mm aluminium sheet, size 240 x 30 cms in U shape; as per the attached drawing pre treated with phosphating process & acid etching. coated with one coat of epoxy primer and two coats of best quality epoxy paint reflectorised with High Intensity Prismatic Grade retro reflective sheeting of Type-4 as per ASTM D-4956 and latest M.O.S.T.Specifications; stand post and frame fabricated from iron angle of 50x50x5mm, 10mm sq. bar as required, painted with best quality epoxy coating the fixing at site shall be in 1:2:4 CC block of size 45 x 45x 60cms for each leg, including excavation curing etc. complete under the supervision of engineer in charge. A warranty for 7 years for the Retro reflective sheeting from original manufacturer & a certified copy of 3 year outdoor exposure test report from third party test lab for the product offered shall be submitted by contractor.(B) Class-B Type-4 Retro Reflective sheeting	No	6903.97

Item Code	Description	Unit	SOR Rate for 2023-24
26113C	Kerb guard sign board (small) :-Providing & Fixing sign boards made out of 2mm aluminium sheet, size 240 x 30 cms in U shape; as per the attached drawing pre treated with phosphating process & acid etching. coated with one coat of epoxy primer and two coats of best quality epoxy paint reflectorised with Micro Prismatic Grade retro reflective sheeting of Type-11 as per ASTM D-4956 and latest M.O.S.T.Specifications; stand post and frame fabricated from iron angle of 50x50x5mm, 10mm sq. bar as required, painted with best quality epoxy coating the fixing at site shall be in 1:2:4 CC block of size 45 x 45x 60cms for each leg, including excavation curing etc. complete under the supervision of engineer in charge. A warranty for 10 years for the Retro reflective sheeting from original manufacturer & a certified copy of 3 year outdoor exposure test report from third party test lab for the product offered shall be submitted by contractor. (A) Class-C Type-11 Retro Reflective sheeting	Each	7406
26114A	Kerb guard sign board (Big) :-Providing & Fixing sign boards made out of 2mm aluminium sheet, size 732 x 30 cms in U shape; as per the attached drawing pre treated with phosphating process & acid etching. coated with one coat of epoxy primer and two coats of best quality epoxy paint reflectorised with retro reflective sheeting as per latest M.O.S.T. 3.1m long ; Stand post and frame fabricated from iron angle of 50 x 50 x 5mm, 10mm sq. bar as required, painted with best quality epoxy coating the fixing at site shall be in 1:2:4 CC block of size 45 x 45x 60cms for each leg, including excavation curing etc. complete under the supervision of engineer in charge.(A) Engineer Grade(VR)...	No	10781.21

Item Code	Description	Unit	SOR Rate for 2023-24
26114B	Kerb guard sign board (Big) :-Providing & Fixing sign boards made out of 2mm aluminium sheet, size 732 x 30 cms in Uspape; as per the attached drawing pretreated with phosphating process & acid etching. coated with one coat of epoxy primer and two coats of best quality epoxy paint reflectorised with High Intensity Prismatic Grade retro reflectivesheeting of Type-4 as per ASTM D-4956 and latest M.O.S.T.Specifications; Stand post and frame fabricated from iron angle of 50 x50 x 5mm, 10mm sq. bar as required, painted with best quality epoxy coating the fixing at site shall be in 1:2:4 CC block of size 45 x 45x 60cms for each leg, including excavation curing etc. complete under the supervision of engineer in charge. A warranty for 7 years for the Retro reflective sheeting from original manufacturer & a certified copy of 3 year outdoor exposure test report from third party test lab for the product offered shall be submitted by contractor.(B) Class-B Type-4 Retro Reflective sheeting	No	17594.34
26114C	Kerb guard sign board (Big) :-Providing & Fixing sign boards made out of 2mm aluminium sheet, size 732 x 30 cms in Uspape; as per the attached drawing pretreated with phosphating process & acid etching. coated with one coat of epoxy primer and two coats of best quality epoxy paint reflectorised with Micro Prismatic Grade retro reflectivesheeting of Type-11 as per ASTM D-4956 and latest M.O.S.T.Specifications ; Stand post and frame fabricated from iron angle of 50 x50 x 5mm, 10mm sq. bar as required, painted with best quality epoxy coating the fixing at site shall be in 1:2:4 CC block of size 45 x 45x 60cms for each leg, including excavation curing etc. complete under the supervision of engineer in charge. A warranty for 10 years for the Retro reflective sheeting from original manufacturer & a certified copy of 3 year outdoor exposure test report from third party test lab for the product offered shall be submitted by contractor. (A) Class-C Type-11 Retro Reflective sheeting	Each	18924

Item Code	Description	Unit	SOR Rate for 2023-24
26115A	Around the Island/road direction sign board (Big) :-Providing & Fixing sign boards made out of 2mm aluminium sheet, size 180 x 60 cms rectangle  as per the attached drawing pre treated with phosphating process & acid etching. coated with one coat of epoxy primer and two coats of best quality epoxy paint reflectorised with retro reflective sheeting as per latest M.O.S.T. 3.1m long (2nos) stand post and frame fabricated from iron angle of 50x50x5mm, painted with best quality epoxy coating the fixing at site shall be in 1:2:4 CC block of size 45 x 45x 60cms for each leg, including excavation curing etc. complete under the supervision of engineer in charge.(A) Engineer Grade(VR)...	No	6731.6
26115B	Around the Island / Road Direction Sign (Big) :-Providing and fixing sign boards made out of 2mm aluminium sheet / 4mm ACP (Aluminum composite Panel); size 180x60 cms. as per design of IRC-67-2012. Pre treated with phosphating process & acid etching; coated with one coat of epoxy primer and two coats of best quality epoxy paint ; reflectorised with High Intensity Prismatic Grade retro reflective sheeting of Type-4 as per ASTM D-4956 and latest M.O.S.T.Specifications; 3.3 mtr long stand post of Iron Angle 75 x 75 x 6mm / 65NB Circular MS Pipe as required and frame fabricated from suitable size iron angle of 35 x 35 x 3mm; painted with best quality epoxy coatings in black and white bends. The details of symbol for each board shall be as per the instruction of engineer in charge. The fixing at site shall be in 1:2:4 CC block of size 45 x 45 x 60 Cms. for each leg including excavation, curing etc.complete under the supervision of engineer in charge. A warranty for 7 years for the Retro reflective sheeting from original manufacturer & a certified copy of 3 year outdoor exposure test report from third party test lab for the product offered shall be submitted by contractor. (B) Class-B Type-4 Retro Reflective sheeting	No	9490.34

Item Code	Description	Unit	SOR Rate for 2023-24
26115C	<p>Around the Island / road Direction Sign board (Big) :-Providing and fixing sign boards made out of 2mm aluminium sheet / 4mm ACP (Aluminum composite Panel); size 180x60 cms. as per design of IRC-67-2012. Pre treated with phosphating process &amp; acid etching; coated with one coat of epoxy primer and two coats of best quality epoxy paint ;reflectorised with Micro Prismatic Grade retro reflectivesheeting of Type-11 as per ASTM D-4956 and latest M.O.S.T.Specifications; 3.3 mtr long stand post of 75 x 75 x 6mm / 65NB Circular MS Pipe as required and frame fabricated from suitable size iron angle of 35 x 35 x 3mm; painted with bestquality epoxy coatings in black and white bends. The details of symbol for each board shall be as per theinstruction of engineer in charge. The fixing at site shall be in 1:2:4 CC blockof size 45 x 45 x 60 Cms. for each leg.including excavation, curing etc.complete under the supervision of engineer in charge. A warranty for 10 years for the Retro reflective sheeting from original manufacturer &amp; a certified copy of 3 year outdoor exposure test report from third party test lab for the product offered shall be submitted by contractor. (A) Class-C Type-11 Retro Reflective sheeting</p>	Each	8191
26116A	<p>Around the Island/road direction sign board (Small) :- Providing &amp; Fixing sign boards made out of 2mm aluminium sheet, size 60 x 60 cms square, as per the attached drawing pre treated with phosphating process &amp; acid etching. coated with one coat of epoxy priemr and two coats of best quality epoxy paint reflectorised with retro reflective sheeting as per latest M.O.S.T. 3.1m long (2nos) stand post and frame fabricated from iron angle of 35x35x3mm, &amp; 50 x 50x 5mm as required painted with best quality epoxy coating the fixing at site shall be in 1:2:4 CC block of size 45 x 45x 60cms for each leg, including excavation curing etc. complete under the supervision of engineer in charge.(A) Engineer Grade(VR)...</p>	No	3132.68

Item Code	Description	Unit	SOR Rate for 2023-24
26116B	<p>Around the Island / Road Direction Sign (Small) :-Providing and fixing sign boards made out of 2.0 mm aluminium sheet / 4 mm ACP (Aluminum composite Panel); size 60x60 cms. as per design of IRC-67-2012. Pre treated with phosphating process &amp; acid etching; coated with one coat of epoxy primer and two coats of best quality epoxy paint ; reflectorised with High Intensity Prismatic Grade retro reflective sheeting of Type 4 as per ASTM D-4956 and latest M.O.S.T.Specifications; 3.3 mtr long stand post of Iron Angle 75 x 75 x 6mm / 65NB Circular MS Pipe as required and frame fabricated from suitable size iron angle of 35 x 35 x 3mm; painted with best quality epoxy coatings in black and white bends. The details of symbol for each board shall be as per the instruction of engineer in charge. The fixing at site shall be in 1:2:4 CC block of size 45 x 45 x 60 Cms. for each leg including excavation, curing etc.complete under the supervision of engineer in charge. A warranty for 7 years for the Retro reflective sheeting from original manufacturer &amp; a certified copy of 3 year outdoor exposure test report from third party test lab for the product offered shall be submitted by contractor. (B) Class-B Type-4 Retro Reflective sheeting</p>	No	3549.6



Item Code	Description	Unit	SOR Rate for 2023-24
26116C	Around the Island / road Direction Sign board (Small) :- Providing and fixing sign boards made out of 2.0 mm aluminium sheet / 4 mm ACP (Aluminum composite Panel); size 60x60 cms. as per design of IRC-67-2012. Pre treated with phosphating process & acid etching; coated with one coat of epoxy primer and two coats of best quality epoxy paint ;reflectorised with Micro Prismatic Grade retro reflectivesheeting of Type-11 as per ASTM D-4956 and latest M.O.S.T.Specifications; 3.3 mtr long stand post of 75 x 75 x 6mm / 65NB Circular MS Pipe as required and frame fabricated from suitable size iron angle of 35 x 35 x 3mm; painted with bestquality epoxy coatings in black and white bends. The details of symbol foreach board shall be as per theinstruction of engineer in charge. The fixing at site shall be in 1:2:4 CC blockof size 45 x 45 x 60 Cms. for each leg.including excavation, curing etc.complete under the supervision of engineer in charge. A warranty for 10 years for the Retro reflective sheeting from original manufacturer & a certified copy of 3 year outdoor exposure test report from third party test lab for the product offered shall be submitted by contractor. (A) Class-C Type-11 Retro Reflective sheeting	Each	5052
26117A	Clearing and grubbing road land including uprooting rank vegetation grass bushes,shrubs,sapling and trees girth up to 300 mm removal of stumps of trees cut earlier and disposal of unserviceable materials(A) By manual means in area of light jungle	Hectare	79449.3
26117B	Clearing and grubbing road land including uprooting rank vegetation grass bushes,shrubs,sapling and trees girth up to 300 mm removal of stumps of trees cut earlier and disposal of unserviceable materials (B) By manual in area of thorny jungle	Hectare	105932.93
26117C	Clearing and grubbing road land including uprooting rank vegetation grass bushes,shrubs,sapling and trees girth up to 300 mm removal of stumps of trees cut earlier and disposal of unserviceable materials (C) By mechanical means in area of light jungle	Hectare	28111.92
26117D	Clearing and grubbing road land including uprooting rank vegetation grass bushes,shrubs,sapling and trees girth up to 300 mm removal of stumps of trees cut earlier and disposal of unserviceable materials(D) By mechanical means in area of thorny jungle	Hectare	34451.77
26118	Rolling and consolidation using vibratory road roller 8 - 10 tonne capacity (incl. watering)(A) Earth work (layer not exceeding 200mm thickness)	cu.m	32.76

Item Code	Description	Unit	SOR Rate for 2023-24
26118B	Rolling and consolidation using vibratory road roller 8 - 10 tonne capacity (B) Granular sub base(Layer not exceeding 150mm thickness)	cu.m	31.2
26118C	Rolling and consolidation using vibratory road roller 8 - 10 tonne capacity (C) Water bound Macadam (Layer not exceeding 100mm thickness)	cu.m	58.5
26118D	Rolling and consolidation using vibratory road roller 8 - 10 tonne capacity (D) Bituminous Macadam (Layer not exceeding 50mm thickness)	cu.m	20.3
26119	Supplying and fixing reinforced concrete heavy duty non-pressure pipes with collars for culverts including setting and joining the pipes in C.M. 1:2 watering and laying (To level of slops of I.S. 458 / 1971 Class NP3 of following internal diameter. 1400 mm dia.	Rmt	7210.46
26120	Supplying and fixing reinforced concrete heavy duty non-pressure pipes with collars for culverts including setting and joining the pipes in C.M. 1:2 watering and laying (To level of slops of I.S. 458 / 1971 Class NP3 of following internal diameter. 1600 mm dia.	Rmt	9220.48
26121	Supplying and fixing reinforced concrete heavy duty non-pressure pipes with collars for culverts including setting and joining the pipes in C.M. 1:2 watering and laying (To level of slops of I.S. 458 / 1971 Class NP3 of following internal diameter. 1800 mm dia.	Rmt	10629.46
26122	Supplying and fixing reinforced concrete heavy duty non-pressure pipes with collars for culverts including setting and joining the pipes in C.M. 1:2 watering and laying (To level of slops of I.S. 458 / 1971 Class NP4 of following internal diameter. (i) 300 mm dia.	Rmt	1017.85
26123	Supplying and fixing reinforced concrete heavy duty non-pressure pipes with collars for culverts including setting and joining the pipes in C.M. 1:2 watering and laying (To level of slops of I.S. 458 / 1971 Class NP4 of following internal diameter. (ii) 450 mm dia.	Rmt	1604.7
26124	Supplying and fixing reinforced concrete heavy duty non-pressure pipes with collars for culverts including setting and joining the pipes in C.M. 1:2 watering and laying (To level of slops of I.S. 458 / 1971 Class NP4 of following internal diameter. (iii) 600 mm dia.	Rmt	2654.69
26125	Supplying and fixing reinforced concrete heavy duty non-pressure pipes with collars for culverts including setting and joining the pipes in C.M. 1:2 watering and laying (To level of slops of I.S. 458 / 1971 Class NP4 of following internal diameter. (iv) 900 mm dia.	Rmt	4638.8

