



**GOVERNMENT OF GUJARAT  
ROAD AND BUILDING DEPARTMENT**

**SCHEDULE OF RATES  
FOR  
BUILDING WORKS**

**AHMEDABAD CITY  
(WITHOUT GST)**

**YEAR:-2023-24**

**EXECUTIVE ENGINEER  
AHMEDABAD CITY (R & B) DIVISION  
AHMEDABAD**

**OFFICE OF THE SUPERINTENDING ENGINEER  
AHMEDABAD CITY (R & B) CIRCLE  
AHMEDABAD**

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

**Carriage of material over distance exceeding 0.5 Km. Including loading,unloading and stacking (for asphalt,cement & steel )**

SR.NO	LEAD IN Km.	AVG.SPEED	NO.OF TRIP	km DONE	Litre OF DIESEL CONSUMED Av.5 km/lit	COST OF DIESEL Rs 92.17 PER LITRE.	Litre OF OIL CONSUMED 1 lit per 140 km	COST OF MOBILE OIL AT Rs.270.00 PER LITRE	COST OF SIX MAZDOOR (MALE) EACH Rs.474.00 PER/DAY	HIRE CHARGE OF TRUCK Rs 5500.00 PER/DAY	TOTAL COST OF (7+ 9+ 10+ 11)	COST PER TRIP FOR 2023-24	INCREASED IN COST OVER PREVIOUS km		COST PER TRIP 2021-22	% OF INCREASE
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 Above	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	

**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.SPEED	NO.OF TRIPS N=8/(2 L/S+0.33)	km DONE =2NL+6	LITRE OF DIESEL CONSUMED Av.5 km/lit	COST OF DIESEL	Litre OF OIL	COST OF OIL	COST OF SIX MAZDOOR (MALE) EACH	HIRE CHARGE OF TRUCK	TOTAL COST OF (7+ 9+ 10+ 11)	COST PER TRIP for 2023-24	INCREASED IN COST OVER PREVIOUS km	increase in cost / lead in Rs.	COST PER TRIP 2021-22	% change of cost per trip w.r.t. 2015-16
						Rs.92.17P LITRE. (Col.6 X 92.17)	CONSUMED 1 lit per 140 km	AT Rs.270 PER LITRE (Col 8 X 270.00)	Rs.474.00 PER/DAY	Rs.5500 PER/DAY						
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		366.60	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	28.82
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 Above	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

**Statement 5 Quarry Materials, Cement, Steel , Bitumin & All Other Materials with Carrying Capacity of 25.0 Mt. Truck) Year 2023-24**

Code	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							
					0.5	1	1.5	2	2.5	3	3.5	4	4.5	5	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	ABOVE 400Km.
					030201A1	(A) lime murrum building rubbish earth manure or sludge & excavated rock and rubbish [Lime murrum building rubbish]	14	14	Cumt.	242.95	256.16	268.12	278.18	287.46	296.43	303.84	312.45	319.67	326.73	7.41	6.56	5.96
030201A2	(A) lime murrum building rubbish earth manure or sludge & excavated rock and rubbish [Earth]	14	11.2	Cumt.	303.69	320.2	335.15	347.73	359.33	370.53	379.8	390.56	399.58	408.41	9.26	8.2	7.45	7.36	8.36	7.31	7	6.88
030201A3	(A) lime murrum building rubbish earth manure or sludge & excavated rock and rubbish [Manure or sludge]	14	12.6	Cumt.	269.94	284.62	297.91	309.09	319.4	329.36	337.6	347.16	355.18	363.03	8.23	7.29	6.62	6.54	7.43	6.5	6.22	6.11
030201A4	(A) lime murrum building rubbish earth manure or sludge & excavated rock and rubbish [Excavated]	14	7	Cumt.	485.9	512.32	536.24	556.36	574.93	592.85	607.68	624.89	639.33	653.46	14.82	13.12	11.92	11.77	13.38	11.69	11.19	11
030201B1	Sand stone aggregate & soling stone brick/ cinder aggregate.[Sand stone aggregate below 40mm nominal size brick /cinder aggregate]	14	14	Cumt.	242.95	256.16	268.12	278.18	287.46	296.43	303.84	312.45	319.67	326.73	7.41	6.56	5.96	5.89	6.69	5.85	5.6	5.5
030201B2	Sand stone aggregate & soling stone brick/ cinder aggregate.[stone aggregate 40mm nominal size]	14	12.6	Cumt.	269.94	284.62	297.91	309.09	319.4	329.36	337.6	347.16	355.18	363.03	8.23	7.29	6.62	6.54	7.43	6.5	6.22	6.11
030201B3	Sand stone aggregate & soling stone brick/ cinder aggregate [soling stone]	14	9.8	Cumt.	347.07	365.95	383.03	397.4	410.66	423.46	434.06	446.35	456.67	466.76	10.59	9.37	8.52	8.41	9.56	8.35	8	7.86
030201B4	Sand stone aggregate & soling stone brick/ cinder aggregate.[concrete blicks [Foam]]	14	14	Cumt.	242.95	256.16	268.12	278.18	287.46	296.43	303.84	312.45	319.67	326.73	7.41	6.56	5.96	5.89	6.69	5.85	5.6	5.5

Code	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							
					0.5	1	1.5	2	2.5	3	3.5	4	4.5	5	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.	ABOVE 400Km.
030202A	Modular bricks	7000	7000	1000 NOS	485.9	512.32	536.24	556.36	574.93	592.85	607.68	624.89	639.33	653.46	14.82	13.12	11.92	11.77	13.38	11.69	11.19	11
030202B	Traditional bricks	7000	7000	1000 NOS	485.9	512.32	536.24	556.36	574.93	592.85	607.68	624.89	639.33	653.46	14.82	13.12	11.92	11.77	13.38	11.69	11.19	11
030203A	Bricks tiles	7500	7500	1000 NOS	453.5	478.17	500.49	519.27	536.6	553.33	567.17	583.23	596.71	609.89	13.83	12.25	11.13	10.99	12.49	10.91	10.45	10.27
030203B	Roofing tiles[Flat]	7500	7500	1000 NOS	453.5	478.17	500.49	519.27	536.6	553.33	567.17	583.23	596.71	609.89	13.83	12.25	11.13	10.99	12.49	10.91	10.45	10.27
30206	Cement	20	20	M.T	163.19	167.39	171.73	175.44	179.29	183.26	186.48	190.63	194.01	197.46	5.19	4.59	4.17	4.12	4.68	4.09	3.92	3.85
30207	steel	20	20	M.T	173.19	177.39	181.73	185.44	189.29	193.26	196.48	200.63	204.01	207.46	5.19	4.59	4.17	4.12	4.68	4.09	3.92	3.85
30208	Timber	14	14	Cumt.	242.95	256.16	268.12	278.18	287.46	296.43	303.84	312.45	319.67	326.73	7.41	6.56	5.96	5.89	6.69	5.85	5.6	5.5
30209	Tar bitumen roofing felt and flooring asphalt etc.	20	20	M.T	163.19	167.39	171.73	175.44	179.29	183.26	186.48	190.63	194.01	197.46	5.19	4.59	4.17	4.12	4.68	4.09	3.92	3.85
30210	Stem coal	14	14	M.T	242.95	256.16	268.12	278.18	287.46	296.43	303.84	312.45	319.67	326.73	7.41	6.56	5.96	5.89	6.69	5.85	5.6	5.5
030212A	S W pipes [100.00MM Dia pipes of 60 cm length]	2000	1200	100 Meter.	283.44	298.86	312.81	324.54	335.37	345.83	354.48	364.52	372.94	381.18	8.65	7.66	6.96	6.87	7.8	6.82	6.53	6.42
030212B	S W pipes [150.00 M M Dia pipes of 60 cm length]	1000	600	100 Meter.	566.88	597.71	625.61	649.09	670.75	691.66	708.96	729.04	745.89	762.37	17.29	15.31	13.91	13.74	15.61	13.64	13.06	12.83
030213A	RCC pipes and C I pipes [100.00MM Dia pipes of 3.66 Meter length]	1000	600	100 Meter.	566.88	597.71	625.61	649.09	670.75	691.66	708.96	729.04	745.89	762.37	17.29	15.31	13.91	13.74	15.61	13.64	13.06	12.83
030213B	RCC pipes and C I pipes [125.00 M M Dia pipes of 3.66 Meter length]	800	500	100 Meter.	680.26	717.25	750.74	778.9	804.9	829.99	850.75	874.85	895.06	914.84	20.75	18.37	16.69	16.48	18.73	16.37	15.67	15.4
030213C	RCC pipes and C I pipes [150MM Dia pipes of 5.50 Meter length]	600	400	100 Meter.	850.32	896.57	938.42	973.63	1006.12	1037.49	1063.44	1093.56	1118.83	1143.55	25.94	22.97	20.87	20.61	23.41	20.47	19.59	19.25
030213D	RCC pipes and C I pipes [200 MM Dia pipes of 5.50 Meter length]	400	250	100 Meter.	1360.5	1434.51	1501.48	1557.81	1609.8	1659.98	1701.5	1749.7	1790.13	1829.68	41.5	36.74	33.39	32.97	37.46	32.74	31.34	30.8
030213E	RCC pipes and C I pipes [250 MM Dia pipes of 5.50 Meter length]	200	150	100 Meter.	2267.5	2390.85	2502.46	2596.35	2682.99	2766.63	2835.83	2916.17	2983.55	3049.47	69.16	61.24	55.65	54.95	62.43	54.57	52.24	51.33
030213F	RCC pipes and C I pipes [300 MM Dia pipes of 5.50 Meter length]	150	125	100 Meter.	2721	2869.02	3002.95	3115.62	3219.59	3319.96	3403	3499.41	3580.26	3659.36	82.99	73.49	66.78	65.94	74.91	65.49	62.69	61.6