Item Code	Description	Unit	SOR Rate for 2023-24
26126	Supplying and fixing reinforced concrete heavy duty non-pressure pipes with collars for culverts including setting and joining the pipes in C.M. 1:2 watering and laying (To level of slops of I.S. 458 / 1971 Class NP4 of following internal diameter. (v) 1000 mm dia.	Rmt	4422.04
26127	Supplying and fixing reinforced concrete heavy duty non-pressure pipes with collars for culverts including setting and joining the pipes in C.M. 1:2 watering and laying (To level of slops of I.S. 458 / 1971 Class NP4 of following internal diameter. (vi) 1200 mm dia.	Rmt	6530.59
26128	Supplying and fixing reinforced concrete heavy duty non-pressure pipes with collars for culverts including setting and joining the pipes in C.M. 1:2 watering and laying (To level of slops of I.S. 458 / 1971 Class NP4 of following internal diameter. (vii) 1400 mm dia.	Rmt	7693.25
26129	Supplying and fixing reinforced concrete heavy duty non-pressure pipes with collars for culverts including setting and joining the pipes in C.M. 1:2 watering and laying (To level of slops of I.S. 458 / 1971 Class NP4 of following internal diameter. (viii) 1600 mm dia.	Rmt	10550.64
26130	Supplying and fixing reinforced concrete heavy duty non-pressure pipes with collars for culverts including setting and joining the pipes in C.M. 1:2 watering and laying (To level of slops of I.S. 458 / 1971 Class NP4 of following internal diameter. (x) 1800 mm dia.	Rmt	13210.97
26131	Supplying and fixing reinforced concrete heavy duty non-pressure pipes with collars for culverts including setting and joining the pipes in C.M. 1:2 watering and laying (To level of slops of I.S. 458 / 1971 Class NP3 casted by vertically vibrated technology of following internal diameter. (i) 300 mm dia.	Rmt	1059.23
26132	Supplying and fixing reinforced concrete heavy duty non-pressure pipes with collars for culverts including setting and joining the pipes in C.M. 1:2 watering and laying (To level of slops of I.S. 458 / 1971 Class NP3 casted by vertically vibrated technology of following internal diameter. (ii) 450 mm dia.	Rmt	1422.41
26133	Supplying and fixing reinforced concrete heavy duty non-pressure pipes with collars for culverts including setting and joining the pipes in C.M. 1:2 watering and laying (To level of slops of I.S. 458 / 1971 Class NP3 casted by vertically vibrated technology of following internal diameter. (iii) 500 mm dia.	Rmt	1668.74

Item Code	Description	Unit	SOR Rate for 2023-24
26134	Supplying and fixing reinforced concrete heavy duty non-pressure pipes with collars for culverts including setting and joining the pipes in C.M. 1:2 watering and laying (To level of slops of I.S. 458 / 1971 Class NP3 casted by vertically vibrated technology of following internal diameter. (iv) 600 mm dia.	Rmt	2062.87
26135	Supplying and fixing reinforced concrete heavy duty non-pressure pipes with collars for culverts including setting and joining the pipes in C.M. 1:2 watering and laying (To level of slops of I.S. 458 / 1971 Class NP3 casted by vertically vibrated technology of following internal diameter. (v) 900 mm dia.	Rmt	3214.05
26136	Supplying and fixing reinforced concrete heavy duty non-pressure pipes with collars for culverts including setting and joining the pipes in C.M. 1:2 watering and laying (To level of slops of I.S. 458 / 1971 Class NP3 casted by vertically vibrated technology of following internal diameter. (vi) 1000 mm dia.	Rmt	4692.99
26137	Supplying and fixing reinforced concrete heavy duty non-pressure pipes with collars for culverts including setting and joining the pipes in C.M. 1:2 watering and laying (To level of slops of I.S. 458 / 1971 Class NP3 casted by vertically vibrated technology of following internal diameter. (vii) 1200 mm dia.	Rmt	5436.9
26138	Supplying and fixing reinforced concrete heavy duty non-pressure pipes with collars for culverts including setting and joining the pipes in C.M. 1:2 watering and laying (To level of slops of I.S. 458 / 1971 Class NP3 casted by vertically vibrated technology of following internal diameter. (viii) 1400 mm dia.	Rmt	7210.46
26139	Supplying and fixing reinforced concrete heavy duty non-pressure pipes with collars for culverts including setting and joining the pipes in C.M. 1:2 watering and laying (To level of slops of I.S. 458 / 1971 Class NP4 casted by vertically vibrated technology of following internal diameter. 300mm dia.	Rmt	1017.85

Item Code	Description	Unit	SOR Rate for 2023-24
26140	Supplying and fixing reinforced concrete heavy duty non-pressure pipes with collars for culverts including setting and joining the pipes in C.M. 1:2 watering and laying (To level of slops of I.S. 458 / 1971 Class NP4 casted by vertically vibrated technology of following internal diameter. 450mm dia.	Rmt	1604.7
26141	Supplying and fixing reinforced concrete heavy duty non-pressure pipes with collars for culverts including setting and joining the pipes in C.M. 1:2 watering and laying (To level of slops of I.S. 458 / 1971 Class NP4 casted by vertically vibrated technology of following internal diameter. 500mm dia.	Rmt	1929.85
26142	Supplying and fixing reinforced concrete heavy duty non-pressure pipes with collars for culverts including setting and joining the pipes in C.M. 1:2 watering and laying (To level of slops of I.S. 458 / 1971 Class NP4 casted by vertically vibrated technology of following internal diameter. 600mm dia.	Rmt	2624.49
26143	Supplying and fixing reinforced concrete heavy duty non-pressure pipes with collars for culverts including setting and joining the pipes in C.M. 1:2 watering and laying (To level of slops of I.S. 458 / 1971 Class NP4 casted by vertically vibrated technology of following internal diameter. 900mm dia.	Rmt	3840.7
26144	Supplying and fixing reinforced concrete heavy duty non-pressure pipes with collars for culverts including setting and joining the pipes in C.M. 1:2 watering and laying (To level of slops of I.S. 458 / 1971 Class NP4 casted by vertically vibrated technology of following internal diameter. 1000mm dia.	Rmt	4422.04
26145	Supplying and fixing reinforced concrete heavy duty non-pressure pipes with collars for culverts including setting and joining the pipes in C.M. 1:2 watering and laying (To level of slops of I.S. 458 / 1971 Class NP4 casted by vertically vibrated technology of following internal diameter. 1200mm dia.	Rmt	6530.59
26146	Supplying and fixing reinforced concrete heavy duty non-pressure pipes with collars for culverts including setting and joining the pipes in C.M. 1:2 watering and laying (To level of slops of I.S. 458 / 1971 Class NP4 casted by vertically vibrated technology of following internal diameter. 1400mm dia.	Rmt	7693.25

Item Code	Description	Unit	SOR Rate for 2023-24
<b>(J) NANO TECHNOLOGY</b>			
26147	Preparing and applying of water soluble silane nanotechnology with water (<1000 ppm TDS) in the ratio of 1kg silane : 200 liter water mixed with 0.5 kg acrylic copolymer polymer. Take 1 kg of silane nanotechnology and add in 200 liter water while filling water in tanker/drum and then add 0.5 kg acrylic copolymer. Spray the solution at the rate of 1 liter per sqm on the existing bituminous surface,	sqm	5.65
26147A	Preparing and applying of water soluble silane nanotechnology with water (<1000 ppm TDS) in the ratio of 1kg silane : 200 liter water mixed with 0.5 kg acrylic copolymer polymer. Take 1 kg of silane nanotechnology and add in 200 liter water while filling water in tanker/drum and then add 0.5 kg acrylic copolymer. Spray the solution at the rate of 3 liter per sqm on the existing bituminous surface,	sqm	17.1
26147B	Preparing and applying of water soluble silane nanotechnology with water (<1000 ppm TDS) in the ratio of 1kg silane : 200 liter water mixed with 0.5 kg acrylic copolymer polymer. Take 1 kg of silane nanotechnology and add in 200 liter water while filling water in tanker/drum and then add 0.5 kg acrylic copolymer. Spray the solution at the rate of 1.5 liter per sqm on the existing bituminous surface, For Morderate Distressed bituminous road	sqm	8.48
26147C	Preparing and applying of water soluble silane nanotechnology with water (<1000 ppm TDS) in the ratio of 1kg silane : 200 liter water mixed with 0.5 kg acrylic copolymer polymer. Take 1 kg of silane nanotechnology and add in 200 liter water while filling water in tanker/drum and then add 0.5 kg acrylic copolymer. Spray the solution at the rate of 2 liter per sqm on the existing bituminous surface, For Severe Distressed bituminous road	sqm	11.3
26148	Preparing and applying of water soluble silane nanotechnology with water (<1000 ppm TDS) in the ratio of 1kg silane : 200 liter water mixed with 0.5 kg acrylic copolymer polymer. Take 1 kg of silane nanotechnology and add in 200 liter water while filling water in tanker/drum and then add 0.5 kg acrylic copolymer. Spray the solution at the rate of 2 liter per sqm on side of shoulders & slopes of the existing bituminous road.	sqm	12.14

Item Code	Description	Unit	SOR Rate for 2023-24
26149	Preparing and applying of water soluble silane nanotechnology with water (<1000 ppm TDS) in the ratio of 1kg silane :200 liter water mixed with 0.5 kg acrylic copolymer polymer. Take 1 kg of silane nanotechnology and add in 200 liter water while filling water in tanker/drum and then add 0.5 kg acrylic copolymer. Spray the solution at the rate of 1.5 liter per sqm on the non bituminous surface. Repeat the spray application 4 times.	sqm	22.62
26150	(i) Rip and loosen the in-situ soil with a tractor operated ripper and rotovator to a depth of 200 mm. (ii) Prepare and apply 0.6 kg silane per CuM of soil with water (<1000 ppm TDS) optimum moisture content (typically 10 to 14%). Spray the solution on loose soil with scarification at optimum moisture content. If the soil is in wet condition than allow it to dry till moisture content reach near to natural moisture content. (iii) Spread single layer of 20-40 mm sizes machine cut aggregates on the graded surface and compact the soil-aggregate with vibro to achieve the desired density. (iv) Prepare and apply the solution of 1 kg silane nanotechnology : 0.5 kg acrylic copolymer (compatible and stable in silane solution) and 100 liter water (<1000 ppm TDS). Spray the solution at the rate of 2.5 liter per sqm on soil-aggregate soil. Compact the soil-aggregate with vibro till hammer in dentation is not seen and achieve smooth stone embedded waterproofed surface.	sqm	174.84
26151	Preparing and applying of water soluble silane nanotechnology (for bitumen emulsion application, IRC approved) with cationic bitumen emulsion CSS1 and water (<1000 ppm TDS) in the ratio of 3 kg silane : 100 kg cationic bitumen emulsion : 500 liter water. Take 3 kg of silane nanotechnology and add in 500 liter water while filling water in tanker/drum and then add 100 kg cationic bitumen emulsion under circulation. Mix the solution completely. Spray the solution at the rate of 1 liter per sqm on the existing bituminous. Check quality of bitumen emulsion before bulk use.	sqm	13.88

Item Code	Description	Unit	SOR Rate for 2023-24
26151A	Preparing and applying of water soluble silane nanotechnology (for bitumen emulsion application, IRC approved) with cationic bitumen emulsion CSS1 and water (<1000 ppm TDS) in the ratio of 3 kg silane : 100 kg cationic bitumen emulsion : 300 liter water. Take 3 kg of silane nanotechnology and add in 300 liter water while filling water in tanker/drum and then add 100 kg cationic bitumen emulsion under circulation. Mix the solution completely. Spray the solution at the rate of 1 liter per sqm on the existing bituminous. Check quality of bitumen emulsion before bulk use.	sqm	20.42
26152	Preparing and applying of water soluble silane nanotechnology (for bitumen emulsion application, IRC approved) with cationic bitumen emulsion CSS1 and water (<1000 ppm TDS) in the ratio of 1.4 kg silane : 100 kg cationic bitumen emulsion : 200 liter water. Take 1.4 kg of silane nanotechnology and add in 200 liter water while filling water in tanker/drum and then add 100 kg cationic bitumen emulsion under circulation. Mix the solution completely. Spray the solution at the rate of 0.4 liter per sqm on the existing bituminous. Check quality of bitumen emulsion before bulk use	sqm	8.48
26153	Preparing and applying of water soluble silane nanotechnology (for bitumen emulsion application, IRC approved) with cationic bitumen emulsion CSS1 and water (<1000 ppm TDS) in the ratio of 1 kg silane : 100 kg cationic bitumen emulsion : 200 liter water. Take 1 kg of silane nanotechnology and add in 200 liter water while filling water in tanker/drum and then add 100 kg cationic bitumen emulsion under circulation. Mix the solution completely. Spray the solution at the rate of 1 liter per sqm on the existing bituminous. Check quality of bitumen emulsion before bulk use.	sqm	19.16



Item Code	Description	Unit	SOR Rate for 2023-24
26154	(i) Shape the pothole in square or rectangle. Clean the surface and remove all loose material. (ii) Prepare the solution in the ratio of 1 kg silane nanotechnology with 100 liter water (< 1000 ppm TDS). Spray the solution 1 liter per sqm to make water resistant pothole / patch. (iii) CSS1 with silane for cold mix: a) Add 0.425 kg silane nanotechnology in 85 kg of CSS1 cationic bitumen emulsion water based under manual stirring. Add 8.5 liter water (<1000ppm TDS) means 10% of CSS1 bitumen emulsion in the solution under manual stirring for improving workability. b) Pour the prepared bitumen emulsion solution on 915 kg aggregates under manual / mechanical mixing. c) Fill and spread the cold mix in pothole / patch area. Compact the mix using mechanical roller or plate compactor. (iv) Spray mixture of 1 kg silane : 200 kg CSS1 : 20 liter water (< 1000 ppm TDS) at the rate of 1 liter per sqm followed by spreading of stone dust on it.	sqm	936.97
26155	A (i) Shape the pothole in square or rectangle and remove all loose material. (ii) Prepare the solution in the ratio of 1 kg silane nanotechnology with 100 liter water (< 1000 ppm TDS). Spray the solution 1 liter per sqm to make water resistant pothole / patch. B. Prepare the solution in the ratio of 1 kg silane and 200 liter water (< 1000 ppm TDS). Spray the solution 5% by weight of WMM mix in pug mill for treating WMM mix. Transfer the silane treated mix to site of work by contractors own tipper. Fill water resistant WMM mix in pothole / patch in such a way that top 50 mm depth remain empty for cold mix filling. (change RA according to the depth of pothole). C. Prepare and Spray the mixture of 1 kg silane : 200 kg CSS1 cationic bitumen emulsion water based: 20 liter water (< 1000 ppm TDS) at the rate of 1 liter per sqm on compacted surface. D. a) Add 0.425 kg silane nanotechnology in 85 kg of CSS1 cationic bitumen emulsion water based under manual stirring. Add 8.5 liter water (<1000ppm TDS) means 10% of CSS1 bitumen emulsion in the solution under manual stirring for improving workability. (b) Pour the prepared bitumen emulsion solution on 915 kg aggregates under manual / mechanical mixing. (c) Fill and spread the cold mix in pothole / patch area. Compact the mix using mechanical roller or plate compactor. E. Spray mixture of 1 kg silane : 200 kg CSS1 : 20 liter water (< 1000 ppm TDS) at the rate of 1 liter per sqm followed by spreading of stone dust on it.	sqm	760.93