Code	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							
					0.5	1	1.5	2	2.5	3	3.5	4	4.5	5	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	ABOVE 400Km.
030213G	RCC pipes and C I pipes [350 MM Dia pipes of 5.50 Meter length]	100	80	100 Meter.	4251.6	4482.84	4692.11	4868.15	5030.61	5187.44	5317.19	5467.82	5594.15	5717.75	129.68	114.83	104.34	103.03	117.05	102.33	97.95	96.25
030213H	RCC pipes and C I pipes [450 & 500 M M Dia pipes of 5.50 Meter length]	75	55	100 Meter.	6184.2	6520.49	6824.89	7080.95	7317.25	7545.36	7734.09	7953.2	8136.95	8316.73	188.62	167.02	151.76	149.85	170.25	148.84	142.47	140
030213I	RCC pipes and C I pipes [600.700 & 750 mm Dia pipes of 5.50 Meter length]	50	30	100 Meter.	11338	11954.2	12512.3	12981.7	13415	13833.2	14179.2	14580.9	14917.7	15247.3	345.8	306.2	278.23	274.73	312.13	272.87	261.2	256.67
030213J	RCC pipes and C I pipes [800.900.1000,1100 & 1200 mm Dia pipes of 5.5 Meter length]	25	20	100 Meter.	17006	17931.4	18768.5	19472.6	20122.5	20749.8	21268.8	21871.3	22376.6	22871	518.7	459.3	417.35	412.1	468.2	409.3	391.8	385
030214A	Asbestos cement pipes [50 mm Dia pipes of 3.66 Meter length]	180	1000	100 Meter.	340.13	358.63	375.37	389.45	402.45	415	425.38	437.43	447.53	457.42	10.37	9.19	8.35	8.24	9.36	8.19	7.84	7.7
030214B	Asbestos cement pipes [80 mm. Dia pipes of 3.66 Meter length]	110	600	100 Meter.	566.88	597.71	625.61	649.09	670.75	691.66	708.96	729.04	745.89	762.37	17.29	15.31	13.91	13.74	15.61	13.64	13.06	12.83
030214C	Asbestos cement pipes [100 mm Dia pipes of 3.66 Meter length]	80	400	100 Meter.	850.32	896.57	938.42	973.63	1006.12	1037.49	1063.44	1093.56	1118.83	1143.55	25.94	22.97	20.87	20.61	23.41	20.47	19.59	19.25
030214D	Asbestos cement pipes [150 mm Dia pipes of 3.66 Meter length]	50	250	100 Meter.	1360.5	1434.51	1501.48	1557.81	1609.8	1659.98	1701.5	1749.7	1790.13	1829.68	41.5	36.74	33.39	32.97	37.46	32.74	31.34	30.8

Sr. No	Code	Description	Unit	Rate in Rs. for 2023-24
<b>CHAPTER- 1 BASIC RATES</b>				
<b>(A) BASIC RATES OF MATERIALS</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	67.80
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	216.10
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

Sr. No	Code	Description	Unit	Rate in Rs. for 2023-24
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	66.10
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
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	6983.90
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	7.20
66	M084	Battens Indian teakwood size 19mm x 25mm	Rmt	11.02
67	M085	Battens 50 mm x 25 mm	Rmt	20.34

Sr. No	Code	Description	Unit	Rate in Rs. for 2023-24
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	64.00
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.	201.96
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
98	M116	C.I. Cover with frame for manholes	Quintal	5626.27
99	M117	C.I. Cover without frame 300mm x 300mm	Each	466.10
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	633.90
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

Sr. No	Code	Description	Unit	Rate in Rs. for 2023-24
112	M130	C.P. Brash Screws & Washers 25 mm size	Each	14.41
113	M131	C.P. Brass 1/2 turn flush cock 20 mm dia	Each	216.10
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	233.90
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	4466.10
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	5234.00
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.	283.90
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.	182.20
135	M153	Chromium Plated brass Bib tap. 15mm dia.	Each	158.47
136	M154	Chromium Plated brass Bib tap. 20mm dia.	Each	182.20
137	M155	Chromium plated 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.	279.30
141	M159	Coil type spring	Each	166.10
142	M160	Coir string	kg	37.14
143	M161	Cold Twisted Bars	Quintal	4663.00
144	M162	Commercial Plywood Sheet 12 mm	sq.m.	305.93
145	M163	Commercial Plywood Sheet 19 mm	sq.m.	382.20
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	4712.40
149	M167	Common Burnt clay Bricks Modular size 20x10x10 cm	1000 Each	4936.80
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
154	M172	Corrugated A.C. Sheet 6 mm thick	sq.m.	0.00
155	M173	Corrugated A.C. Sheet 7 mm thick	sq.m.	0.00

Sr. No	Code	Description	Unit	Rate in Rs. for 2023-24
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.	555.75
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.	0.00
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	88.00
171	M189	Distemper Primer	Litre	57.63
172	M190	Door closers (Heavy type of 765 number) Hardwire or Everite Prabhat or Equivalent.	Each	466.10
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 Dieltrin	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.	232.20
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	567.80
191	M209	Fine sand	cu.m.	255.08

Sr. No	Code	Description	Unit	Rate in Rs. for 2023-24
192	M210	Flat back wash basin Colour glazed 450 x 300 size	Each	466.10
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	6375.00
201	M219	Fuel Steam Coal	Quintal	161.90
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	4432.20
205	M223	G.I Sheet 0.8 mm thick Semi-Circular class-3	Quintal	4432.20
206	M224	G.I. Barbed Wire	Quintal	5762.71
207	M225	G.I. Pipe 30 cm long 50 mm dia	Each	86.44
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	100.00
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

Sr. No	Code	Description	Unit	Rate in Rs. for 2023-24
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	17.80
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	33.90
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 in Rs. for 2023-24
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	50.00
268	M286	Handle for steel window (Right & Left) Wrinkle finish	Each	17.80
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.	136.80
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	33.90
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	110.00
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	50.00
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

Sr. No	Code	Description	Unit	Rate in Rs. for 2023-24
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	83.90
310	M328	Integral W.P. compound (Liquid of standard quality) tested as per I.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
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	66.10
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	80.00
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

Sr. No	Code	Description	Unit	Rate in Rs. for 2023-24
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	340.00
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
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	75.00
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

Sr. No	Code	Description	Unit	Rate in Rs. for 2023-24
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	4451.00
395	M413	Munj for white washing	kg	28.57
396	M414	Murrum/ binding Material	cu.m.	96.00
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 in Rs. for 2023-24
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.	132.20
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	17.80
410	M428	Off-set 75 mm - 100 mm dia	Each	22.03
411	M429	Off-set 75 mm - 80 mm dia	Each	17.80
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

Sr. No	Code	Description	Unit	Rate in Rs. for 2023-24
442	M460	Petrol	Litre	88.00
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.	0.00
446	M464	Plain asbestos sheet 5mm thick	sq.m.	0.00
447	M465	Plain asbestos sheet 6mm thick	sq.m.	0.00
448	M466	Plain asbestos sheet 7mm thick	sq.m.	0.00
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	166.10
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.	182.20
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

Sr. No	Code	Description	Unit	Rate in Rs. for 2023-24
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	33.90
487	M505	Quarry Spall.	cu.m.	119.70
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

Sr. No	Code	Description	Unit	Rate in Rs. for 2023-24
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	7500.00
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.	210.90
523	M541	Rubble (Heavy) at not Less than 40 kg.	cu.m.	234.00
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	9.00
527	M545	Sand paper 100Nos size	Doz.	33.90
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.	239.40
531	M549	Screened gravel 12mm size	cu.m.	239.40
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

Sr. No	Code	Description	Unit	Rate in Rs. for 2023-24
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	Structural 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	5088.00
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
566	M584	Terrazzo tiles white cement base Light shade 20mm thick	sq.m.	190.68
567	M585	Thick Wire Brushes	Each	61.90
568	M586	Through & Bond Stone	Each	21.90
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.	179.55
572	M590	Unslaked Lime	Quintal	161.90
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.	65.00
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	0.00

Sr. No	Code	Description	Unit	Rate in Rs. for 2023-24
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 Omaseal of Bitumen base in semin-liquid form (cold applied)	Litre	67.80
587	M605	Water proofing materials of std. make in powder form	kg	5.34
588	M606	Water proofing materials Omaseal for filling joints of C.I. Pipes .	kg	262.71
589	M607	Water proofing materials Omaseal for filling joints of C.I. Pipes. Epoxy base	kg	432.20
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	317.80
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	30.00
598	M616	White Cement	MT	27343.75
599	M617	White Lime ( White washing)	Quintal	400.00
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

Sr. No	Code	Description	Unit	Rate in Rs. for 2023-24
620	M638	Surfacing gray coat process (Board)	sq.m.	16.95
621	M639	Retro reflective process (Board) (Eng. Grade)	sq.m.	25.42
622	M640	Screen Printing / Art work process (Board) (Eng.)	sq.m.	33.90
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	1916.10
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	166.10
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	32.20
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

Sr. No	Code	Description	Unit	Rate in Rs. for 2023-24
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	5942.00
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	166.10
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
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	10932.20
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.	216.10
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

Sr. No	Code	Description	Unit	Rate in Rs. for 2023-24
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	366.10
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	466.10
706	M724	Labour Charges half round edge for Granite	Rmt	85.00
707	M725	Labour Charges Quarter round edge for granite	Rmt	51.00
708	M726	Labour Charges edge finished for Granite	Rmt	43.00
709	M727	Labour Charges half round edge for Kota/Marble	Rmt	51.00
710	M728	Labour charges quarter round edge for Kota/ Marble	Rmt	34.00
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.	17.80
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.	1916.10
723	M741	Alluminium fixtures and fstenings.	No.	149.15
724	M742	Iron fixtures and fstenings.	No.	66.10
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.	166.10
733	M751	Whiting chalk	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

Sr. No	Code	Description	Unit	Rate in Rs. for 2023-24
738	M756	Heptachlor	Liter	229.66
739	M757	Melethione	Liter	229.66
740	M758	Acetone	Liter	229.66
741	M759	Pags	Each	2.00
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	216.10
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	233.90
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	216.10
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	283.90
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

Sr. No	Code	Description	Unit	Rate in Rs. for 2023-24
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	66.10
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	67.80
790	M808	PVC SWR Nani Trap IS 14735 for Drain -100 mm dia with jali	No	74.58
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

Sr. No	Code	Description	Unit	Rate in Rs. for 2023-24
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	1283.90
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
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	8250.00
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

Sr. No	Code	Description	Unit	Rate in Rs. for 2023-24
843	M861	Belt clamp 100mm	Each	15.25
844	M862	Off-set 75 mm - 80 mm dia	Each	17.80
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	2333.90
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	4067.80
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

Sr. No	Code	Description	Unit	Rate in Rs. for 2023-24
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
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

Sr. No	Code	Description	Unit	Rate in Rs. for 2023-24
891	M910	Paver block M250 Grade 60mm Thick	sqm	377.12
892	M911	Glazed tiles piece wastage.	sqm	63.56
893	M912	Polycarbonate multi wall Roofing sheet	sqm	915.25
894	M913	Hardware material hilti screw and rubber silicon sealer and aluminium 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.	17.80
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 diameter backup rod	m	5.72
907	M926	1. 20 mm diameter backup rod	m	9.53
908	M927	1. 30 mm diameter backup rod	m	11.44
909	M928	1. 50 mm diameter backup rod	m	38.14
910	M929	1. 60 mm diameter 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
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	333.90
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	50.00
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

Sr. No	Code	Description	Unit	Rate in Rs. for 2023-24
926	M945	3. Clamps	No.	94.07
927	M946	4. Solution	No.	15.25
928	M947	1. 160 dia UPVC pipe	Rmt	600.00
929	M948	2. Plug		0.00
930	M949	5. Jani Hails	ml	92.00
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	983.90
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

Sr. No	Code	Description	Unit	Rate in Rs. for 2023-24
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
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

Sr. No	Code	Description	Unit	Rate in Rs. for 2023-24
978	M1006	Raw / plug	No.	5.08
979	M1007	Nut bolts	No.	1.69
980	M1008	Connecting clips	No.	3.60
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.	966.10
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.	1260.00
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
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.	1000.00
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

Sr. No	Code	Description	Unit	Rate in Rs. for 2023-24
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	5832.20
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 Prismatic Sheeting	Smt	4305.08
1025	M1053	Cat Eye / Road Stud	No.	178.98
1026	M1054	Epoxy Adhesive for fixing Cat Eye	No	780.00
1027	M1055	Median Marker	No.	169.22
1028	M1059	HYSD bar	Quintal	5877.00
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 in Rs. for 2023-24
<b>(B) BASIC RATES OF LABOUR</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 in Rs. for 2023-24
<b>(C) BASIC RATES OF CARRIAGE</b>				
1071	C001	Cariage of GSW pipe lead 100mm (upto 10 ton)	Rmt	1.64
1072	C001A	Cariage of GSW pipe lead 100mm (more than 10 ton)	Rmt	1.64
1073	C002	Cariage of GSW pipe lead 125mm (upto 10 ton)	Rmt	2.45
1074	C002A	Cariage of GSW pipe lead 125mm (more than 10 ton)	Rmt	2.45
1075	C003	Cariage of GSW pipe lead 150mm (upto 10 ton)	Rmt	3.27
1076	C003A	Cariage of GSW pipe lead 150mm (more than 10 ton)	Rmt	3.27
1077	C004	Cariage of GSW pipe lead 200mm (upto 10 ton)	Rmt	3.27
1078	C004A	Cariage of GSW pipe lead 200mm (more than 10 ton)	Rmt	3.27
1079	C005	Cariage of RCC pipe lead 250mm (upto 10 ton)	Rmt	13.12
1080	C005A	Cariage of RCC pipe lead 250mm (more than 10 ton)	Rmt	13.12
1081	C006	Cariage of RCC pipe lead 300mm (upto 10 ton)	Rmt	15.75
1082	C006A	Cariage of RCC pipe lead 300mm (more than 10 ton)	Rmt	15.75
1083	C007	Cariage of RCC pipe lead 350 to 400 mm (upto 10 ton)	Rmt	24.6
1084	C007A	Cariage of RCC pipe lead 350 to 400 mm (more than 10 ton)	Rmt	24.6
1085	C008	Cariage of RCC pipe lead 450 to 500 mm (upto 10 ton)	Rmt	35.79
1086	C008A	Cariage of RCC pipe lead 450 to 500 mm (more than 10 ton)	Rmt	35.79
1087	C009	Cariage of RCC pipe lead 600 700 & 750 mm (upto 10 ton)	Rmt	65.61
1088	C009A	Cariage of RCC pipe lead 600 700 & 750 mm (more than 10 ton)	Rmt	65.61
1089	C010	Cariage of RCC pipe lead 900 to 1200mm (upto 10 ton)	Rmt	98.41
1090	C010A	Cariage 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

Sr. No	Code	Description	Unit	Rate in Rs. for 2023-24
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
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

<b>Sr. No</b>	<b>Code</b>	<b>Description</b>	<b>Unit</b>	<b>Rate in Rs. for 2023-24</b>
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 in Rs. for 2023-24
<b>(D) BASIC RATES OF 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 in Rs. for 2023-24
<b>(E) BASIC RATES OF EXTRA RATES</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	Item No.as per NBO	Description	Unit	Rate in Rs. for 2023-24
<b>CHAPTER- 2 MORTARS</b>				
02001A	2.5.1	Lime Mortar 1:1 (1-lime putty/ Equivalent dry Hydrated Lime : 1-Fine sand)	cu.m	1798.42
02002A	2.5.2	Lime Mortar 1:2 (1-lime putty/ Equivalent dry Hydrated Lime : 2-Fine sand)	cu.m	1620.98
02003A	2.5.3	Lime Mortar 1:3 (1-lime putty/Equivalent dry Hydrated Lime : 3 - Fine sand)	cu.m	1532.49
02004A	0	Lime Mortar 1:1.5 (1-lime putty/ Equivalent dry Hydrated Lime : 1.5 Fine sand)	cu.m	1727.35
02005A	2.5.11	Cement Mortar 1:1 (1-Cement: 1- fine sand)	cu.m	6126.50
02006A	2.5.12	Cement Mortar 1:2(1-Cement: 2-fine sand)	cu.m	4392.36
02007A	2.5.13	Cement Mortar 1:3(1-Cement: 3- fine sand )	cu.m	3525.67
02008A	2.5.14	Cement Mortar 1:4(1-Cement: 4- fine sand )	cu.m	2835.33
02009A	2.5.15	Cement Mortar 1:5(1-Cement: 5- fine sand )	cu.m	2463.61
02010A	2.5.16	Cement Mortar 1:6(1-Cement: 6- fine sand )	cu.m	2144.99
02011A	2.5.18	Cement Mortar 1:3 (1-Cement: 3 - coarse sand)	cu.m	3551.61
02012A	2.5.19	Cement Mortar 1:4 (1-Cement: 4 - coarse sand)	cu.m	2861.27
02013A	2.5.20	Cement Mortar 1:5 (1-Cement: 5 - coarse sand)	cu.m	2489.55
02014A	2.5.21	Cement Mortar 1:6 (1-Cement: 6 - coarse sand)	cu.m	2170.93
02015A	0	Cement Mortar 1:8 (1-Cement: 8 - fine sand)	cu.m	1852.32
02016A	0	Lime Mortar 1:1.5 (1- Lime putty / Equivalent dry hydrated Lime:1.5 coarse sand)	cu.m	1748.93