<b>Item Code</b>	<b>Description</b>	<b>Unit</b>	<b>SOR Rate for 2023-24</b>
26156	Construction of embankment with approved material obtained from borrow pits with all lifts and leads, transporting to site spreading, grading to required slope and compacting to meet requirement to table 300-2 , Construction of Embankment with Material Obtained from Borrowpits	cu.m	126.48
26157	Construction of embankment with approved material obtained from borrow pits with all lifts and leads, transporting to site spreading, grading to required slope and compacting to meet requirement to table 300-2, Construction of Embankment with Material Obtained from Borrowpits area within 0.5 Km Lead	cu.m	294.06
26158	Construction of embankment with approved material obtained from borrow pits with all lifts and leads, transporting to site spreading, grading to required slope and compacting to meet requirement to table 300-2, Construction of Embankment with Material Obtained from Borrowpits area within 1.0 Km Lead	cu.m	306.31
26159	Construction of embankment with approved material obtained from borrow pits with all lifts and leads, transporting to site spreading, grading to required slope and compacting to meet requirement to table 300-2, Construction of Embankment with Material Obtained from Borrowpits area within 2.0 Km Lead	cu.m	329.85
26160	Construction of embankment with approved material obtained from borrow pits with all lifts and leads, transporting to site spreading, grading to required slope and compacting to meet requirement to table 300-2 Construction of Embankment with Material Obtained from Borrowpits area within 3.0 Km Lead	cum	353.08

Item Code	Description	Unit	SOR Rate for 2023-24
26161	Road marking with hot applied thermoplastic paints with reflectorising glass beads on bitumin surface providing and laying a hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads @ 250gms per sqm area, thickness of 2.5mm is excluding of surface applied glass beds as per IRC:35-2015. The finished surface to be level, uniform and free from streaks and holes. zebra patta /bump patta lane/center line/ edge line/cut patta. The white color marking should provide liminance coefficinet on cemend road shall be min 130 mcd/m2/lux and Asphalt road shall be min 100 mcd/m2/lux during the service life during the day time. The marking should meet the performance criteria for night time reflectivity, wet reflectivity and skid resistance as mentioned in the section-15 of IRC 35-2015. Warranty for the Retro reflectivity should be two years.	Sqm	364.08
26162	Cat Eye / Road Stud / RPM: Supplying Raised Pavement Markers made of polycarbonate and ABS moulded body and reflective panels with Micro prismatic lens (No Glass bead lens) capable of providing total internal reflection of the light entering the lens face and shall support a load of 13635 kgs. tested in accordance to ASTM D 4280 Type H and complying to Specifications of Category A of MORTH Circular No RW/NH/33023/10-97 Đ DO III Dt 11.06. 1997. The height, width and length shall not exceed 20 mm, 130 mm and 130 mm and with minimum reflective area of 13 Sqcm on each side and the slope to the base shall be 35 +/- 5 degree. The body of the marker should having finger grip for easy and accurate placement and application with epoxy / bituminous Adhesive as recommended by the manufacturer of the marker. The color of the marker should be as per the IRC 35-2015 and as directed by Engineer-in-charge.	No.	215.25

Item Code	Description	Unit	SOR Rate for 2023-24
26162A	Cat Eye / Road Stud / RPM: Supplying of Molded Twin Shanks Raised Pavement Markers made of polycarbonate and ABS moulded body and reflective panels with micro prismatic lens capable of providing total internal reflection of the light entering the lens face and shall support a load of 13635 kgs. tested in accordance to ASTM D 4280 Type H and complying to Specifications of Category A of MORTH Circular No RW/NH/33023/10-97 DO III Dt 11.06. 1997. The height, width and length shall not exceed 20 mm, 130 mm and 130 mm and with minimum reflective area of 13 Sqcm on each side and the slope to the base shall be 35 +/- 5 degree. The strength of detachment of the integrated cylindrical shanks, (of diameter not less than 19 +/- 2 mm and height not less than 30 +/- 2 mm) from the body is to be a minimum value of 500 Kgf. Fixing will be by drilling holes on the road for the shanks to go inside, without nails and using epoxy resin based adhesive as per manufacturers recommendation and The color of the marker should be as per the IRC 35-2015 and as directed by Engineer-in-charge.	Each	323
26163	Supplying and fixing cat eye (Stimsonite) made out from Acrilo beutile sterine injuction high compressed molding with reflector made of MMC (prismatic type of size 12cm x 6cm x 2.5cm) provided with bituminous adhesive 100g. with each unit for fixing. (High Intensity grade)	No.	372

Item Code	Description	Unit	SOR Rate for 2023-24
26164	<p>Flexible Median Marker : Providing and Fixing of Flexible Median Marker that are made of tough, high impact resistant, injection-molded, thermoplastic body with property of flexibility to provide high durability. The dimension of Flexible Median Marker should not exceed 18.4 cm in height(including shank height),12.5 Cm in width. ,0.65 cm in thickness and shank depth shall be 3.4 cm The body structure shall be rounded at all its corners and edges. The plastic used for molding the Flexible Median Marker should survive impact load of 5kg continuously for 750 times at room temperature. The logo of the manufacturer shall be embossed on either side of the body in the injection molding process. The Median Marker shall have flame like shaped body with, fluorescent yellow color retro-reflective sheeting of size not less than 90 Cm square, with fully reflective micro prismatic cube corners as its retro-reflective elements as per IRC 67 2012 and ASTM D4956-09 type XI specifications reflectivity values. The retro-reflective sheeting shall be one or both sides of the Flexible Median Marker and shall be edge protected with no exposed edges which will prevent edge lifting, vandalism, sheeting damage, etc. The Flexible Median Marker shall be fixed by a combination of epoxy adhesive and grouting as recommended by manufacturer and Engineer in charge.</p>	Each	269

Item Code	Description	Unit	SOR Rate for 2023-24
26165	<p>AFP (Aluminum Backed Flexible Prismatic): Providing and fixing Aluminum backed flexible prismatic sheeting , consisting of yellow/black colored flexible prismatic sheet with non-mettalic prismatic lens as retro reflective elements and confirming to ASTM D4946 Type VI specifications for reboundable retro reflective sheeting. This flexible prismatic sheeting shall be of 30cm width and laminated at the back with a 50 micron Aluminum (Al) foil with pressure sensitive adhesive and liner. Further, this flexible prismatic sheeting shall have screen printed arrow/slant line pattern in black color in a continuous roll format. The AFP sheeting, with the liner removed, shall be applied with a neoprene contact adhesive with a Polychloroprene as base, viscosity of 200-450 cps and solid content of 20-30%. Once applied, the edges of the product shall be sealed all around with a two-part epoxy based structural adhesive and shall be extremely resistant to peel-off. A test report from institutes like ARAI/CRRRI confirming to above mentioned flexibility and ASTM-D4956-09 Type-VI retroreflectivity performance of the flexible prismatic sheeting used in AFP shall be submitted as directed by Engineer-In-Charge.</p>	Each	6312

Item Code	Description	Unit	SOR Rate for 2023-24
26166	<p>Standard Delineator: Providing and fixing of Standard Metal Delineator consisting of minimum retro reflective unit exposed area of 330 cm<sup>2</sup> white color, full cube corner micro prismatic non-metallic retro reflective sheeting on each side conforming with IRC 67 2012 and meeting the coefficient of retro reflection values as per ASTM D 4956 Type XI table specification. The delineator shall be painted with powder coat of minimum 40 microns thickness, on top of which retro reflective sheeting shall be pasted on both sides. The structure shall be manufactured in roll forming process and shall have height not less than 800 mm above the ground, width not less than 100 mm and shall extend not more than 300mm below the ground while being installed. height of sheeting should be minimum 150mm whereas width of sheeting should not be less than 75mm (should be placed every alternative 15cm). The front and back faces of the delineator should be curved with a radius of not more than 200 mm and with delta angle (or central angle of curve) lying between 20° and 30°, to increase the visibility of the delineator for vehicles moving in continuous curves. The delineator shall have grooves across the length to make the reflective sheets vandal-proof. The delineator is meant for application on gaps in median, traffic islands, dangerous bends, roundabouts, narrow bridges etc. or as desired by site engineer</p>	Each	1017

Item Code	Description	Unit	SOR Rate for 2023-24
26167	Solar Stud: Supplying of Solar Raised Pavement Markers made of polycarbonate molded body with circular shape, solar powered, LED self illumination in active mode, 360 degree illumination and reflective panels with micro prismatic lens capable of providing total internal reflection of the light entering the lens face in passive mode. The marker shall support a load of 20000 kg tested in accordance to ASTM D 4280. The marker should be resistant to dust and water ingress according to IP 65 standards and should withstand temperatures in the range of 0 C to 70 C. Color of lighting could be provided in red or yellow (amber) as per requirement and typical frequency of blinking is 1 Hz. There should be current losses of less than 20 micro-amperes at 2.4 V in sleep-charging mode to enhance the life of the marker and a full charge should provide for a minimum autonomy of 50 hours. The height, width and length of the marker shall not be less than 10 mm x 100 mm x 100 mm. Also, the surface diameter of the marker shall not be less than 100 mm respectively. The weight of the marker shall not exceed 0.5 Kilograms. Fixing will be by drilling holes on the road for the shanks to go inside, without nails and using epoxy resin based adhesive as per manufacturers recommendation and complete as directed by the engineer	Each	2068
26168	Providing and laying of Plastirib - T or equivalent raised profile edge line marking ( audible warning ) with hot applied thermoplastic road marking compound according to IRC 35 - 2015, Clause 7.7, with 2mm thick base coat layer above that ribs profile size of length 40mm X width 140mm X Height 6 mm thick ( Total 8 mm thick ) at the distance of 250 mm between two ribs including reflectorizing glass beads @ 250 gm/ sq.mt area. The maximum width of raised profile should be 150 mm. The thickness of 8 mm profile should be exclusive of surface applied glass beads. The finished surface to be levelled, uniform and free from streaks and holes, to be applied on edge lines. The profile marking should be mark basic line and raise line at a time simultaneously.	Each	908



Item Code	Description	Unit	SOR Rate for 2023-24
26169	Providing and laying of Plastirib - T or equivalent raised profile edge line marking ( audible warning ) with hot applied thermoplastic road marking compound according to IRC 35 - 2015, Clause 7.7, with 2mm thick base coat layer above that ribs profile size of length 40mm X width 140mm X Height 6 mm thick ( Total 8 mm thick ) at the distance of 500 mm between two ribs including reflectorizing glass beads @ 250 gm/ sq.mt area. The minimum and maximum width of raised profile should be 150 mm. The thickness of 8 mm profile should be exclusive of surface applied glass beads. The finished surface to be levelled, uniform and free from streaks and holes, to be applied on edge lines. The profile marking should be mark basic line and raise line at a time simultaneously.	Each	819
26170	Chevron sign :-Providing and fixing sign boards made out of 1.5mm aluminium sheet / 3mm ACP (Aluminum composite Panel); size 60x50 cm as per design of IRC-67-2012. Pre treated with phosphating process & acid etching; coated with one coat of epoxy primer and two coats of best quality epoxy paint ;reflectorised with Micro Prismatic Grade retro reflectivesheeting of Type-11 as per ASTM D-4956 and latest M.O.S.T.Specifications; 3.3 mtr long stand post of 75 x 75 x 6mm / 65NB Circular MS Pipe as required and frame fabricated from suitable size iron angle of 50 x 50 x 5mm; painted with bestquality epoxy coatings in black and white bends. the details of symbol or inscription / numerals for each board shall be as per the instruction of engineer in charge.The fixing at site shall be in 1:2:4 CC blockof size 45 x 45 x 60 Cms. for each leg.including excavation, curing etc.complete under the supervision of engineer in charge. A warranty for 10 years for the Retro reflective sheeting from originaa manufacturer & a certified copy of 3 year outdoor exposure test report from third party test lab for the product offered shall be submitted by contractor. (A) Class-C Type-11 Retro Reflective sheeting	Each	4635

Item Code	Description	Unit	SOR Rate for 2023-24
26171	Chevron sign :-Providing and fixing sign boards made out of 1.5mm aluminium sheet / 3mm ACP (Aluminum composite Panel); size 60x50cm rectangular as per design of IRC-67-2012. Pre treated with phosphating process & acid etching; coated with one coat of epoxy primer and two coats of best quality epoxy paint ; reflectorised with High Intensity Prismatic Grade retro reflectivesheeting of Type-4 as per ASTM D-4956 and latest M.O.S.T.Specifications; 3.3 mtr long stand post of Iron Angle 75 x 75 x 6mm / 65NB Circular MS Pipe as required and frame fabricated from suitable size iron angle of 35x35x3mm; painted with bestquality epoxy coatings in black and white bends. the details of symbol or inscription / numerals for each board shall be as per the instruction of engineer in charge. The fixing at site shall be in 1:2:4 CC block of size 45 x 45 x 60 Cms. for each leg including excavation, curing etc.complete under the supervision of engineer in charge. A warranty for 7 years for the Retro reflective sheeting from original manufacturer & a certified copy of 3 year outdoor exposure test report from third party test lab for the product offered shall be submitted by contractor. (A) Class-B Type-4 Retro Reflective sheeting	Each	3675
26172	Supplying of solar road stud (Solar k tie) construction aluminium alloy steel 100 dc water proof design conform to IP67 Dimension 140 mm x 128mm x 82mm + 1mm height of shank + 54mm +0.5 mm diameter of shank 42.5 mm + 0.5 mm plastic unbreakable, scratch, resistant poly carbonate for maintenance free operation solar panel high efficiency mono-crystalline 3v/50 mAh Battery XTSRS.01. XTSRS.02. Super capacitor 2.7 v/22 of Six super bright LED with 18000 mod view distance up to 800 meters flash rate 1H2 according to customers requirement resist compression can take the load of 25 tons vehicle color red and yellow working time 80 to 100 hours continuously after the battery is fully charged and complete fixing will be drilling holes on the road for the shank to go inside with out nails and using epoxy resin based adhesive per manufactures recommendation and complete as directed by the Engineer.	Each	1676
26173	Bitumen Impregnated Geotextile (Providing and laying bitumen impregnated geotextile layer after cleaning the road surface, geotextile conforming to requirements of clause 700, laid over a tack coat with 1.05 kg per sqm of paving grade bitumen 80-100 penetration and constructed to the requirement of clause 700)	Sqm	713