Item Code	Item No.as per NBO	Description	Unit	Rate in Rs. for 2023-24
<b>CHAPTER- 4 EARTH WORK (EXECUTED WITH MECHANISED EFFORTS/ MACHINARIES)</b>				
04001A	0	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	115.92
04001B	0	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	148.19
04001C	0	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	253.58
04001D	0	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	260.48
04001E	0	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	591.68
04002A	0	Excavation for foundation for depth from 1.5 m to 3.0 m 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	128.52
04002B	0	Excavation for foundation for depth from 1.5 m to 3.0 m 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	160.77
04002C	0	Excavation for foundation for depth from 1.5 m to 3.0 m including sorting out and stacking of useful materials and disposing off the excavated stuff upto 50 Meter lead.(C) Hard Murrum	cu.m	270.83

Item Code	Item No.as per NBO	Description	Unit	Rate in Rs. for 2023-24
04002D	0	Excavation for foundation for depth from 1.5 m to 3.0 m 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	284.63
04002E	0	Excavation for foundation for depth from 1.5 m to 3.0 m including sorting out and stacking of useful materials and disposing off the excavated stuff upto 50 Meter lead.(E) Hard Rock	cu.m	614.10
04003A	0	Excavation for foundation for depth from 3.0 m to 5.0 m 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	141.11
04003B	0	Excavation for foundation for depth from 3.0 m to 5.0 m 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	172.50
04003C	0	Excavation for foundation for depth from 3.0 m to 5.0 m including sorting out and stacking of useful materials and disposing of the excavated stuff upto 50 Meter lead.(C) Hard Murrum	cu.m	282.90
04003D	0	Excavation for foundation for depth from 3.0 m to 5.0 m 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	307.05
04003E	0	Excavation for foundation for depth from 3.0 m to 5.0 m including sorting out and stacking of useful materials and disposing off the excavated stuff upto 50 Meter lead.(E) Hard Rock	cu.m	636.53
04004A	0	Extra for additional depth more than 5.0 m for excavation for foundation including sorting out and stacking of useful materials and disposing of the excavated stuff upto 50 m lead.(A) Loose or soft soil	cu.m	20.91
04004B	0	Extra for additional depth more than 5.0 m for excavation for foundation including sorting out and stacking of useful materials and disposing off the excavated stuff upto 50 m lead.(B) Dense or Hard soil	cu.m	20.91

Item Code	Item No.as per NBO	Description	Unit	Rate in Rs. for 2023-24
04004C	0	Extra for additional depth more than 5.0 m for excavation for foundation including sorting out and stacking of useful materials and disposing of the excavated stuff upto 50 m lead.(C) Hard Murrum	cu.m	28.75
04004D	0	Extra for additional depth more than 5.0 m for excavation for foundation including sorting out and stacking of useful materials and disposing off the excavated stuff upto 50 m lead.(D) Soft rock not require Blasting	cu.m	37.11
04004E	0	Extra for additional depth more than 5.0 m for excavation for foundation including sorting out and stacking of useful materials and disposing of the excavated stuff upto 50 m lead.(E) Hard Rock	cu.m	37.11
04005A	0	Add extra for Disposing off the excavated stuff of above items for lead of (A) 50 m to 100 m	cu.m	17.28
04005B	0	Add extra for Disposing off the excavated stuff of above items for lead of (B) 100 m to 200 m	cu.m	34.56
04005C	0	Add extra for Disposing off the excavated stuff of above items for lead of (C) 200 m to 300 m	cu.m	51.84
04005D	0	Add extra for Disposing off the excavated stuff of above items for lead of (D) 300 m to 400 m	cu.m	76.80
04005E	0	Add extra for Disposing off the excavated stuff of above items for lead of (E) 400 to 500 m	cu.m	128.00
4006	4.12	Filling available excavated earth (excluding rock) in trenches. plinth, sides of foundations etc. in layers not exceeding 20 cm. in depth consolidating each disposed layer by ramming and watering.	cu.m	129.10
04007A	4.24	Filling in plinth with sand under floors including watering ramming, consolidating and dressing complete	cu.m	455.63
04008A	0	Filling in foundation and plinth with murrum or selected soil in layers of 20cm. thickness including watering, ramming and consolidating etc. complete.	cu.m	286.20
04009A	0	Filling in foundation and plinth with brick Bats Chhara in layers of 20cm. thickness including watering, remming and consolidating etc. complete.	cu.m	594.61

Item Code	Item No.as per NBO	Description	Unit	Rate in Rs. for 2023-24
04010A	4.27	Boring holes 3.5 m deep in ordinary soil (for cast in situ piles) and getting out the soil and disposal of the surplus excavated soil as directed within a lead of 50 Meter for following diameter of pipes.(i)200 mm	Each	1078.13
04010B	4.27	Boring holes 3.5 m deep in ordinary soil (for cast in situ piles) and getting out the soil and disposal of the surplus excavated soil as directed within a lead of 50 Meter for following diameter of pipes.(ii) 250 mm	Each	1290.97
04010C	4.27	Boring holes 3.5 m deep in ordinary soil (for cast in situ piles) and getting out the soil and disposal of the surplus excavated soil as directed within a lead of 50 Meter for following diameter of pipes.(iii) 300 mm	Each	1509.00
04011A	4.28	Extra for under reaming inside the bore Holes for under reamed piles of following Diameter.(i) 200 mm	Each	430.32
04011B	4.28	Extra for under reaming inside the bore Holes for under reamed piles of following Diameter.(ii) 250 mm	Each	516.39
04011C	4.28	Extra for under reaming inside the bore Holes for under reamed piles of following Diameter.(iii) 300 mm	Each	642.30
04012A	4.29	Add to or deduct from the rate for Bore Holes of 3.5 m Depth, if bore holes are made deeper or shallower than 3.5M. for Piles of following diameter.(i) 200 mm	Each	361.47
04012B	4.29	Add to or deduct from the rate for Bore Holes of 3.5 m Depth, if bore holes are made deeper or shallower than 3.5M. for Piles of following diameter.(ii) 250 mm	Each	481.96
04012C	4.29	Add to or deduct from the rate for Bore Holes of 3.5 m Depth, if bore holes are made deeper or shallower than 3.5M. for Piles of following diameter.(iii) 300 mm	Each	539.34

Item Code	Item No.as per NBO	Description	Unit	Rate in Rs. for 2023-24
<b>CHAPTER- 4 EARTH WORK (EXECUTED WITH MANUAL LABOUR)</b>				
04B001A	0	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	201.81
04B001B	0	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	259.14
04B001C	0	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	443.11
04B001D	0	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	502.50
04B001E	0	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	951.82
04B002A	0	Excavation for foundation for depth from 1.5 m to 3.0 m 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	222.72
04B002B	0	Excavation for foundation for depth from 1.5 m to 3.0 m 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	280.05
04B002C	0	Excavation for foundation for depth from 1.5 m to 3.0 m including sorting out and stacking of useful materials and disposing off the excavated stuff upto 50 Meter lead.(C) Hard Murrum	cu.m	474.47
04B002D	0	Excavation for foundation for depth from 1.5 m to 3.0 m 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	523.80

Item Code	Item No.as per NBO	Description	Unit	Rate in Rs. for 2023-24
04B002E	0	Excavation for foundation for depth from 1.5 m to 3.0 m including sorting out and stacking of useful materials and disposing off the excavated stuff upto 50 Meter lead.(E) Hard Rock	cu.m	988.96
04B003A	0	Excavation for foundation for depth from 3.0 m to 5.0 m 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	243.62
04B003B	0	Excavation for foundation for depth from 3.0 m to 5.0 m 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	300.96
04B003C	0	Excavation for foundation for depth from 3.0 m to 5.0 m including sorting out and stacking of useful materials and disposing of the excavated stuff upto 50 Meter lead.(C) Hard Murrum	cu.m	495.38
04B003D	0	Excavation for foundation for depth from 3.0 m to 5.0 m 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	565.20
04B003E	0	Excavation for foundation for depth from 3.0 m to 5.0 m including sorting out and stacking of useful materials and disposing off the excavated stuff upto 50 Meter lead.(E) Hard Rock	cu.m	1026.11

Item Code	Item No.as per NBO	Description	Unit	Rate in Rs. for 2023-24
<b>CHAPTER- 5 CONCRETE WORK</b>				
05001A	5.1.6	Providing and laying in foundation and plinth / under floors lime concrete with hand broken stone aggregates 40mm nominal size and 40% mortar comprising of 1-Lime putty : 2-Fine sand and curing complete excluding cost of formwork.	cu.m	2818.84
05002A	5.1.8	Providing and laying in foundation and plinth / under floors lime concrete with graded brick aggregates 40 mm nominal size and 40% mortar comprising of 1-Limeputty : 2-Fine sand and curing completeexcluding cost of formwork.	cu.m	2732.40
05003A	5.3.2	Providing and laying cement concrete 1:3:6 (1-Cement : 3- coarse sand : 6- hand broken stone aggregates 40 mmnominal size) and curing complete excluding cost of formwork in (A) Foundation and Plinth	cu.m	2976.00
05004A	5.3.3	Providing and laying cement concrete 1:4:8 (1-Cement : 4- coarse sand : 8- hand broken stone aggregates 40 mm nominal size) and curing complete excluding cost of formwork in (A) Foundation and Plinth	cu.m	2653.67
05005A	5.3.14	Providing and laying cement concrete 1:3:6 (1-Cement : 3- Coarse sand : 6- crushed stone aggregates 20 mm nominal size) and curing complete including cost of formwork in (A) Wall Caps / Coping	cu.m	4006.15
05006A	5.3.4	Providing and laying cement concrete 1:5:10 (1-Cement : 5- Coarse sand : 10- hand broken stone aggregates 40 mm nominal size) and curing complete excluding cost of formwork in (A) Foundation and Plinth	cu.m	2492.51
05007A	5.3.2	Providing and laying cement concrete 1:3:6 (1-Cement : 3- Coarse sand : 6- Graded brick bat aggregate 40mm normal size) and curing complete excluding cost of formwork in (A) Foundation and Plinth	cu.m	2956.44
05008A	5.3.3	Providing and laying cement concrete 1:4:8 (1-Cement : 4- Coarse sand : 8- Graded Brick bats aggregate 40mm normal size) and curing complete excluding cost of formwork in (A) Foundation and Plinth	cu.m	2634.11

Item Code	Item No.as per NBO	Description	Unit	Rate in Rs. for 2023-24
05009A	5.3.8	Providing and laying cement concrete 1:5:10 (1-Cement : 5- fine sand : 10- graded brick bat aggregates 40mm nominal size) and curing complete excluding cost of formwork in (A) Foundation and Plinth	cu.m	2457.01
05010AA	5.3.13	Providing and laying cement concrete 1:2:4 (1-Cement : 2- Coarse sand : 4- graded stone aggregates 20 mm nominal size) and curing complete excluding cost of formwork in (A) Foundation and Plinth	cu.m	3661.30
05010BA	5.3.13	Providing and laying cement concrete 1:2:4 (1-Cement : 2- Coarse sand : 4- graded stone aggregates 20 mm nominal size) and curing complete excluding cost of formwork in (B)Independent piers, columns, and pillars, upto floor two level	cu.m	3661.30
05011AA	5.4.1	Providing and laying cement concrete work 1:2:4 (1-Cement : 2- Coarse sand : 4- graded stone aggregates 20 mm nominal size) and curing complete excluding cost of formwork and reinforcement for reinforced concrete work in (A) Foundations, footings, Base or columns and Mass concrete	cu.m	3923.53
05011BA	5.4.1	Providing and laying cement concrete work 1:2:4 (1-Cement : 2- Coarse sand : 4- graded stone aggregates 20 mm nominal size) and curing complete excluding cost of formwork and reinforcement for reinforced concrete work in (B) Slabs, landing, shelves, Balconis , Lintels, Beams, Girders and Cantilever upto floor two level.	cu.m	4012.47
05011DA	5.4.1	Providing and laying cement concrete work 1:2:4 (1-Cement : 2- Coarse sand : 4- graded stone aggregates 20 mm nominal size) and curing complete excluding cost of formwork and reinforcement for reinforced concrete work in (D) Columns, Pillars posts and struts upto floor two level.	cu.m	4012.47
05011EA	5.4.1	Providing and laying cement concrete work 1:2:4 (1-Cement : 2- Coarse sand : 4- graded stone aggregates 20 mm nominal size) and curing complete excluding cost of formwork and reinforcement for reinforced concrete work in (E)Staircases excluding landing upto floor two level	cu.m	4765.47

Item Code	Item No.as per NBO	Description	Unit	Rate in Rs. for 2023-24
05011KA	5.4.1	Providing and laying cement concrete work 1:2:4 (1-Cement : 2- Coarse sand : 4- graded stone aggregates 20 mm nominal size) and curing complete excluding cost of formwork and reinforcement for reinforced concrete work in (K)Vertical and Horizontal its upto floor two level.	cu.m	4241.15
05012A	5.4.4	Providing and laying cement concrete 1:2:4 (1-Cement : 2- Coarse sand : 4- graded stone aggregates 20 mm nominal size) for reinforced concrete Chhajjas not exceeding 10cm. thickness upto floor two level including finishing the exposed surfaces with cement mortar 1:3 (1-cement, 3 Fine sand) to give a smooth and even surface centering and formwork and curing complete excluding cost of reinforcement.	cu.m	6487.07
05013A	5.4.10	Providing Mild Steel reinforcement for R.C.C. work including bending binding, and placing in position complete upto floor two level.	kg	59.98
05014AA	5.4.11	Providing H.Y.S.D. Bar reinforcement for R.C.C. work including bending, binding and placing in position complete upto floor two level	kg	62.18
05014BA	5.4.11	Providing TMT Bar FE 415 reinforcement for R.C.C. work including bending, binding and placing in position complete upto floor two level	kg	66.59
05014C	5.4.11	Providing TMT Bar FE 500D reinforcement for R.C.C. work including bending, binding and placing in position complete upto floor two level	kg	75.46
05015A	5.4.13	Extra for additional lift of concrete for all R.C.C. work above floor two level excluding cost of reinforcement	cu.m	39.85
05016A	5.4.13A	Extra for additional lift of reinforcing steel for all R.C.C. work above floor two level.	kg	0.99
5017	5.4.16	Deduct for omiting in R.C.C. work smooth finishing of the exposed surface with cement mortar 1:3 (1-Cement : 3- Fine sand)	Sqm	140.25
5018	5.4.18	Providing throating or plaster drip and moulding to R.C.C. Chhajja.	Rmt	41.25

Item Code	Item No.as per NBO	Description	Unit	Rate in Rs. for 2023-24
05019A	5.6.2	Providing upto floor two level precast cement concrete jali or grill 1:2:4 mix (1- Cement : 2- coarse sand : 4-graded stone aggregate 6mm nominal size) reinforced with 1.6 mm dia. Mild steel wire including roughening,cleaning, fixing and finishing in cement mortar 1:3 and curing complete. (A) 50mm thick	Sqm	701.25
05019B	5.6.2	Providing upto floor two level precast cement concrete jali or grill 1:2:4 mix (1- Cement : 2- coarse sand : 4-graded stone aggregate 6mm nominal size) reinforced with 1.6 mm dia. Mild steel wire including roughening,cleaning, fixing and finishing in cement mortar 1:3 and curing complete. (B) 40mm thick	Sqm	640.20
05019C	5.6.2	Providing upto floor two level precast cement concrete jali or grill 1:2:4 mix (1- Cement : 2- coarse sand : 4-graded stone aggregate 6mm nominal size) reinforced with 1.6 mm dia. Mild steel wire including roughening,cleaning, fixing and finishing in cement mortar 1:3 and curing complete. (C) 25mm thick	Sqm	608.85
05019D	5.6.2	Providing upto floor two level precast cement concrete jali or grill 1:2:4 mix (1- Cement : 2- coarse sand : 4-graded stone aggregate 6mm nominal size) reinforced with 1.6 mm dia. Mild steel wire including roughening,cleaning, fixing and finishing in cement mortar 1:3 and curing complete. (D) 75mm thick	Sqm	759.00
05019E	5.6.2	Providing upto floor two level precast cement concrete jali or grill 1:2:4 mix (1- Cement : 2- coarse sand : 4-graded stone aggregate 6mm nominal size) reinforced with 1.6 mm dia. Mild steel wire including roughening,cleaning, fixing and finishing in cement mortar 1:3 and curing complete.(E) 100mm thick	Sqm	798.60
5020	5.6.9	Extra for additional lift for providing and fixing in position precast R.C.C. units above floor two level	Sqm	9.93
05021A	5.7.1	Providing and laying damp proof course 25mm thick cement concrete 1:2:4 (1-Cement : 2 coarse sand : 4 stone aggregate 10 mm nominal size) and curing complete	Sqm	308.55
5022	5.7.5	Extra for providing and mixing water proofing material in Cement concrete in mix proportion recommended by the manufacturers.	per Quintal	48.67