Item Code	Description	Unit	SOR Rate for 2023-24
26174	Laying Paving Fabric Beneath a Pavement Overlay (Providing and laying paving fabric with physical requirement as per table 704-2 over a tack coat of paving grade Bitumen 80-100 penetration, laid at the rate of 1 kg over thoroughly cleaned and repaired surface to provide a water resistant membrane and crack retarding layer. Paving fabric to be free of wrinkling and folding and to be laid before cooling of tack coat, brooming and rolling of surface with pneumatic roller to maximize paving fabric contact with pavement surface.	Sqm	338
26175	Providing and erecting a Road Restraint System -Roller System Barrier ETI Raller System H1 & H2 comprising of post of hot dip galvanized steel of 139.8 mm diameter (L-2200 and L-750) thickness 4.5 mm spaced with interval of 1 meter installed into hardened road. Safet frame rail from sheet of 3.2 mm thick are fixed to main posts, shock absorbing rallers 345 mm diameter and 430 mm height made of polypropylene - EVA, post caps, locker pipes and connection material. Distance between main past and short post shall be 500 mm and the height of upper edge rail is 960 mm. All steel parts (FRAME S235JR equivalent SS400)  and post S235JR shall be hot dip galvanized against corrosion. The system shall be installed after Road Safety Survey, Liasoning for reports, Pre & Post Assessment & Installation report in accordance with the design & drawings and assembly instructions etc. complete	meter	86634.42

Item Code	Description	Unit	SOR Rate for 2023-24
<b>CHAPTER- 26 ROAD WORK AND CULVERTS (EXECUTED WITH MANUAL LABOUR)</b>			
26B001A	Earthwork for embankment including breaking clods, dressing with all lead and lift (excluding watering and consolidation)(A) From Borrow pits within land width	cu.m	204.1
26B001B	Earthwork for embankment including breaking clods, dressing with all lead and lift (excluding watering and consolidation)(B) From Borrow area within 0.5 Km.lead	cu.m	208.63
26B001C	Earthwork for embankment including breaking clods, dressing with all lead and lift (excluding watering and consolidation)(C) From Borrow area within 1.0 Km.lead	cu.m	212.72
26B001D	Earthwork for embankment including breaking clods, dressing with all lead and lift (excluding watering and consolidation)(D) From Borrow area within 2.0 Km. lead	cu.m	220.5
26B001E	Earthwork for embankment including breaking clods, dressing with all lead and lift (excluding watering and consolidation)(E) From Borrow area within 3.0 Km. lead	cu.m	228.03
26B004A	Earthwork for embankment including breaking clods, dressing with all lead and lift and including watering rolling and consolidation of subgrade in layers at O.M.C. to required dry density including filling the depression which occur during the process using power roller 8T to 10T.(A) From Borrow pits within land width	cu.m	215.72
26B004B	Earthwork for embankment including breaking clods, dressing with all lead and lift and including watering rolling and consolidation of subgrade in layers at O.M.C. to required dry density including filling the depression which occur during the process using power roller 8T to 10T.(B) From Borrow area within 0.5KM. lead	cu.m	220.25
26B004C	Earthwork for embankment including breaking clods, dressing with all lead and lift and including watering rolling and consolidation of subgrade in layers at O.M.C. to required dry density including filling the depression which occur during the process using power roller 8T to 10T.(C) From Borrow area within 1.0KM. lead	cu.m	224.34
26B004D	Earthwork for embankment including breaking clods, dressing with all lead and lift and including watering rolling and consolidation of subgrade in layers at O.M.C. to required dry density including filling the depression which occur during the process using power roller 8T to 10T.(D) From Borrow area within 2.0KM. lead	cu.m	232.12

Item Code	Description	Unit	SOR Rate for 2023-24
26B004E	Earthwork for embankment including breaking clods, dressing with all lead and lift and including watering rolling and consolidation of subgrade in layers at O.M.C. to required dry density including filling the depression which occur during the process using power roller 8T to 10T.(E) From Borrow area within 3.0KM. lead	cu.m	239.65
26B005	Earthwork in cutting in all sorts of soil and soft murrum including conveying and spreading the stuff, embankment as and where directed within 200meters from the end of the cutting with all required lead and lift.	cu.m	239.91
26B006A	Earthwork in cutting in all sorts of soil and soft murrum including conveying and spreading the stuff, embankment as and where directed within 200meters from the end of the cutting with all required lead and lift.(A) Above 200 Meters upto 300 Meters.	cu.m	51.84
26B006B	Earthwork in cutting in all sorts of soil and soft murrum including conveying and spreading the stuff, embankment as and where directed within 200meters from the end of the cutting with all required lead and lift.(B) Above 300 Meters upto 400 Meters.	cu.m	76.8
26B006C	Earthwork in cutting in all sorts of soil and soft murrum including conveying and spreading the stuff, embankment as and where directed within 200meters from the end of the cutting with all required lead and lift.(C) Above 400 Meters upto 500 Meters.	cu.m	128
26B007	Earthwork in cutting in all sorts of soil and soft murrum including conveying and putting the stuff in spoil bank maintaining minimum distance of five meter between top edge and cutting and toe of spoil bank.	cu.m	205.35
26B008	Box cutting the road surface to proper slope and camber for making a base for road work including removing the excavated stuff and depositing on the road side slope as directed upto 50Mt.lead.	cu.m	205.35
26B009A	Earthwork in cutting including preparing the slope and camber and stacking or utilising the cutting stuff in bank as directed upto 200 Meters from the end of cutting with all lead and lift.(i) Hard murrum.	cu.m	477.67
26B009B	Earthwork in cutting including preparing the slope and camber and stacking or utilising the cutting stuff in bank as directed upto 200 Meters from the end of cutting with all lead and lift.(ii) Soft rock not requiring blasting.	cu.m	557.09
26B009C	Earthwork in cutting including preparing the slope and camber and stacking or utilising the cutting stuff in bank as directed upto 200 Meters from the end of cutting with all lead and lift.(iii) Hard rock.	cu.m	1001.84

Item Code	Description	Unit	SOR Rate for 2023-24
<b>CHAPTER- 27 BRIDGE WORK</b>			
<b>(A) GENERAL</b>			
27001A	Dismantling the existing structure including removing and stacking the dismantled materials as and where directed. (A) R.C.C. work	cu.m	877.28
27001B	Dismantling the existing structure including removing and stacking the dismantled materials as and where directed. (B) Rubble Masonry	cu.m	385.88
27002	Providing flood gauge marks on substructure as per design including painting complete.	Rmt	147.42
27003A	Providing masonry steps with Cement Pointing on approaches as directed.	Steps	217.35
27004AA	Providing and laying - Fitter Media 600mm thick directed at the back of abutments, returns and wing walls as per detailed specifications.	Sqm	1168.65
27004BA	Providing and laying - Fitter Media 900mm thick directed at the back of abutments, returns and wing walls as per detailed specifications.	Sqm	1345.05
27005	Providing and filling sand behind abutments and between returns in layers as directed	cu.m	453.6
27006A	Providing and filling rubbles including hand packing and filling interstices with quarry spalls behind abutments and between returns as directed.	cu.m	1054.26
<b>(B) FOUNDATION</b>			
27007A	Excavation for foundation in sand, gravel, clay soft soils and murrum etc. including shoring, strutting dewatering as necessary and disposing of the excavated stuff as directed.(A) Depth upto 3.0 M. and lead upto 100m for 10 Cum	cu.m	481.95
27007B	Excavation for foundation in sand, gravel, clay soft soils and murrum etc. including shoring, strutting dewatering as necessary and disposing of the excavated stuff as directed.(B) Depth from 3.0 to 6.0 M.and lead upto 100m for 10 Cum	cu.m	565.43
27007C	Excavation for foundation in sand, gravel, clay soft soils and murrum etc. including shoring, strutting dewatering as necessary and disposing of the excavated stuff as directed.(C) Depth from 6.0M. to 9.0M. and lead upto 100mm considering for	cu.m	623.7
27008	Excavation for foundation in hard murrum and boulders and very stiff or sticky, clays and other similar strata including shoring and strutting and dewatering as necessary and disposing of the excavated stuff as directed .	cu.m	576.45

Item Code	Description	Unit	SOR Rate for 2023-24
27009	Excavation in large boulders and soft rock by welding including shoring, strutting and dewatering as necessary and disposing of the excavated stuff as directed.	cu.m	675.68
27010A	Excavation in hard rock by dry-wet blasting and chiselling including dewatering preparing foundation base by proper benching and stepping and disposing of the excavated stuff as directed.(A) General blasting	cu.m	812.7
27010B	Excavation in hard rock by dry-wet blasting and chiselling including dewatering preparing foundation base by proper benching and stepping and disposing of the excavated stuff as directed.(B) prohibited Blasting. work.	cu.m	1579.73
27011A1	Diversion of water course, providing cofferdam and bund or island as may be necessary for foundation and maintaining the same for the period as may be necessary. (F) Abutment Left (including returns/ wing walls)	Each	LS
27011A2	Diversion of water course, providing cofferdam and bund or island as may be necessary for foundation and maintaining the same for the period as may be necessary. (V) Pier Nos.	Each	LS
27011B	Diversion of water course, providing cofferdam and bund or island as may be necessary for foundation and maintaining the same for the period as may be necessary. (B) Diversion by cofferdam/Island (F) Abutment right (including returns / wing walls)	Each	LS
27012A	Providing and filling in foundation with ordinary Cement concrete M-100 mix and providing necessary vertical pin headers including formwork, vibrating, ramming and curing complete.	cu.m	3213.43
27013A	Providing and casting in situ Ordinary cement concrete M-150 for R.C.C. Raft and cut-off walls including necessary shuttering laying, vibrating, ramming and curing complete.	cu.m	3601.06
27014A	Providing and Casting in situ controlled Cement Concrete M-200 for R.C.C. Raft and cutt-off walls including necessary shuttering laying, vibrating, ramming and curing complete.	cu.m	4399.29
27015A	Providing and laying rubble for apron (each stone weighting not less than 40Kg.) including and packing and filing in the interestices with quarry-spalls.	cu.m	1030.74
27016	Providing and filling sand below R.C.C. Raft in Layers including ramming and watering complete.	cu.m	453.6

Item Code	Description	Unit	SOR Rate for 2023-24
27017A	Providing and filling trenches of Labour charges - Excavator in rocky strata with ordinary cement concrete M-75	cu.m	2842.43
27018A	Providing fabricating and setting out steel cutting edges for R.C.C. well curbs including lanching where necessary as per detailed drawing and as directed.	MT	47325
27019A	Providing and casting in situ Controlled Cement Concrete M-200 for well crubs including necessary shuttering laying, vibrating and curing complete.	cu.m	4399.29
27020A	Providing steel Liner for curbs and steining for wells including fabricating and setting out as per detailed drawing as directed.	MT	46855.18
27021A	Providing and casting in situ ordinary cement concrete M-100 mix for well steining including necessary shuttering, laying, vibrating and curing complete.	cu.m	3826.47
27022A	Providing and casting in situ ordinary cement concrete M-150 mix for well steining including, necessary shuttring, laying vibrating and curing complete.	cu.m	4347.75
27023A	Sinking single circular walls of interval Diameter upto 4.0 Mt. and thickness 0.75 to 1.0 Mt. foundation to levels in all sorts of soils including murrum to levels as per drawing by dredging, dewatering, drop chiselling, loading with necessary kentledge and other usual means as may be necessary for the type of work including all the necessary plant and machinery complete as directed.(a)Depth from 0.0 mtr to 3.0 mtr. Assuming sinking operation is done for 8 hours per day and during that time well sinks by 0.50 meters per day.	Rmt	25438.2
27023B	Sinking single circular walls of interval Diameter upto 4.0 Mt. and thickness 0.75 to 1.0 Mt. foundation to levels in all sorts of soils including murrum to levels as per drawing by dredging, dewatering, drop chiselling, loading with necessary kentledge and other usual means as may be necessary for the type of work including all the necessary plant and machinery complete as directed.(b)Additional from 3 to 6 Mtr. Assuming sinking operation is done for 8 hours per day and during that time well sinks by 0.50 meters per day.	Rmt	27614.8



Item Code	Description	Unit	SOR Rate for 2023-24
27023C	Sinking single circular walls of interval Diameter upto 4.0 Mt. and thickness 0.75 to 1.0 Mt. foundation to levels in all sorts of soils including murrum to levels as per drawing by dredging, dewatering, drop chiselling, loading with necessary kentledge and other usual means as may be necessary for the type of work including all the necessary plant and machinery complete as directed.(b)Additional from 6 to 9 Mtr. Assuming sinking operation is done for 8 hours per day and during that time well sinks by 0.50 meters per day.	Rmt	29886.85
27023D	Sinking single circular walls of interval Diameter upto 4.0 Mt. and thickness 0.75 to 1.0 Mt. foundation to levels in all sorts of soils including murrum to levels as per drawing by dredging, dewatering, drop chiselling, loading with necessary kentledge and other usual means as may be necessary for the type of work including all the necessary plant and machinery complete as directed.(b)Additional from 9 to 12 Mtr. Assuming sinking operation is done for 8 hours per day and during that time well sinks by 0.50 meters per day.	Rmt	32255.45
27023E	Sinking single circular walls of interval Diameter upto 4.0 Mt. and thickness 0.75 to 1.0 Mt. foundation to levels in all sorts of soils including murrum to levels as per drawing by dredging, dewatering, drop chiselling, loading with necessary kentledge and other usual means as may be necessary for the type of work including all the necessary plant and machinery complete as directed.(b)Additional from 12 to 15 Mtr. Assuming sinking operation is done for 8 hours per day and during that time well sinks by 0.50 meters per day.	Rmt	35429.79
27023F	Sinking single circular walls of interval Diameter upto 4.0 Mt. and thickness 0.75 to 1.0 Mt. foundation to levels in all sorts of soils including murrum to levels as per drawing by dredging, dewatering, drop chiselling, loading with necessary kentledge and other usual means as may be necessary for the type of work including all the necessary plant and machinery complete as directed.(b)Additional from 15 to 18 Mtr. Assuming sinking operation is done for 8 hours per day and during that time well sinks by 0.50 meters per day.	Rmt	38017.36