Item Code	Item No.as per NBO	Description	Unit	Rate in Rs. for 2023-24
05023AA	5.8.1	Providing and laying controlled cement concrete M.150 for curing complete excluding cost of formwork and reinforcement for reinforced concrete work in (A) Foundations, footings, Base of columns and Mass concrete	cu.m	3871.39
05023BA	5.8.1	Providing and laying controlled cement concrete M.150 for curing complete excluding cost of formwork and reinforcement for reinforced concrete work in (B) Walls, from top of foundation level upto floor two level	cu.m	4153.23
05023CA	5.8.1	Providing and laying controlled cement concrete M.150 for curing complete excluding cost of formwork and reinforcement for reinforced concrete work in (C) Slabs, landing, shelves, Balconies, Lintels, Beams, Girders and Cantilever upto floor two level	cu.m	4129.42
05023DA	5.8.1	Providing and laying controlled cement concrete M.150 for curing complete excluding cost of formwork and reinforcement for reinforced concrete work in (D) Columns, Pillars posts and struts upto floor two level.	cu.m	4227.26
05023EA	5.8.1	Providing and laying controlled cement concrete M.150 for curing complete excluding cost of formwork and reinforcement for reinforced concrete work in (E) Staircases excluding landing upto floor two level	cu.m	5133.99
05023KA	5.8.1	Providing and laying controlled cement concrete M.150 for curing complete excluding cost of formwork and reinforcement for reinforced concrete work in (K) Vertical and Horizontal its upto floor two level.	cu.m	4509.41
05024AA	5.8.2	Providing and laying controlled cement concrete M.200 and curing complete excluding the cost of formwork and reinforcement for reinforced concrete work in (A) Foundations, footings, Base of columns and Mass concrete	cu.m	3977.88
05024BA	5.8.2	Providing and laying controlled cement concrete M.200 and curing complete excluding the cost of formwork and reinforcement for reinforced concrete work in (B) Walls, from top of foundation level upto floor two level	cu.m	4484.17

Item Code	Item No.as per NBO	Description	Unit	Rate in Rs. for 2023-24
05024CA	5.8.2	Providing and laying controlled cement concrete M.200 and curing complete excluding the cost of formwork and reinforcement for reinforced concrete work in (C) Slabs,landing,shelves,Balconies Lintels, Beams, Girders and Cantilever upto floor two level.	cu.m	4460.36
05024DA	5.8.2	Providing and laying controlled cement concrete M.200 and curing complete excluding the cost of formwork and reinforcement for reinforced concrete work in (D) Columns, Pillars posts and struts upto floor two level.	cu.m	4558.20
05024EA	5.8.2	Providing and laying controlled cement concrete M.200 and curing complete excluding the cost of formwork and reinforcement for reinforced concrete work in (E) Staircases excluding landing upto floor two level	cu.m	5418.91
05024KA	5.8.2	Providing and laying controlled cement concrete M.200 and curing complete excluding the cost of formwork and reinforcement for reinforced concrete work in (K) Vertical and Horizontal its upto floor two level.	cu.m	4701.97
05025AA	5.8.3	Providing and laying controlled cement concrete M.250 and curing complete excluding the cost of formwork and reinforcement for reinforced concrete work in (A) Foundations, footings, Base of columns and Mass concrete.	cu.m	4238.04
05025BA	5.8.3	Providing and laying controlled cement concrete M.250 and curing complete excluding the cost of formwork and reinforcement for reinforced concrete work in (B) Walls, from top of foundation level upto floor two level	cu.m	4519.88
05025CA	5.8.3	Providing and laying controlled cement concrete M.250 and curing complete excluding the cost of formwork and reinforcement for reinforced concrete work in (C) Slabs,landing,shelves,Balconies, Lintels, Beams, Girders and Cantilever upto floor two level.	cu.m	4496.07

Item Code	Item No.as per NBO	Description	Unit	Rate in Rs. for 2023-24
05025DA	5.8.3	Providing and laying controlled cement concrete M.250 and curing complete excluding the cost of formwork and reinforcement for reinforced concrete work in (D) Columns, Pillars posts and struts, upto floor two level.	cu.m	4593.91
05026A	0	Providing and Laying ordinary cement concrete 1:2:4 (1- Cement 2- coarse sand : 4- graded stone aggregates 20 mm nominal size) and finishing smooth with curing etc. complete including the cost of formwork but excluding the cost of reinforcement for R.C.C work in (i) Slabs upto 8cm thickness	cu.m	8272.32
05026B	0	Providing and Laying ordinary cement concrete 1:2:4 (1- Cement 2- coarse sand : 4- graded stone aggregates 20 mm nominal size) and finishing smooth with curing etc. complete including the cost of formwork but excluding the cost of reinforcement for R.C.C work in (ii) Slabs having more than 8 cm and upto 10 cm.thickness	cu.m	7401.59
05026C	0	Providing and Laying ordinary cement concrete 1:2:4 (1- Cement 2- coarse sand : 4- graded stone aggregates 20 mm nominal size) and finishing smooth with curing etc. complete including the cost of formwork but excluding the cost of reinforcement for R.C.C work in (iii) Slabs having more than 10 cm and upto 13 cm. thickness	cu.m	6819.95
05026D	0	Providing and Laying ordinary cement concrete 1:2:4 (1- Cement 2- coarse sand : 4- graded stone aggregates 20 mm nominal size) and finishing smooth with curing etc. complete including the cost of formwork but excluding the cost of reinforcement for R.C.C work in (iv) Slabs having more than 13 cm and upto 15 cm.thickness	cu.m	6241.78
05027A	0	Providing and Laying controlled cement concrete M.150 and finishing smooth with curing etc. complete including the cost of formwork but excluding the cost of reinforcement for R.C.C work in (i) Slabs upto 8cm thickness	cu.m	8379.89

Item Code	Item No.as per NBO	Description	Unit	Rate in Rs. for 2023-24
05027B	0	Providing and Laying controlled cement concrete M.150 and finishing smooth with curing etc. complete including the cost of formwork but excluding the cost of reinforcement for R.C.C work in (ii) Slabs having more than 8 cm and upto 10 cm.thickness	cu.m	7509.16
05027C	0	Providing and Laying controlled cement concrete M.150 and finishing smooth with curing etc. complete including the cost of formwork but excluding the cost of reinforcement for R.C.C work in (iii) Slabs having more than 10 cm and upto 13 cm. thickness	cu.m	6704.61
05027D	0	Providing and Laying controlled cement concrete M.150 and finishing smooth with curing etc. complete including the cost of formwork but excluding the cost of reinforcement for R.C.C work in (iv) Slabs having more than 13 cm and upto 15 cm.thickness	cu.m	6349.35
05028A	0	Providing and laying ordinary cement concrete 1:2:4 (1- Cement 2- coarse sand : 4- graded stone aggregates 20 mm nominal size) exposed work with curing etc. complete including the cost of formwork but excluding the cost of reinforcement for R.C.C work in (i) Slabs upto 8cm thickness	cu.m	9447.57
05028B	0	Providing and laying ordinary cement concrete 1:2:4 (1- Cement 2- coarse sand : 4- graded stone aggregates 20 mm nominal size) exposed work with curing etc. complete including the cost of formwork but excluding the cost of reinforcement for R.C.C work in (ii) Slabs having more than 8 cm and upto 10 cm.thickness	cu.m	8341.79
05028C	0	Providing and laying ordinary cement concrete 1:2:4 (1- Cement 2- coarse sand : 4- graded stone aggregates 20 mm nominal size) exposed work with curing etc. complete including the cost of formwork but excluding the cost of reinforcement for R.C.C work in (iii) Slabs having more than 10 cm and upto 13 cm. thickness	cu.m	7380.23

Item Code	Item No.as per NBO	Description	Unit	Rate in Rs. for 2023-24
05028D	0	Providing and laying ordinary cement concrete 1:2:4 (1- Cement 2- coarse sand : 4- graded stone aggregates 20 mm nominal size) exposed work with curing etc. complete including the cost of formwork but excluding the cost of reinforcement for R.C.C work in (iv) Slabs having more than 13 cm and upto 15 cm.thickness	cu.m	6868.90
05029A	0	Providing and laying controlled cement concrete M.150 and exposed work with curing etc. complete including the cost of formwork but excluding the cost of reinforcement for R.C.C work in (i) Slabs upto 8cm thickness	cu.m	9555.14
05029B	0	Providing and laying controlled cement concrete M.150 and exposed work with curing etc. complete including the cost of formwork but excluding the cost of reinforcement for R.C.Cwork in (ii) Slabs having more than 8 cm and upto 10 cm.thickness	cu.m	8449.36
05029C	0	Providing and laying controlled cement concrete M.150 and exposed work with curing etc. complete including the cost of formwork but excluding the cost of reinforcement for R.C.Cwork in (iii) Slabs having more than 10 cm and upto 13 cm. thickness	cu.m	7427.62
05029D	0	Providing and laying controlled cement concrete M.150 and exposed work with curing etc. complete including the cost of formwork but excluding the cost of reinforcement for R.C.Cwork in (iv) Slabs having more than 13 cm and upto 15 cm.thickness	cu.m	6976.47
5030	0	Providing and laying ordinary cement concrete 1:2:4 (1- Cement 2- coarse sand : 4- graded stone aggregates 20 mm nominal size) for R.C.C lintel including finishing smooth with,curing etc. complete including the cost of formwork but excluding the cost of reinforcement.	cu.m	8634.45
05031A1	0	Providing and laying ordinary cement concrete 1:2:4 (1- Cement 2- coarse sand : 4- graded stone aggregates 20 mm nominal size) and finishing smooth with,curing etc. complete including the cost of formwork but excluding the cost of reinforcement for R.C.C work in (A) BEAMS :(i) Having cross-sectional area 0.05 to 0.08 Sq.M	cu.m	8508.71

Item Code	Item No.as per NBO	Description	Unit	Rate in Rs. for 2023-24
05031A2	0	Providing and laying ordinary cement concrete 1:2:4 (1- Cement 2- coarse sand : 4- graded stone aggregates 20 mm nominal size) and finishing smooth with,curing etc. complete including the cost of formwork but excluding the cost of reinforcement for R.C.C work in (A) BEAMS :(ii) Having cross-sectional area more than 0.08Sq.M and upto 0.12 Sq.M	cu.m	7589.70
05031A3	0	Providing and laying ordinary cement concrete 1:2:4 (1- Cement 2- coarse sand : 4- graded stone aggregates 20 mm nominal size) and finishing smooth with,curing etc. complete including the cost of formwork but excluding the cost of reinforcement for R.C.C work in (A) BEAMS :(iii) Having cross-sectional area more than 0.12Sq.M and upto 0.18 Sq.M	cu.m	6512.94
05031B1	0	Providing and laying ordinary cement concrete 1:2:4 (1- Cement 2- coarse sand : 4- graded stone aggregates 20 mm nominal size) and finishing smooth with,curing etc. complete including the cost of formwork but excluding the cost of reinforcement for R.C.C work in (B) COLUMNS: (i) Having cross-sectional area 0.05 to 0.08 Sq.M	cu.m	11665.50
05031B2	0	Providing and laying ordinary cement concrete 1:2:4 (1- Cement 2- coarse sand : 4- graded stone aggregates 20 mm nominal size) and finishing smooth with,curing etc. complete including the cost of formwork but excluding the cost of reinforcement for R.C.C work in (B) COLUMNS: (ii) Having cross-sectional area more than 0.08 Sq.M and upto 0.18 Sq.M	cu.m	10494.00
05031B3	0	Providing and laying ordinary cement concrete 1:2:4 (1- Cement 2- coarse sand : 4- graded stone aggregates 20 mm nominal size) and finishing smooth with,curing etc. complete including the cost of formwork but excluding the cost of reinforcement for R.C.C work in (B) COLUMNS: (iii) Having cross-sectional area more than 0.12Sq.M and upto 0.18 Sq.M	cu.m	8606.80
05032A1	0	Providing and laying ordinary cement concrete M.150exposed work with curing etc. complete including the cost of formwork but excluding the cost of reinforcement for R.C.C. work in (A) BEAMS :(i) Having cross-sectional area 0.05 to 0.08 Sq.M	cu.m	10339.66

Item Code	Item No.as per NBO	Description	Unit	Rate in Rs. for 2023-24
05032A2	0	Providing and laying controlled cement concrete M.150exposed work with curing etc. complete including the cost of formwork but excluding the cost of reinforcement for R.C.C. work in (A) BEAMS :(ii) Having cross-sectional area more than 0.08Sq.M and upto 0.12 Sq.M	cu.m	9075.60
05032A3	0	Providing and laying controlled cement concrete M.150exposed work with curing etc. complete including the cost of formwork but excluding the cost of reinforcement for R.C.C. work in (A) BEAMS :(iii) Having cross-sectional area more than 0.12Sq.M and upto 0.18 Sq.M	cu.m	7594.55
05032B1	0	Providing and laying controlled cement concrete M.150exposed work with curing etc. complete including the cost of formwork but excluding the cost of reinforcement for R.C.C. work in (B) COLUMNS:(i) Having cross-sectional area 0.05 to 0.08 Sq.M	cu.m	13615.80
05032B2	0	Providing and laying controlled cement concrete M.150exposed work with curing etc. complete including the cost of formwork but excluding the cost of reinforcement for R.C.C. work in(B) COLUMNS:(ii) Having cross-sectional area more than 0.08 Sq.M and upto 0.18 Sq.M	cu.m	12109.35
05032B3	0	Providing and laying controlled cement concrete M.150exposed work with curing etc. complete including the cost of formwork but excluding the cost of reinforcement for R.C.C. work in(B) COLUMNS:(iii) Having cross-sectional area more than 0.12Sq.M and upto 0.18 Sq.M	cu.m	9786.24
05033A1	0	Providing and laying controlled cement concrete M.200 exposed work with curing etc. complete including the cost of formwork but excluding the cost of reinforcement for R.C.C. work in(A) BEAMS :(i) Having cross-sectional area 0.05 to 0.08 Sq.M	cu.m	10656.09
05033A2	0	Providing and laying controlled cement concrete M.200 exposed work with curing etc. complete including the cost of formwork but excluding the cost of reinforcement for R.C.C. work in (A) BEAMS :(ii) Having cross-sectional area more than 0.08Sq.M and upto 0.12 Sq.M	cu.m	9392.03

Item Code	Item No.as per NBO	Description	Unit	Rate in Rs. for 2023-24
05033A3	0	Providing and laying controlled cement concrete M.200 exposed work with curing etc. complete including the cost of formwork but excluding the cost of reinforcement for R.C.C. work in (A) BEAMS :(iii) Having cross-sectional area more than 0.12Sq.M and upto 0.18 Sq.M	cu.m	7910.98
05033B1	0	Providing and laying controlled cement concrete M.200 exposed work with curing etc. complete including the cost of formwork but excluding the cost of reinforcement for R.C.C. work in (B) COLUMNS:(i) Having cross-sectional area 0.05 to 0.08 Sq.M	cu.m	14214.75
05033B2	0	Providing and laying controlled cement concrete M.200 exposed work with curing etc. complete including the cost of formwork but excluding the cost of reinforcement for R.C.C. work in (B) COLUMNS:(ii) Having cross-sectional area more than 0.08 Sq.M and upto 0.18 Sq.M	cu.m	12452.80
05033B3	0	Providing and laying controlled cement concrete M.200 exposed work with curing etc. complete including the cost of formwork but excluding the cost of reinforcement for R.C.C. work in (B) COLUMNS:(iii) Having cross-sectional area more than 0.12Sq.M and upto 0.18 Sq.M	cu.m	10102.67
05034A1	0	Providing and laying controlled cement concrete M.250 exposed work with curing etc. complete including the cost of formwork but excluding the cost of reinforcement for R.C.C. work in (A) BEAMS :(i) Having cross-sectional area 0.05 to 0.08 Sq.M	cu.m	10717.09
05034A2	0	Providing and laying controlled cement concrete M.250 exposed work with curing etc. complete including the cost of formwork but excluding the cost of reinforcement for R.C.C. work in (A) BEAMS :(ii) Having cross-sectional area more than 0.08Sq.M and upto 0.12 Sq.M	cu.m	9453.03
05034A3	0	Providing and laying controlled cement concrete M.250 exposed work with curing etc. complete including the cost of formwork but excluding the cost of reinforcement for R.C.C. work in (A) BEAMS :(iii) Having cross-sectional area more than 0.12Sq.M and upto 0.18 Sq.M	cu.m	7971.98

Item Code	Item No.as per NBO	Description	Unit	Rate in Rs. for 2023-24
05034B1	0	Providing and laying controlled cement concrete M.250 exposed work with curing etc. complete including the cost of formwork but excluding the cost of reinforcement for R.C.C. work in (B) COLUMNS:(i) Having cross-sectional area 0.05 to 0.08 Sq.M	cu.m	14478.75
05034B2	0	Providing and laying controlled cement concrete M.250 exposed work with curing etc. complete including the cost of formwork but excluding the cost of reinforcement for R.C.C. work in (B) COLUMNS:(ii) Having cross-sectional area more than 0.08 Sq.M and upto 0.18 Sq.M	cu.m	12513.80
05034B3	0	Providing and laying controlled cement concrete M.250 exposed work with curing etc. complete including the cost of formwork but excluding the cost of reinforcement for R.C.C. work in (B) COLUMNS: (iii) Having cross-sectional area more than 0.12Sq.M and upto 0.18 Sq.M	cu.m	10163.67
5035	0	Providing and applying anticorrosive treatment with polymer base materials to the steel reinforcement including descaling the dust and applying the preventive coating of approved make (for the R.C.C. structures near coastal area only) etc complete.	MT	4012.80
5047		Providing and fixing in expansion joint 100 mm thick expansion joint board of best quality and approved make including cutting to required size and shape at all levels etc. complete as directed.	Sqm	2952.53
5048		Providing and laying and fixing 50 mm thick expansion joint by hydro cell semi rigid UV resistance with high performance laminated closed cell polythene foam joint filler in sheet foam as directed, etc. complete.	Sqm	1476.27
5049		Providing and laying and fixing 25 mm thick expansion joint by hydro cell semi rigid UV resistance with high performance laminated closed cell polythene foam joint filler in sheet foam as directed, etc. complete.	Sqm	738.13