Item Code	Description	Unit	SOR Rate for 2023-24
27023G	Sinking single circular walls of interval Diameter upto 4.0 Mt. and thickness 0.75 to 1.0 Mt. foundation to levels in all sorts of soils including murrum to levels as per drawing by dredging, dewatering, drop chiselling, loading with necessary kentledge and other usual means as may be necessary for the type of work including all the necessary plant and machinery complete as directed.(b)Additional from 18 to 21 Mtr. Assuming sinking operation is done for 8 hours per day and during that time well sinks by 0.50 meters per day.	Rmt	40705
27023H	Sinking single circular walls of interval Diameter upto 4.0 Mt. and thickness 0.75 to 1.0 Mt. foundation to levels in all sorts of soils including murrum to levels as per drawing by dredging, dewatering, drop chiselling, loading with necessary kentledge and other usual means as may be necessary for the type of work including all the necessary plant and machinery complete as directed.(b)Additional from 21 to 24 Mtr. Assuming sinking operation is done for 8 hours per day and during that time well sinks by 0.50 meters per day.	Rmt	43493.85
27023I	Sinking single circular walls of interval Diameter upto 4.0 Mt. and thickness 0.75 to 1.0 Mt. foundation to levels in all sorts of soils including murrum to levels as per drawing by dredging, dewatering, drop chiselling, loading with necessary kentledge and other usual means as may be necessary for the type of work including all the necessary plant and machinery complete as directed.(b)Additional from 24 to 27 Mtr. Assuming sinking operation is done for 8 hours per day and during that time well sinks by 0.50 meters per day.	Rmt	46385
27023J	Sinking single circular walls of interval Diameter upto 4.0 Mt. and thickness 0.75 to 1.0 Mt. foundation to levels in all sorts of soils including murrum to levels as per drawing by dredging, dewatering, drop chiselling, loading with necessary kentledge and other usual means as may be necessary for the type of work including all the necessary plant and machinery complete as directed.(b)Additional from 27 to 30 Mtr. Assuming sinking operation is done for 8 hours per day and during that time well sinks by 0.50 meters per day.	Rmt	49379.58

Item Code	Description	Unit	SOR Rate for 2023-24
27024	Sinking single circular wells of internal diameter upto 4.0 Mt. thickness 0.75 to 1.0 Mt. for foundation to levels in all sorts of soils including murrum to levels as per drawing by dredging, dewatering drop-chiselling loading with necessary kentledge and other usual means as may be necessary for the type of work including all the necessary plant and machinery complete as directed. Extra for sinking in soft rock. Assuming sinking operation is done for 8 hours per day and during that time well sinks by 0.25 meter / day	Rmt	37664.55
27025	Sinking single circular wells of internal diameter upto 4.0 Mt. thickness 0.75 to 1.0 Mt. for foundation to levels in all sorts of soils including murrum to levels as per drawing by dredging, dewatering drop-chiselling loading with necessary kentledge and other usual means as may be necessary for the type of work including all the necessary plant and machinery complete as directed. Extra for sinking in hard rock. Assuming sinking operation is done for 8 hours per day and during that time well sinks by 0.10 meter / day	Rmt	96197.85
27026A	Filling in Hollow of steel floating curbs and steining with ordinary cement concrete M-100 grade including vibrating and curing complete.	cu.m	3213.43
27027A	Filling in holow of steel floating curbs and steining with ordinary cement concrete M-150 grade including vibrating and curing complete.	cu.m	3561.03
27030	Load testing of foundation piles including loading with necessary kentledge or any other suitable method as directed.	MT	185.52
27031A	Providing and laying ordinary cement concrete M-150 mix for bottom plug for well in dry condition, including ramming and curing or under water by tremie or any other suitable method complete.	cu.m	3839.03
27032	Providing and fixing mild steel dowel bars of minimum 32mm dia. for anchoring by drilling holes in foundation strata including necessary bending, hooking of dowel bars and grouting the holes complete as per detailed drawing and as directed.	Rmt	443.83
27033	Providing and filling sand in between the top and bottom plugs with good sand in layers including compacting as directed.	cu.m	453.6
27034A	Providing and casting in situ ordinary cement concrete M-100 mix for top plug for well including laying ramming, vibrating and curing complete.	cu.m	3462.05

Item Code	Description	Unit	SOR Rate for 2023-24
27035A	Providing and casting in situ controlled cement concrete M-150 for R.C.C. well cap including necessary formwork, vibrating, curing and finishing complete.	cu.m	3985.89
27036A	Providing and casting in situ controlled cement concrete M-200 for R.C.C. well cap including necessary formwork, vibrating, curing and finishing complete.	cu.m	5077.7
27037A	Providing and placing in position Mild steel bar reinforcement for following items including cutting, bending, hooking and typing complete as per detailed drawing.For well :- curb, staining, cap and RCC Raft.	MT	56029.31
27038A	Providing and placing in position HYSD bar reinforcement for following items including cutting bending hooking and tying complete as per detailed drawing.For well :- curb, staining, cap and RCC Raft.	MT	56638.88
27039	Empty boring through all sorts of strata for providing 1.20 Mt. diameter R.C.C. bored piles to required depth required depth including providing necessary casing pipe with all plants and equipments as required complete.	Rmt	2680.65
27040A	Providing and laying controlled cement concrete M-200 for R.C.C. bored piles of 1.20 Mt. diameter including ramming, vibrating, curing and finishing complete.	cu.m	4461.82
27041A	Providing and laying controlled cement concrete M-250 for R.C.C. bored piles of 1.20 Mt. diameter including ramming, vibrating and finishing complete.	cu.m	4577.33
27042A	Providing and fixing in position M.S. bar reinforcement for R.C.C.Bored piles as per detailed drawing, including hooking, tying welding and including forming the cage and lowering it in position.	MT	56344.45
27043A	Providing and fixing in position high yield strength deformed for R.C.C. bored piles as per detailed drawing, including cutting, bending hooking tying and welding complete and including forming the cage and lowering it in position.	MT	56344.45
27043B	Providing and fixing in position Fe 415 TMT for R.C.C. bored piles as per detailed drawing, including cutting, bending hooking tying and welding complete and including forming the cage and lowering it in position. (up to 10 ton)	MT	63156.52
27043C	Providing and fixing in position Fe 500D TMT for R.C.C. bored piles as per detailed drawing, including cutting, bending hooking tying and welding complete and including forming the cage and lowering it in position. (up to 10 ton)	MT	72289.18

Item Code	Description	Unit	SOR Rate for 2023-24
27044	Load testing of foundation piles including loading with necessary kentledge or any other suitable method as directed.	MT	35412.98
27045A	Providing and casting in situ controlled cement concrete M-200 for R.C.C. pile cap including necessary formwork, vibrating, curing and finishing complete.	cu.m	4670.56
27046A	Providing and placing in position mild steel bar reinforcement for pile cap including cutting, bending hooking and tying complete as per detailed drawing.	MT	56029.31
27047A	Providing and placing in position High yield strength deformed bars for pile cap including cutting, bending hooking, and tying complete as per detailed drawing.	MT	56029.31
<b>(C) SUB STRUCTURE</b>			
27048A	Providing uncoursed rubble stone masonry in Cement Mortar 1:5 for flooring including curring pointing in Cement Mortar 1:3 on exposed faces complete.	cu.m	2210.52
27049AA	Providing coursed rubble stone masonry in Cement Mortar 1:3 or sub-structure including curing and necessary scaffolding complete (Without cement pointing) (A) Height from 0.0 M. to 5.0 M.	cu.m	2347.29
27049BA	Providing coursed rubble stone masonry in Cement Mortar 1:3 or sub-structure including curing and necessary scaffolding complete (Without cement pointing) (B) Height from 5.0 M. to 10.0 M.	cu.m	2741.22
27049CA	Providing coursed rubble stone masonry in Cement Mortar 1:3 or sub-structure including curing and necessary scaffolding complete (Without cement pointing) (C) Height from 10.0 M. to 15.0 M.	cu.m	2741.22
27050	Extra for providing Khanki facing over coursed rubble stone masonry for sub structure including raking out joints, Cement pointing in Cement Mortar 1:1 and curing complete.	cu.m	398.48
27050A	Providing & laying weep hole in Abutments, and returns by using A.C. pipe of 100mm including laying in proper grede and jointing the completed as per detailed specification.	Each	81.75
27051	Providing cement pointing in Cement Mortar 1:3 to masonry work including raking out joints, scaffolding and curing etc. complete.	Sqm	83.16
27052AA	Providing & casting in situ ordinary cement concrete M-100 mix and providing necessary pin headers including shuttering, scaffolding, laying, vibrating, curing and finishing complete with V-Groves.(A) Height from 0.0 M. to 5.0 M.	cu.m	3488.25

Item Code	Description	Unit	SOR Rate for 2023-24
27052BA	Providing & casting in situ ordinary cement concrete M-100 mix and providing necessary pin headers including shuttering, scaffolding, laying, vibrating, curing and finishing complete with V-Groves.(B) Height from 5.0 M. to 10.0 M.	cu.m	3941.27
27052CA	Providing & casting in situ ordinary cement concrete M-100 mix and providing necessary pin headers including shuttering, scaffolding, laying, vibrating, curing and finishing complete with V-Groves.(C) Height from 10.0 M. to 15.0 M.	cu.m	3941.27
27053AA	Providing & casting in situ ordinary cement concrete M-100 mix and providing necessary pin headers including shuttering, scaffolding, laying, vibrating, curing and finishing complete without V-Groves.(A) Height from 0.0 M. to 5.0 M.	cu.m	3414.36
27053BA	Providing & casting in situ ordinary cement concrete M-100 mix and providing necessary pin headers including shuttering, scaffolding, laying, vibrating, curing and finishing complete without V-Groves.(B) Height from 5.0 M. to 10.0 M.	cu.m	3921.54
27053CA	Providing & casting in situ ordinary cement concrete M-100 mix and providing necessary pin headers including shuttering, scaffolding, laying, vibrating, curing and finishing complete without V-Groves.(C) Height from 10.0 M. to 15.0 M.	cu.m	3921.54
27054A	Providing and fixing in position Mild steel for temperature reinforcement for Mass concrete pier including cutting, bending and tying as required complete.	MT	56029.31
27055A	Providing and fixing in position Mild steel for temperature reinforcement for Mass concrete pier/Abutment/Returns including cutting, bending and tying as required complete.(A) Piers(B) Abutments(C) Returns	MT	56029.31
27056	Providing and fixing in position Mild steel dowel bars in pier caps or abutment caps for anchorage in fixed end as per detailed drawings including cutting, bending and welding complete.	Each	336.51
27057	Providing and fixing in position Mild steel dowel bars in pier caps or abutments caps for anchorage in free end as per detailed drawing including cutting, bending and welding complete.	Each	392.35
27058A	Providing and fixing cast steel roller rocker bearings as per detailed drawings.	Tonne Capacity	228.58
27059A	Providing and fixing Mild steel roller rocker bearings as per detailed drawings.	Tonne Capacity	357.33

Item Code	Description	Unit	SOR Rate for 2023-24
27060A	Providing and fixing cast steel rocker bearings as per drawings.	Tonne Capacity	111.52
27061A	Providing and fixing Mild steel rocker bearings as per drawings.	Tonne Capacity	109.48
27062A	Providing and fixing M.S. sliding plate bearings as per drawings.	Tonne Capacity	59.85
27063A	Providing and fixing M.S. fixed plate bearings as per drawings.	Tonne Capacity	94.05
27064AA	Providing and casting in situ controlled cement concrete M-200 for R.C.C. return as per drawings including centering shuttering, scaffolding where necessary, laying vibrating, curing and finishing complete.(A) Height from 0.0 to 5.0 M. (1) Piers (2) Abutment (3) RCC return	cu.m	4965.09
27064BA	Providing and casting in situ controlled cement concrete M-200 for R.C.C. return as per drawings including centering shuttering, scaffolding where necessary, laying vibrating, curing and finishing complete.(B) Height from 5.0 to 10.0 M. (1) Piers (2) Abutment (3) RCC return	cu.m	5275.45
27064CA	Providing and casting in situ controlled cement concrete M-200 for R.C.C. return as per drawings including centering shuttering, scaffolding where necessary, laying vibrating, curing and finishing complete.(C) Height from 10.0 to 15.0 M. (1) Piers (2) Abutment (3) RCC return	cu.m	6049.03
27065AA	Providing an casting in situ ordinary cement concrete M-150 mix for R.C.C. works in pier cap abutment cap and dirt wall including controlled cement concrete M-200 Bed block or pedestals of required size below bearings as per detailed drawings centering, shutting, scaffolding, wherever necessary, laying vibrating curing and finishing complete.	cu.m	4200.23
27065BA	Providing and casting in situ controlled cement concrete M-150 mix for R.C.C. works in pier cap, abutment cap and dirt wall including controlled cement concrete M-200 bed blocks or pedstals of required size below bearings as per detailed drawings, centering shuttering, scaffolding, wherever necessary, laying vibating, curing and finishing complete.	cu.m	4616.69

Item Code	Description	Unit	SOR Rate for 2023-24
27066AA	Providing and casting in situ ordinary cement concrete M-200 for R.C.C. works in pier cap abutment cap and dirt wall including controlled cement concrete M-250 Bed block or pedestal or required size below bearings as per detailed drawings, centering, shuttering, scaffolding, wherever necessary, laying vibrating curing and finishing complete.	cu.m	4583.05
27066BA	Providing and casting in situ controlled cement concrete M-200 for R.C.C. work in pier cap, abutment cap and dirt wall including controlled cement concrete M-250 bed blocks or pedestals of required size below bearings as per detailed drawings, centering, shuttering, scaffolding, wherever necessary, laying vibrating, curing and finishing complete.	cu.m	5043.35
27067A	Providing and casting in situ ordinary cement concrete M-150 for coping, over riding returns including formwork curing and finishing complete.	cu.m	3719.34
27068A	Providing and laying in position mild steel bar reinforcement including cutting, bending, hooking and tying and complete as per detailed drawings for the following.(A) Piers (B) Abutments (C) R.C.C. Returns	MT	56029.31
27069A	Providing and laying in position high yield strength deformed bar reinforcement including cutting, bending, hooking and tying complete as per detailed drawings for the following.(A) Piers (B) Abutments (C) R.C.C. Returns	MT	56638.88
27070A	Providing and laying in position Mild steel bar reinforcement including cutting, bending, hooking and tying complete as per detailed for the following.(A) Abutment cap & Dirt wall. (B) Pier Cap.	MT	56029.31
27071A	Providing and laying in position High yield strength deformed bar reinforcement including cutting, bending, hooking and tying complete as per detailed for the following.(A) Abutment cap & Dirt wall. (B) Pier Cap.	MT	56638.88
27072	Providing and fixing in position fully moulded restrained elastometric Bearings as per detailed drawings.	cu.m	0.89
<b>(D) SUPER STRUCTURE</b>			
27073AA	Providing and casting in situ ordinary cement concrete M-150 for R.C.C. solid slab including centering, scaffolding, curing and finishing complete.	cu.m	4163.86
27073BA	Providing and casting in situ controlled cement concrete M-150 for R.C.C. solid slab including centering, scaffolding, curing and finishing complete.	cu.m	5066.68



Item Code	Description	Unit	SOR Rate for 2023-24
27074AA	Providing and casting in situ ordinary Cement concrete M-200 for R.C.C. solid slab including centering, scaffolding curing and finishing complete.	cu.m	4560.15
27074BA	Providing and casting in situ controlled cement concrete M-200 for R.C.C. solid slab including centering, scaffolding, curing and finishing complete.	cu.m	5107.65
27075A	Providing and casting in situ controlled cement concrete M-150 for R.C.C. solid slab including centering, scaffolding curing and finishing complete.	cu.m	5034.94
27076A1A	Providing and casting in situ controlled cement concrete M-200 for R.C.C. work in superstructure including centering, ramming vibrating curing and finishing complete.(A) T-Beam and Deck slab type of superstructure (I) Deck slab	cu.m	5508.16
27076A2A	Providing and casting in situ controlled cement concrete M-200 for R.C.C. work in superstructure including centering, ramming vibrating curing and finishing complete.(A) T-Beam and Deck slab type of superstructure (II) Main and cross Girder	cu.m	5508.16
27076B1A	Providing and casting in situ controlled cement concrete M-200 for R.C.C. work in superstructure including centering, ramming vibrating curing and finishing complete.(B) Balanced cantilever box type superstructure. (I) Deck slab	cu.m	5508.16
27076B2A	Providing and casting in situ controlled cement concrete M-200 for R.C.C. work in superstructure including centering, ramming vibrating curing and finishing complete.(B) Balanced cantilever box type superstructure. (II) Webs, Bottom slabs and Diaphragms	cu.m	5533.35
27077A1A	Providing and casting in situ controlled cement concrete M-250 for R.C.C. work in superstructure including centering, shuttering scaffolding, ramming, vibrating curing and finishing complete.(A) T-Beam and Deck slab type of superstructure (I) Deck slab	cu.m	5632.37
27077A2A	Providing and casting in situ controlled cement concrete M-250 for R.C.C. work in superstructure including centering, shuttering scaffolding, ramming, vibrating curing and finishing complete.(A) T-Beam and Deck slab type of superstructure (II) Main and cross Girder	cu.m	5632.37
27077B1A	Providing and casting in situ controlled cement concrete M-250 for R.C.C. work in superstructure including centering, shuttering scaffolding, ramming, vibrating curing and finishing complete.(B) Balanced cantilever box type superstructure. (I) Deck slab	cu.m	5627.94

Item Code	Description	Unit	SOR Rate for 2023-24
27077B2A	Providing and casting in situ controlled cement concrete M-250 for R.C.C. work in superstructure including centering, shuttering scaffolding, ramming, vibrating curing and finishing complete.(B) Balanced cantilever box type superstructure. (II) Webs,Bottom slabs and Diaphragms	cu.m	5137.94
27078AA	Providing and placing in position Mild steel bar reinforcement including cutting bending hooking and tying complete as per detailed drawing for (A) Solid Slab.	MT	56029.31
27078BA	Providing and placing in position Mild steel bar reinforcement including cutting bending hooking and tying complete as per detailed drawing for (B) T-Beam and Deck slab type of superstructure (I) Deck slab (II) Main and cross Girder	MT	57384.27
27078CA	Providing and placing in position Mild steel bar reinforcement including cutting bending hooking and tying complete as per detailed drawing for (C) Balanced cantilever box type superstructure. (I) Deck slab (II) Webs,Bottom slabs and Diaphragms	MT	58759.24
27079AA	Providing and placing in position High yield strength deformed bar reinforcement including cutting, bending, hooking, and tying complete as per detailed drawing.(A) Solid Slab.	MT	58283.49
27079BA	Providing and placing in position High yield strength deformed bar reinforcement including cutting, bending, hooking, and tying complete as per detailed drawing.(B) T-Beam and Deck slab type of superstructure (I) Deck slab (II) Main and cross Girder	MT	59648.46
27079CA	Providing and placing in position High yield strength deformed bar reinforcement including cutting, bending, hooking, and tying complete as per detailed drawing.(C) Balanced cantilever box type superstructure.(I) Deck slab (II) Webs,Bottom slabs and Diaphragms	MT	61013.42
<b>(E) PRE STRESSED CONCRETE</b>			
27080A	Providing and casting in situ or precast controlled Cement Concrete M-350 for prestressed concrete work in Super structure including centering, shuttering, curing, scaffolding, ramming, vibrating, finishing, launching or shifting complete.(I) Solid Slab. (II) Deck Slab. (III) Main Girders.(IV) Diaphragm or cross girder.	cu.m	7511.64

Item Code	Description	Unit	SOR Rate for 2023-24
27081A	Providing and casting in situ or precast controlled Cement Concrete M-400 for prestressed concrete work in Super structure including centering, shuttering, curing, scaffolding, ramming, vibrating, finishing, launching or shifting complete.(I) Solid Slab.(II) Deck Slab.(III) Main Girders.(IV) Diaphragm or cross girder.	cu.m	7428.72
27082A	Providing and casting in situ or precast controlled Cement Concrete M-450 for prestressed concrete work in Super structure including centering, shuttering, curing, scaffolding, ramming, vibrating, finishing, launching or shifting complete.(I) Solid Slab.(II) Deck Slab.(III) Main Girders.(IV) Diaphragm or cross girder.	cu.m	7493.69
27083A	Providing and casting in situ or precast controlled Cement Concrete M-500 for prestressed concrete work in Super structure including centering, shuttering, curing, scaffolding, ramming, vibrating, finishing, launching or shifting complete.(I) Solid Slab.(II) Deck Slab.(III) Main Girders.(IV) Diaphragm or cross girder.	cu.m	8501.42
27084A	Providing and fixing in position to exact profile high tensile steel wires of required ultimate strength including bending, cutting, tying providing necessary standard and anchorages, sheathing, stressing, grouting, ducts as per detailed drawing including necessary plant and machinery complete.	MT	71685.8
27085AA	Providing and placing in position Mild steel bar reinforcement including cutting, bending hooking and tying complete as per detailed drawings.(I) Solid Slab. (II) Deck Slab.	MT	56029.31
27085BA	Providing and placing in position Mild steel bar reinforcement including cutting, bending hooking and tying complete as per detailed drawings.(III) Main Girders. (IV) Diaphragm or cross girder.	MT	57394.27
27086AA	Providing and placing in position H.Y.S.D. Bar reinforcement including, cutting, bending hooking and tying complete as per detailed drawings.(I) Solid Slab.(II) Deck Slab.	MT	58283.49
27086BA	Providing and placing in position H.Y.S.D. Bar reinforcement including, cutting, bending hooking and tying complete as per detailed drawings.(III) Main Girders.(IV) Diaphragm or cross girder.	MT	59648.46
27087	Providing Pre-moulded asphalt filler joints as per drawings.(A) 12mm	Sqm	695.17

Item Code	Description	Unit	SOR Rate for 2023-24
27088	Providing and fixing metal expansion joints as per drawings. Details of expansion joint 50 x 50 x 6mm size two IS and 100 x 6mm MS plate with 6 x 20 x 25mm long hold fast @ 50 cm / cc on both sides of expansion joints.	Rmt	1994.01
27089	Carrying out load test of super structure as directed including all necessary materials plant equipment, instruments, labour and arrangements for test directed.	MT	168.24
<b>(F) FIXED ITEMS</b>			
27090AA	Providing and casting in situ ordinary cement concrete M-150 for average 75 mm thick wearing coat laid as directed including tamping ,vibrating, finishing, curing and filling in joints with bitumen complete.	cu.m	3679.28
27090BA	Providing and casting in situ controlled cement concrete M-150 for average 75 mm thick Wearing coat laid as directed including tamping ,vibrating, finishing, curing and filling in joints with bitumen complete.	cu.m	4169.28
27091AA	Providing and casting in situ ordinary cement concrete M-200 for average 75 mm thick wearing coat laid as directed including tamping ,vibrating, finishing, curing and filling in joints with bitumen complete.	cu.m	4162.92
27091BA	Providing and casting in situ controlled cement concrete M-200 for average 75 mm thick wearing coat laid as directed including tamping, vibrating, finishing, curing and filling in joints with bitumen complete	cu.m	5073.54
27092AA	Providing and casting in situ ordinary cement concrete M-150 for Kerbs / kerb blocks including formwork, curing and finishing complete.	cu.m	3794.28
27092BA	Providing and casting in situ controlled cement concrete M-150 for Kerb/kerb blocks including formwork curing and finishing, complete.	cu.m	4179.28
27093AA	Providing and casting in situ ordinary cement concrete M-200 for Kerbs/Kerb blocks including formwork, curing and finishing complete.	cu.m	4162.92
27093BA	Providing and casting in situ controlled cement concrete M-200 for Kerb/ kerb blocks including formwork curing and finishing, complete	cu.m	4662.14
27094A	Providing and laying precast R.C.C footpath slab in controlled cement concrete of M-200 grade (7.0Cm. thickness including necessary reinforcement and providing and setting cement chequered tiles in C.M. 1:5 as per drawing including necessary formwork, curing and finishing complete.	cu.m	1072.33

Item Code	Description	Unit	SOR Rate for 2023-24
27095A1A	Providing parapet of ordinary cement concrete M-150 as per detailed drawings with necessary reinforcement including, shuttering, laying vibrating and finishing to line and level complete. (i) Precast.	Sqm	969.71
27095A2A	Providing parapet of ordinary cement concrete M-150 as per detailed drawings with necessary reinforcement including, shuttering, laying vibrating and finishing to line and level complete. (ii) Cast in situ.	Rmt	969.71
27095B1A	Providing parapet of controlled cement concrete M-150 as per detailed detailed drawings with necessary reinforcement including, shuttering, laying vibrating and finishing to line and level complete. (i) Precast.	Rmt	1132.82
27095B2A	Providing parapet of controlled cement concrete M-150 as per detailed detailed drawings with necessary reinforcement including, shuttering, laying vibrating and finishing to line and level complete. (ii) Cast in situ.	Rmt	1132.82
27096A1A	Providing parapet of ordinary cement concrete M-200 as per detailed drawings with necessary reinforcement including, shuttering, laying vibrating and finishing to line and level complete.(i) Precast.	Rmt	1037.67
27096A2A	Providing parapet of ordinary cement concrete M-200 as per detailed drawings with necessary reinforcement including, shuttering, laying vibrating and finishing to line and level complete.(ii) Cast in situ.	Rmt	1037.67
27096B1A	Providing parapet of ordinary cement concrete M-200 as per detailed drawings with necessary reinforcement including, shuttering, laying vibrating and finishing to line and level complete.(i) Precast.	Rmt	1147.76
27096B2A	Providing parapet of ordinary cement concrete M-200 as per detailed drawings with necessary reinforcement including, shuttering, laying vibrating and finishing to line and level complete.(ii) Cast in situ.	Rmt	1147.76
27097A	Providing and fixing post and pipe railing as per detailed drawing including 3 coats of painting to steel works complete.	Rmt	1190.89
27098A	Providing G.I. 100mm diameter water spouts including necessary iron gratings as per drawings.	Each	530.72
27099A	Providing C.I. 100mm diameter water spouts including necessary iron gratings as per drawings.	Each	903.37
27100A	Providing P.V.C. 100 mm diameter water spouts including necessary iron gratings as per drawings.	Each	157.79
27101A	Providing and fixing marble slab including engraving and painting complete. (i) Size 75cm x 60cm x 4cm.	Each	1002.62

Item Code	Description	Unit	SOR Rate for 2023-24
27101B	Providing and fixing marble slab including engraving and painting complete. (ii) Size 60cm x 60cm x 4cm.	Each	867.26
27101C	Providing and fixing marble slab including engraving and painting complete. (iii) Size 60cm x 45cm x 4cm.	Each	832.17
27102AA	Providing and casting in situ ordinary cement concrete M-150 for approach slab including formwork curing and finishing complete.	cu.m	3657.5
27102BA	Providing and casting in situ controlled cement concrete M-150 for approach slab including formwork curing and finishing complete.	cu.m	4522.04
27103AA	Providing and casting in situ ordinary cement concrete M-200 for approach slab including formwork curing and finishing complete.	cu.m	4026.92
27103BA	Providing and casting in situ controlled cement concrete M-200 for approach slab including formwork curing and finishing complete.	cu.m	4933.1
27104A	Providing and fixing in position Mild steel bar reinforcement including cutting, bending and tying complete as per detailed drawings.(A) R.C.C. Kerb. (B) R.C.C. Footpath.(C) R.C.C. Approach slab.(D) Wearing Coat.	MT	56029.31
27105A	Providing and fixing in position H.Y.S.D. bar reinforcement including cutting, bending and tying complete as per detailed drawings. (A) R.C.C. Kerb. (B) R.C.C. Footpath.(C) R.C.C. Approach slab.(D) Wearing Coat.	MT	58283.49
27106	Providing and placing in position FE 415 TMT bar reinforcement for following items including cutting bending hooking and tying complete as per detailed drawing.For well :- curb, staining, cap and RCC Raft.	MT	63412.07
27107	Providing and placing in position FE 500D bar reinforcement for following items including cutting bending hooking and tying complete as per detailed drawing.For well :- curb, staining, cap and RCC Raft.	MT	72492.6
27108	Providing and laying in position FE 415 TMT bar reinforcement including cutting, bending, hooking and tying complete as per detailed drawings for the following.(A) Piers (B) Abutments (C) R.C.C. Returns	MT	63412.07
27109	Providing and laying in position FE 500D TMT bar reinforcement including cutting, bending, hooking and tying complete as per detailed drawings for the following.(A) Piers (B) Abutments (C) R.C.C. Returns	MT	72492.6
27110	Providing and laying in position FE 415 TMT bar reinforcement including cutting, bending, hooking and tying complete as per detailed for the following. (A) Abutment cap & Dirt wall. (B) Pier Cap.	MT	63412.07

Item Code	Description	Unit	SOR Rate for 2023-24
27111	Providing and laying in position FE 500D TMT bar reinforcement including cutting, bending, hooking and tying complete as per detailed for the following. (A) Abutment cap & Dirt wall. (B) Pier Cap.	MT	72492.6
27112	Providing and placing in position FE 415 TMT bar reinforcement including cutting, bending, hooking, and tying complete as per detailed drawing.(A) Solid Slab.	MT	62802.5
27113	Providing and placing in position FE 500D TMT bar reinforcement including cutting, bending, hooking, and tying complete as per detailed drawing.(A) Solid Slab.	MT	71883.03
27114	Providing and placing in position FE 415 TMT bar reinforcement including cutting, bending, hooking, and tying complete as per detailed drawing.(B) T-Beam and Deck slab type of superstructure (I) Deck slab (II) Main and cross Girder	MT	64167.46
27115	Providing and placing in position FE 500D TMT bar reinforcement including cutting, bending, hooking, and tying complete as per detailed drawing.(B) T-Beam and Deck slab type of superstructure (I) Deck slab (II) Main and cross Girder	MT	73248
27116	Providing and placing in position FE 415 TMT bar reinforcement including cutting, bending, hooking, and tying complete as per detailed drawing.(C) Balanced cantilever box type superstructure.(I) Deck slab (II) Webs,Bottom slabs and Diaphragms	MT	65532.43
27117	Providing and placing in position FE 500D TMT bar reinforcement including cutting, bending, hooking, and tying complete as per detailed drawing.(C) Balanced cantilever box type superstructure.(I) Deck slab (II) Webs,Bottom slabs and Diaphragms	MT	74612.96
27118	Providing and placing in position FE 415 TMT Bar reinforcement including, cutting, bending hooking and tying complete as per detailed drawings.(I) Solid Slab.(II) Deck Slab.	MT	62802.5
27119	Providing and placing in position FE 500D TMT. Bar reinforcement including, cutting, bending hooking and tying complete as per detailed drawings.(I) Solid Slab.(II) Deck Slab.	MT	71883.03
27120	Providing and placing in position FE 415 TMT Bar reinforcement including, cutting, bending hooking and tying complete as per detailed drawings.(III) Main Girders.(IV) Diaphragm or cross girder.	MT	64167.46
27121	Providing and placing in position FE 500D TMT Bar reinforcement including, cutting, bending hooking and tying complete as per detailed drawings.(III) Main Girders.(IV) Diaphragm or cross girder.	MT	73248

Item Code	Description	Unit	SOR Rate for 2023-24
27122	Providing and fixing in position FE 415 TMT bar reinforcement including cutting, bending and tying complete as per detailed drawings. (A) R.C.C. Kerb. (B) R.C.C. Footpath.(C) R.C.C. Approach slab.(D) Wearing Coat.	MT	62802.5
27123	Providing and fixing in position FE 500D TMT bar reinforcement including cutting, bending and tying complete as per detailed drawings. (A) R.C.C. Kerb. (B) R.C.C. Footpath.(C) R.C.C. Approach slab.(D) Wearing Coat.	MT	71883.03



# **STANDARD FOR CEMENT CONSUMPTION**

## **STATEMENT - 1**

Standards for cement consumption for controlled concrete items include in the schedule of Rates.  
(For the purpose of assessing cement requirement and for enservin in actual execution)

### **BUILDING ITEMS**

Sr. No. in Chapter in S. O. R.	Item No. in S. O. R.	Brief Description of Item	Unit	Quantity of cement to be used per unit quantity of works. [In Kg.]
1	2	3	4	5
<b>CHAPTER-2. MORTARS CEMENT MORTAR</b>				
5	2.5.11	1 : 1 (1 Cement : 1 Sand)	Cu.M.	1020.00
6	2.5.12	1 : 2 (1 Cement : 2 Sand)	Cu.M.	680.00
7/11	2.5.13/ 2.5.18	1 : 3 (1 Cement : 3 Sand)	Cu.M.	510.00
8/12	2.5.14	1 : 4 (1 Cement : 4 Sand)	Cu.M.	380.00
9/13	2.5.15 / 2.5.20	1 : 5 (1 Cement : 5 Sand)	Cu.M.	310.00
10/14	2.5.16 / 2.5.21	1 : 6 (1 Cement : 6 Sand)	Cu.M.	250.00
15	0.0	1 : 8 (1 Cement : 8 Sand)	Cu.M.	191.40
<b>CHAPTER-5. CONCRETE WORK CEMENT CONCRETE</b>				
3/5	5.3.2 / 5.3.14	1 : 3 : 6 (1 cement : 3 sand : 6 graded aggregates)	Cu.M.	220.00
4	5.3.3	1 : 4 : 8 (1 cement : 4 Sand : 8 graded aggregates)	Cu.M.	160.00
6/9	5.3.4 / 5.3.8	1 : 5 : 10 (1 cement : 5 Sand : 10 graded aggregates)	Cu.M.	130.00
10/11	5.3.13/ 5.4.1	1 : 2 : 4 (1 cement : 2 Sand : 4 graded aggregates)	Cu.M.	290.00
12	5.4.4	Reinforced cement concrete 1:2:4 for chhajjas including finishing exposed surface with cement mortar 1:3 (1 cement : 3 sand)	Cu.M.	315.00 (Including 25 Kg. for finishing etc.)
17	5.4.16	Smooth finishing of exposed surface with cement mortar 1 : 3	Sq.M.	3.67
21	5.7.1	Damp proof course with 25 mm thick cement concrete 1:2:4 (1 cement : 2 sand : 4 stone aggregates)	Sq.M.	8.00

Sr. No. in Chapter in S. O. R.	Item No. in S. O. R.	Brief Description of Item	Unit	Quantity of cement to be used per unit quantity of works. [In Kg.]
1	2	3	4	5
<b>CHAPTER-6. BRICK WORK ALL CLASSES</b>				
1.	6.12	In cement mortar 1:5 (1 cement : 5 sand) (A) MODULAR (B) CONVENTIONAL	Cu.M. Cu.M.	65.10 74.40
2.	6.13	In cement mortar 1:6 (1 cement : 6 sand) (A) MODULAR (B) CONVENTIONAL	Cu.M. Cu.M.	52.50 60.00
3.	0.0	In cement mortar 1:8 (1 cement : 8 sand) (A) MODULAR (B) CONVENTIONAL	Cu.M. Cu.M.	40.19 45.94
<b>HALF BRICK WORK ALL CLASSES</b>				
8.	6.13 (I)	In cement mortar 1:4 (1 cement : 4 sand) (A) MODULAR (B) CONVENTIONAL	Sq.M. Sq.M.	9.50 10.64
	6.30 (II)	In cement mortar 1:5 (1 cement : 5 sand) (A) MODULAR (B) CONVENTIONAL	Sq.M. Sq.M.	7.75 8.68
9.	6.31	In cement mortar 1:3 (1 cement : 3 sand) (A) MODULAR (B) CONVENTIONAL	Sq.M. Sq.M.	12.75 14.28
<b>MISCELLANEOUS</b>				
12	6.55	Half brick thick honey comb brick work (I) In cement mortar 1:4 (1 cement : 4 sand) (II) In cement mortar 1:5 (1 cement : 5 sand)	Sq.M. Sq.M.	6.02 4.91
<b>CHAPTER-7. STONE WORK AND CONCRETE</b>				
1.	7.6	(I) In cement mortar 1:6 (1 cement : 6 sand) (II) In cement mortar 1:5 (1 cement : 5 sand)	Cu.M. Cu.M.	82.50 102.30
<b>COURSED RUBBLE MASONARY</b>				
4	7.17(A)	In Cement motar 1:6 (1 Cement : 6 sand)	Cu.M.	75.00
5	5.11 (B)	In Cement motar 1:5 (1 Cement : 5 sand)	Cu.M.	93.00
		In Cement motar 1:4 (1 Cement : 4 sand)	Cu.M.	114.00
		In Cement motar 1:3 (1 Cement : 3 sand)	Cu.M.	153.00
9	0.0	White stone bela masonry in cement motar 1:4 (1 Cement : 4 Sand)	Sq.M.	5.70
10	0.0	White stone bela masonry in cement motar 1:5 (1 Cement : 5 Sand)	Cu.M.	65.10
11	0.0	White stone bela masonry in partition wall in B.m. 1:6 (1 Cement : 6 Sand)	Cu.M.	62.50

Sr. No. in Chapter in S. O. R.	Item No. in S. O. R.	Brief Description of Item	Unit	Quantity of cement to be used per unit quantity of works. [In Kg.]
1	2	3	4	5
12	7.75	Precast Concrete block masonry in cement motar 1:6 (1 Cement : 6 Sand)	Cu.M.	23.81
14	7.82	Precast Concrete block masonar / in partition wall in cement motar 1 :4 (1 Cement : 4 Sand)	Sq.M.	4.09
<b>CHAPTER-14. FLOORING TERRAZO FLOORING</b>				
14.2		40 mm. thick marble chips flooring with under layer 30 mm. thick cement concrete 1:2:4: and top layer 10 mm. thick with marble powder mix 3:1 ( 3 cement : 1 marble powder by weight) in proporation 4:7 (4 Cement marble powder mix : 7 marble chips by col		
	(A)	Dark shade pigment with ordinary cement (In top layer only)	Sq.M.	16.33
	(B)	Light shade pigment with white cement ( In top layer only)	Sq.M.	16.33 (Including 6.36 kg. white cement)
14.4		40 mm. thick marble chips flooring with under layer 30 mm. thick cement concrete 1:2:4: and top layer 10 mm. thick with marble chips laid in cement marble Powder mix 3:1 ( 3 cement : 1 marble powder by weight) in proporation of 4:7 (4 Cement marble powde		
	(A)	Dark shade pigment with ordinary cement (In top layer only)	Sq.M.	13.89
	(B)	Light shade pigment with white cement ( In top layer only)	Sq.M.	13.89 (Incl. 4.05 kg. white cement)

Sr. No. in Chapter in S. O. R.	Item No. in S. O. R.	Brief Description of Item	Unit	Quantity of cement to be used per unit quantity of works. [In Kg.]
1	2	3	4	5
<b>TILE FLOORING</b>				
14.19		Precast terrazo tiles 20 mm. thick in flooring on a bed of 25 mm. average thickness in cement motar 1:6 (1 Cement : 6 Sand ) jointed with neat cement slurry with precast tiles of		
	(A)	Light shade using white cement	Sq.M.	11.61 (Incl. 0.83 kg. white cement)
	(B)	Dark shade using ordinary cement	Sq.M.	11.61 (Incl. 0.83 kg. white cement)
<b>New Items included in the S.O.R. for the year 1985 - 86</b>				
		Providing and laying precast terrazo tiles 22 mm thick with white, black or white and black (or of the colour specified in an specification of tenders item) marble chips of sizes from 6 mm to 12 mm. laid in floors, treads of steps and Landing on a bed of 25 mm average thickness of lime mortar 1:1:5 (1 Lime putty 1:5 sand) of C.M. 1:6 jointed with neat cement slurry mixed with pigment to match the shade of tiles including rubbing and polishing complete with precast tiles of		
	(A)	Light shade using white cement	Sq.M.	11.61 (Including 0.83 kg of white cement)
	(B)	Dark shade using ordinary cement	Sq.M.	11.61 (Including 0.83 kg of white cement)
5	14.21	Precast terrazo tiles 20 mm thick with marble chips in silkirting and risers of steps 10 mm thick cement plaster 1:3 (1 Cement : 3 Sand jointed with neat cement slurry)	Sq.M.	11.61 kg.
	(A)	Light shade using white cement	Sq.M.	11.35 (Including 0.83 kg of white cement)
		Dark shade using ordinary cement	Sq.M.	11.35

Sr. No. in Chapter in S. O. R.	Item No. in S. O. R.	Brief Description of Item	Unit	Quantity of cement to be used per unit quantity of works. [In Kg.]
1	2	3	4	5
<b>CHEQUERED TERRAZO TILES FLOORING</b>				
6	14:24	Chequered terrazo tiles 22 mm thick in flooring on a 6 sand jointed with neat cement slurry		
	(A)	Light shade using white cement	Sq.M.	11.61 (Including 0.83 kg of white cement)
		Dark shade using ordinary cement	Sq.M.	11.61 (Including 0.83 kg of white cement)
7	14.27	Chequered terrazo tiles 28 mm thick in tread of stairs and staricases in 12 mm thick bed of c.m. 1:6 (1 Cement : 6 sand) jointed with neat cement slurry		
	(A)	Light shade using white cement	Sq.M.	8.83 (Including 0.83 kg of white cement)
		Dark shade using ordinary cement	Sq.M.	8.83
<b>WHITE GLAZED TILES FLOORING</b>				
8	14.29	White glazed tiles 6 mm thick flooring on a bed of 12 mm thick cement mortar 1:3 (1 cement : 3 sand) & finished with flush jointing in white cement Sq.m. 10.44	Sq.M.	10.44
9	14.32	White glazed tiles 6 mm thick skirting and dedo on 10 mm thick cement plaster 1:3 (1 cement : 3 sand) & finished with flush jointing in white cement	Sq.M.	9.52

Sr. No. in Chapter in S. O. R.	Item No. in S. O. R.	Brief Description of Item	Unit	Quantity of cement to be used per unit quantity of works. [In Kg.]
1	2	3	4	5
<b>KOTAH STONE FLOORING</b>				
12	14.43	Kotah stone slab flooring over 20 mm average base of cement mortar 1 : 6 ( 1 Cement : 6 Sand) & jointed with grey cement slurry		
	(A)	25 mm. thick	Sq.M.	12.00
	(B)	30 mm thick	Sq.M.	12.40
13	14.44	Kotah sotne slab 25 mm. in risers of steps dedo etc. laid on 10 mm. thick cement 1:3 (1 cement : 3 sand) and jointed with grey cement slurry	Sq.M.	12.52
14	14.46	Rough chiseled dressed stone flooring ever 20 mm thick base of C.M. 1:5 (1 cement : 5 sand) including pointing with c.m. 1:2 (1 cement : 2 sand)		
	(A)	25 mm. thick	Sq.M.	9.31
	(B)	40 mm thick	Sq.M.	9.31
<b>CEMENT CONCRETE FLOORING</b>				
15	14.71	Cement concrete flooring 1:2:4 (1 cement : 2 sand : 4 stone aggregator) finishing with a fleating coat of neat cement		
	(A)	40 mm. thick	Sq.M.	15.00
	(B)	50 mm thick	Sq.M.	18.20
16	14.74	Cement concrete paverent 25 mm to 50 mm thick which 1:2:4 (1 cement : 2 sand : 4 stone aggregate) including finising with a floating coat of neat cement	Cu.M.	37.50
17	14.81	20 mm thick precast concrete tiles on 20 mm. thick bed of c.m. 1:6 (1 cement : 6 sand) jointed with neat cement slurry Cu.m. 13.93	Sq.M.	13.93
18	14.86	Chequered precast cement concrete tiles of 22mm thick on 29 cm. 1:6 (1 cement : 6 sand) jointed with neat cement slurry.	Sq.M.	13.93
19	14.90	Bricks on edge flooring laid grouted with c.m. 1:6 including finishing the joints flush	Sq.M.	6.00
<b>CHAPTER-15. ROOFING</b>				
7	15.26	filling cement concrete 1:2:4 ( 1 cement : 2 sand : 4 stone aggregate) in gaps of A.C. sheet corrugation and wings of ridges Metre 1.91	Metre	1.91

Sr. No. in Chapter in S. O. R.	Item No. in S. O. R.	Brief Description of Item	Unit	Quantity of cement to be used per unit quantity of works. [In Kg.]
1	2	3	4	5
13	15.88	Providing and fixing M.S. holder bat clamps to C.I. or S.C. pipes embeded in and including cement concrete clocks 100 mm x 100 mm x 100 mm size of 1:2:4 ( 1 cement : 2 sand : 4 stoneaggregate) etc. complete	Each	1.60
<b>CHAPTER-17. FINISHING CEMENT PLASTER</b>				
17.58		10 mm. thick cement plaster in		
	(I)	Cement motar 1:3 (1cement : 3 sand)~	Sq.M.	5.82
	(II)	Cement motar 1:4 (1cement : 4 sand)~	Sq.M.	4.33
	(III)	Cement motar 1:6 (1cement : 6 sand)~	Sq.M.	2.85
17.60		15 mm. thick cement plaster in		
	(I)	Cement motar 1:3 (1cement : 3 sand)~	Sq.M.	8.42
	(II)	Cement motar 1:4 (1cement : 4 sand)~	Sq.M.	6.27
	(III)	Cement motar 1:6 (1cement : 6 sand)~	Sq.M.	4.13
17.61		20 mm. thick cement plaster in		
	(I)	Cement motar 1:3 (1cement : 3 sand)~	Sq.M.	11.42
	(II)	Cement motar 1:4 (1cement : 4 sand)~	Sq.M.	8.51
	(III)	Cement motar 1:6 (1cement : 6 sand)~	Sq.M.	5.60
17.69		Finish with a floating coat of neat cement slurry	Sq.M.	2.20
<b>SAND FACED PLASTER</b>				
17.95		20 mm thick sand faced cement plaster consisting 12 mm.bacing coat of cm.1:3 (1 cement : 3 sand) and 8 mm thick finising coat of c.m. 1:1 (1 cement : 1 sand)	Sq.M.	16.83
<b>POINTING OF BRICK WORK</b>				
7.116		Pointing on brick work with cement mortar 1:3 (1 cement : 3 sand)	Sq.M.	1.53
		Pointing on brick work with cement mortar 1:4 (1 cement : 4 sand)	Sq.M.	1.14
<b>POINTING ON STONE WORK</b>				
12	17.14	Pointing on coursed stone masonry with cement mortar 1:3 ( 1 cement : 3 sand)	Sq.M.	1.17
13	17.144	Pointing on uncoursed stone masonry with cement mortar 1:3 (1 cement : 3 sand)	Sq.M.	1.17
<b>CEMENT VATA</b>				
15	0	Cement vata 10 cm. x 10 cm. size quarter round in cement mortar 1:1 (1 cement : 1 sand including neat cement finishing)	Rmt.	2.55

Sr. No. in Chapter in S. O. R.	Item No. in S. O. R.	Brief Description of Item	Unit	Quantity of cement to be used per unit quantity of works. [In Kg.]
1	2	3	4	5
<b>CEMENT WASHING</b>				
12 & 13	18.29 & 18.30	Cement washing with portland cement Slurry on wall (one coat)	Sq.M.	0.107
<b>REPAIRS TO BUILDINGS</b>				
2	21.2	Cutting out cracks of roof terrace to V. Section and grouting with cement and slurry 1:3 (1 cement : 3 sand)	Metre	0.200
1	24.1	Providing and laying and jointing with stiff mixture of cement mortar in proportion 1:1 (1 cement : 1 sand) slat glazed stoneware pipes		
	(A)	100 mm. diameter	Metre	2.170
	(B)	150 mm. diameter	Metre	3.230
2	24.2	Providing and laying and cement concrete 1:5:10 (1 cement : 5 sand : 10 stone aggregate) bedding for S.W. pipe of following diameter.		
	(A)	100 mm. diameter (112 mm. avg. bed thickness)	Metre	6.150
	(B)	150 mm. diameter (166 mm. avg. bed thickness)	Metre	10.400
5	24.2	Providing laying jointing & pointing with stiff mixture of CM 1:1 (1 cement : 1 sand) 150 mm. internal dia. S.W. half round channel	Metre	1.600
<b>BRIDGE ITEMS</b>				
3		Providing masonry steps with cement pointing step size 0.9 m wide 0.15 m riser 0.3 M, tread	Each	0.64
12.21.26, 34.52.53		Providing and filling with ordinary Cement concrete M-100	Cu.M.	220.00
13.22.27. 31		Providing and casting in situ ordinary cement concrete M-150	Cu.M.	290.00
17		Providing filling trenches of excavation in rocky state with ordinary cement concrete M-75	Cu.M.	160.00
48		Providing uncoursed rubble stone masonry in cement mortar 1:5 including pointing in C.M. 1:3	Cu.M.	103.94
49 (A) (B), (C)		Providing coursed rubble stone masonry in C.M. 1:3	Cu.M.	153.00
50		Extra for providing khandki facing over coursed rubble stone masonry including cement pointing in C.M. 1:3	Sq.M.	1.17



Sr. No. in Chapter in S. O. R.	Item No. in S. O. R.	Brief Description of Item	Unit	Quantity of cement to be used per unit quantity of works. [In Kg.]
1	2	3	4	5
64, 66 (A) , 74 (A) 91 (A), 93 (A) 103 (A)		Providing and casting in situ controlled Cement concrete M-200 for R.C.C. works	Cu.M.	360.00
65 (A) 67, 73 (A), 90(A), 92 (A), 103 (A)		Providing and casting in situ controlled cement concrete M-150 for R.C.C. works	Cu.M.	290.00
95 (A)		Providing parapet of ordinary cement concrete M-150 etc complete	Rmt	35.88
96 (A)		Providing parapet of ordinary cement concrete M-200 etc complete	Rmt	43.20
97		Providing and fixing post and pipe railing as per detailed drawing (with R.C.C. post 15 cm. x 15 cm. x 1.0 Mt. fixed at 2.00 M.t. c/c	Rmt	4.125
<b>STATEMENT - 2</b>				
Standards for cement consumption for controlled concrete items include in the schedule of Rates.				
<b>BUILDING ITEMS</b>				
23	5.8.1	Controlled cement concrete M-150 for R.C.C. work	Cu.M.	290.00
24	5.8.2	Controlled cement concrete M-200 for R.C.C. work	Cu.M.	360.00
25	5.8.3	Controlled cement concrete M-250 for R.C.C. work	Cu.M.	380.00

Sr. No. in Chapter in S. O. R.	Item No. in S. O. R.	Brief Description of Item	Unit	Quantity of cement to be used per unit quantity of works. [In Kg.]
1	2	3	4	5
<b>BRIDGE ITEMS</b>				
14,19,36,45		Providing and casting in situ controlled cement concrete M-200	Cu.M.	360.00
35		Providing and casting in situ ordinary cement concrete M-150	Cu.M.	290.00
40		Providing and laying controlled concrete M-200 for R.C.C. bored piler of 1.20 M. dia	Cu.M.	396.00 (360 +10% extra)
44		Providing and laying controlled concrete M-250 for R.C.C. bored piler of 1.20 M. dia	Cu.M.	418.00 (380 +10% extra)
66 (B), 74 (B), 76, 91 (B) 93 (B)		Providing & casting in situ controlled cement concrete M=200 for R.C.C. work	Cu.M.	360.00
65 (B), 73 (B) 90 (B), 92(B), 102 (B)		Providing & casting in situ controlled Cement M-150 for R.C.C. Work	Cu.M.	290.00
75, 77		Providing & casting in situ controlled cement M-250 for R.C.C. work	Cu.M.	380.00
		Providing and casting in situ controlled cement concrete M-300	Cu.M.	410.00
80		Providing and casting in situ controlled cement concrete M-350 for prestressed concrete work	Cu.M.	425.00
81		Providing and casting in situ or precast cement concrete M-400 for pre-stressed concrete works.	Cu.M.	440.00
82		Providing and casting in situ or precast cement concrete M-450 for pre-stressed concrete works.	Cu.M.	450.00
94		Providing and laying pre-cast R.C.C. Foot path slab in controlled cement concrete M-200 (7.00 cum. thick including setting cement che quered tiles in 1 : 5)	Cu.M.	30.72
95(B)		Providing parapet of controlled cement concrete M-150 etc. Completed	Rmt	35.88
96(B)		Providing parapet of controlled cement concrete M-200 etc. Completed	Rmt	43.20
<b>Note :</b>	1	Cement consupntion in independet of		
	(a)	whether fine / coarse sand in used		
	(b)	Whether 20 mm / 40 mm nominal size of aggregate in used		
	(c)	Whether stone/brick aggregate in used		

Sr. No. in Chapter in S. O. R.	Item No. in S. O. R.	Brief Description of Item	Unit	Quantity of cement to be used per unit quantity of works. [In Kg.]
1	2	3	4	5
	2	The cement consumption specified in the above statement are on an average +/- 5% variation in the specified consumption may be permitted		
<b>New</b>				
1	New	27mm thick stone wash cement plaster using 1 to 2 Nos. colour or white stone chips 1 : 1:2 as required pattern and color plastering coat of C.M. 1 : 3...	Sq.mt.	13.42
2	22.20 (similar)	Providing and fixing 1.20 Meter high fencing with 2.0 Meter long M.S. angle posts 40mm x 40mm x 6 mm.	Rmt	6.50
3	2	Construction of B.B. masonry paniyara 23cm. x 75 wall and 15 cm x 15 cm curbing.	Rmt	86.46
4	3	Constructing a sink(chowkedi) with C.C. 1 : 2 : 4 , 12cm/ thick over B.B. masonry in C.M. 1 : 6	Rmt	432.18
5	4	Constructing a cooking platform 60cm. width and 70cm high resting on B.B. Masonary wall 23 cm. thick in C.M. (1:6) with		
		1) Fixing or precast R.C.C. 1 : 2 : 4 ) 8 cm.	Rmt	61.80
		ii) Fixing black kadappa stone 30mm	Rmt	15.36
6	24.19	Prov. & Fixing S.W. Gully Trap 1) Square Mouth Traps		
		A) 100 x 100mm size P type	Nos.	22.95
		B) 150 x 100 Size P or R Type	Nos.	22.95
7	24.27	Constructing Manhole with RCC top slab in 1 : 2 : 4 Mix		
		A) With 230mm thick walls of brick masonry using brick having crushing strength not less than 35kg/Sq.cm. in Cement Mortar 1 : 5		
		1) A type depth 0.90 Metre for 150mm diameter sewer.	Nos.	406.36
		2) B type depth 1.50 Metre for 150mm diameter sewer.	Nos.	676.62
		3) C type depth 2.25 Metre for 150mm diameter sewer.	Nos.	767.60
		4) D type depth 3.15 Metre for 150mm diameter sewer.	Nos.	992.51
8	24.28	(I) Extra rate for constructing B.B. masornary. (I) for depth from 0.9M to1.5M	Nos.	164.25
		(ii) Extra rate for constructing B.B. masonry (I) for depth from 1.50M to 2.25M	Nos.	92.25
		(III) Extra rate for constructing B.B. masonry (III)for depth from 2.25m to 3.15m.	Nos.	102.18
		(IV) Extra rate for constructing B.B. masonry (IV) for depth above 3.15m	Nos.	150.55

Sr. No. in Chapter in S. O. R.	Item No. in S. O. R.	Brief Description of Item	Unit	Quantity of cement to be used per unit quantity of works. [In Kg.]
1	2	3	4	5
9	24.39	Providing and erecting at the site of work steel ventilating column of 150mm internal diameter and 12.20 Meter High from G.L.	Nos.	456.20
10	24.4	Constructing Brick masonry road gully chamber 500mm x 450mm x 600mm	Nos.	73.34
11	24.41	Constructing Brick masonry road gully chamber 450mm x 450mm x 775mm	Nos.	74.06
12	24.42	Constructing Brick masonry road gully chamber 1100mm x 775mm	Nos.	135.16
13	24.44	Constructing brick masonry chamber for underground C.I. Inspection chamber.		
		(i) Inside dimensions 455mm x 610mm and 450mm deep for single pipe line.	Nos.	71.12
		(ii) inside dimensions 500mm x 700mm for pipe line with one or two inlets.	Nos.	84.17
		(iii) inside dimensions 600mm x and 850mm deep for pipe lines with three or more inlets.	Nos.	106.10
14	24.46	Extra over items 24.44 for every additional depth of 0.1M of part thereof beyond 450mm depth for brick masonry chamber.		
		i) for 455mm x 610mm size	Nos.	61.83
		ii) for 500mm x 700mm size	Nos.	67.82
		iii) for 600mm x 850mm size	Nos.	83.19
15	26.107	Supplying and fixing reinforced concrete in C.M. 1 : 2 NP2 Pipes		
		i) 300mm dia	Rmt	1.70
		ii) 450mm dia	Rmt	2.72
		iii) 600mm dia	Rmt	3.06
		iv) 750mm dia	Rmt	3.74
		v) 900mm dia	Rmt	4.76
		vi) 1050mm dia	Rmt	6.12
		vii) 1200mm dia	Rmt	6.80
16	26.107	Supplying and fixing reinforced concrete in C.M. 1 : 2 NP3 Pipes		
		i) 300mm dia	Rmt	1.02
		ii) 450mm dia	Rmt	2.04
		iii) 600mm dia	Rmt	2.38
		iv) 750mm dia	Rmt	3.06
		v) 900mm dia	Rmt	3.74
		vi) 1050mm dia	Rmt	4.08
		vii) 1200mm dia	Rmt	5.10
17	49	Providing and fixing 5th KM stone in C.C. 1 : 4 : 8 (NH, SHR/ODR)	Nos	27.54
18	50	Providing and fixing 5th KM stone in C.C. 1 : 4 : 8 (NH, SHR/ODR)	Nos	44.88
19	51	Providing and fixing Ordinary KM stone fixing in C.C. 1 : 4 : 8 (ODR.V.R.)	Nos	8.50
20	52	Providing and fixing Ordinary KM stone fixing in C.C. 1 : 4 : 8 (ODR.V.R.)	Nos	18.70

<b>Sr. No. in Chapter in S. O. R.</b>	<b>Item No. in S. O. R.</b>	<b>Brief Description of Item</b>	<b>Unit</b>	<b>Quantity of cement to be used per unit quantity of works. [In Kg.]</b>
<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>
21	53(II)	Providing and fixing Indicator Stone fixing in C.C. 1 : 4 : 8	Nos	11.70
22	54(I)(II)	Supplying and fixing Road sign Board fixing in C.C. 1: 2 : 4	Nos	35.24
23	55	Providing and fixing Village Name Board Fixing in C.C.1: 2 : 4	Nos	35.24
24	56,57	Providing and Fixing Junction Board Fixing in C.C. 1:2:4	Nos	70.48
25		Fixing in C.C. 1 : 5 : 10 Guard Stone, Indicator Stone Hectometer Stone.	Nos	11.70

# CERTIFICATE

This is to Certify that, the Basic Rates (Without G.S.T.) for the Schedule of Rates of Year : 2023-24 for Roads, Buildings, Bridges and Conveyance of Ahmedabad District are approved vide Government of Gujarat, letter No. SOR / 2023-24 / 349 / C-1 Dt. 04/10/2023.

The Rate of Items are approved vide Superintending Engineer, R & B Circle, Ahmedabad vide letter No. DB / SOR / 3232 / of 2023 Dt.06/10/2023.

It is informed that, while preparing an estimate, prevailing Rate of G.S.T. is to be added separately in the estimated cost calculated from this S.O.R. 2023-24 to derive final cost of estimate.



**(K. M. Brahmbhatt)**  
**Executive Engineer**  
**R & B Division**  
**Ahmedabad**

**Counter Signed**



**(B. T. Salvi)**  
**Superintending Engineer (I/c)**  
**R & B Circle**  
**Ahmedabad**