Item Code	Item No.as per NBO	Description	Unit	Rate in Rs. for 2023-24
5050		Applying and providing Expansion joint sealing System on 100 mm wide joint including cleaning of expansion joint by mechanical means provision of adhesive and flexible membrane with required bond length as per manufacturer specification and 4mm thick aluminium strip covering with one side slotted and bolted with suitable system, inclusive of all manpower, machinery and material as per specification and as directed.	Sqm	4724.75
5051		Providing and filling the expansion joint by polymer confirm to BS 4254-1983 as per required shade and specification by making groove of 50 mm x 12.5 mm lather by cutting or by repairing groove and removing mortar drop or any other foreign materials including applying primer and filling required size (oversize of joint PU foam etc. complete.	Sqm	510.29
5052		Providing and filling the expansion joint by polymer confirm to BS 4254-1983 as per required shade and manufactured specification by making groove of 25 mm x 12.5 mm lather by cutting or by repairing groove and removing mortar drop or any other foreign materials including applying primer and filling required size (oversize of joint PU foam etc. complete	Sqm	270.97
5053		Providing and fixing 25 cm Wide & 3mm thick exterior composite panel on existing expansion joint horizontally & vertically with all material, hardware, accessories & fittings etc completed.	Sqm	1043.90

Item Code	Item No.as per NBO	Description	Unit	Rate in Rs. for 2023-24
5054		Providing and laying in position Ready Mixed M-150 grade concrete for reinforced cement concrete work , using cement content as per approved Design Mix manufactured in fully automatic batching plant and transported to site of work in transit mixer for a lead up to 10 kms having continuous agitated mixer, manufactured as per mix design of specified grade for reinforced cement concrete work including pumping of R.M.C. from transit mixer to site of laying, excluding the cost of centering shuttering finishing and reinforcement including cost of admixtures in recommended proportions as per IS: 9103 to accelerate/ retard setting of concrete, improve workability without impairing strength and durability as per direction of the Engineer - in - charge. Without Fly Ash (Min cement level as per latest IS 456 shall be maintained)	cu.m	3790.21
5055		Providing and laying in position Ready Mixed M-200 grade concrete for reinforced cement concrete work , using cement content as per approved Design Mix manufactured in fully automatic batching plant and transported to site of work in transit mixer for a lead up to 10 kms having continuous agitated mixer, manufactured as per mix design of specified grade for reinforced cement concrete work including pumping of R.M.C. from transit mixer to site of laying, excluding the cost of centering shuttering finishing and reinforcement including cost of admixtures in recommended proportions as per IS: 9103 to accelerate/ retard setting of concrete, improve workability without impairing strength and durability as per direction of the Engineer - in - charge. Without Fly Ash (Min cement level as per latest IS 456 shall be maintained)	cu.m	4793.10

Item Code	Item No.as per NBO	Description	Unit	Rate in Rs. for 2023-24
5056		Providing and laying in position Ready Mixed M-250 grade concrete for reinforced cement concrete work , using cement content as per approved Design Mix manufactured in fully automatic batching plant and transported to site of work in transit mixer for a lead up to 10 kms having continuous agitated mixer, manufactured as per mix design of specified grade for reinforced cement concrete work including pumping of R.M.C. from transit mixer to site of laying, excluding the cost of centering shuttering finishing and reinforcement including cost of admixtures in recommended proportions as per IS: 9103 to accelerate/ retard setting of concrete, improve workability without impairing strength and durability as per direction of the Engineer - in - charge. Without Fly Ash (Min cement level as per latest IS 456 shall be maintained) (Cement level 450 kg )	cu.m	4853.56
5057		Providing and laying in position Ready Mixed M-300 grade concrete for reinforced cement concrete work , using cement content as per approved Design Mix manufactured in fully automatic batching plant and transported to site of work in transit mixer for a lead up to 10 kms having continuous agitated mixer, manufactured as per mix design of specified grade for reinforced cement concrete work including pumping of R.M.C. from transit mixer to site of laying, excluding the cost of centering shuttering finishing and reinforcement including cost of admixtures in recommended proportions as per IS: 9103 to accelerate/ retard setting of concrete, improve workability without impairing strength and durability as per direction of the Engineer - in - charge. Without Fly Ash (Min cement level as per latest IS 456 shall be maintained) (Cement level 475 kg )	cu.m	5043.66

Item Code	Item No.as per NBO	Description	Unit	Rate in Rs. for 2023-24
5058		Providing and laying in position Ready Mixed M-350 grade concrete for reinforced cement concrete work , using cement content as per approved Design Mix manufactured in fully automatic batching plant and transported to site of work in transit mixer for a lead up to 10 kms having continuous agitated mixer, manufactured as per mix design of specified grade for reinforced cement concrete work including pumping of R.M.C. from transit mixer to site of laying, excluding the cost of centering shuttering finishing and reinforcement including cost of admixtures in recommended proportions as per IS: 9103 to accelerate/ retard setting of concrete, improve workability without impairing strength and durability as per direction of the Engineer - in - charge. Without Fly Ash(Min cement level as per latest IS 456 shall be maintained) (Cement level 500 kg )	cu.m	5140.94
5059		Providing and applying anti carbonation, anti fading, mold resistant, heat insulating, and 100% acrylic breathable decorative external waterproof coating of approved shade having Viscosity @ Room Temperature by Ford cup No. B-4 (dilute 2 parts of product with 1 part of water) 18 to 30 sec. pH of 7.00 to 10.00 and Sp. Gravity @ Room Temperature 1.30+0.1, tested for carbon dioxide diffusion resistance properties for coating materials and coating systems for exterior masonry and concrete as per DIN EN 1062-6 (2002-2010) by a NBA Grade "A" accredited institution.	Sqm	114.77
5060		Providing and fixing premoulded compressible filler board in black colour confirming to MoRT&H Specifications (Clause 1015), having minimum density 95kg/cum, non-staining with less than 1% water absorption & compression recovery of 93% minimum as per specification for 12 mm wide expansion joint including cutting to required size and shape at all levels etc.complete as directed.	Sqm	579.80

Item Code	Item No.as per NBO	Description	Unit	Rate in Rs. for 2023-24
5061		Providing and fixing premoulded compressible filler board in black colour confirming to MoRT&H Specifications (Clause 1015), having minimum density 95kg/cum. non-staining with less than 1% water absorption & compression recovery of 93% minimum as per specification for 20 mm wide expansion joint including cutting to required size and shape at all levels etc.complete as directed.	Sqm	788.78
5062		Providing and fixing premoulded compressible filler board in black colour confirming to MoRT&H Specifications (Clause 1015), having minimum density 95kg/cum. non-staining with less than 1% water absorption & compression recovery of 93% minimum as per specification for 40 mm wide expansion joint including cutting to required size and shape at all levels etc.complete as directed.	Sqm	1311.26
5063		Providing and applying the elastomeric joint sealant two component, high performance polysulfide formulation conforming to BS:4254 and ASTM C 920 having weathering resistance to ultra-violet rays and shall exhibit shore A hardness of 25 and have movement accommodation factor 25% including using of compatible primer of approved standard etc. complete. for 12 mm thick joint	Rmt	174.90
5064		Providing and applying the elastomeric joint sealant two component, high performance polysulfide formulation conforming to BS:4254 and ASTM C 920 having weathering resistance to ultra-violet rays and shall exhibit shore A hardness of 25 and have movement accommodation factor 25% including using of compatible primer of approved standard etc. complete. For 20 mm thick joint	Rmt	253.07

Item Code	Item No.as per NBO	Description	Unit	Rate in Rs. for 2023-24
<b>CHAPTER- 6 BRICK WORK</b>				
06001AA	6.12	Brick work using common burnt clay building bricks having crushing strength not less than 35 kg./Sq.Cm. in foundation and plinth in Cement Mortar 1:5. (1- Cement : 5 -fine sand)(A) Modular	cu.m	4345.02
06001BA	6.12	Brick work using common burnt clay building bricks having crushing strength not less than 35 kg./Sq.Cm. in foundation and plinth in Cement Mortar 1:5. (1- Cement : 5 -fine sand)(B) Conventional	cu.m	4011.66
06001CA	6.12	Brick work using common burnt clay building bricks having crushing strength not less than 35 kg./Sq.Cm. in foundation and plinth in Cement Mortar 1:5. (1- Cement : 5 -fine sand)(C) Fly Ash Bricks	cu.m	4847.70
06002AA	6.13	Brick work using common burnt clay building bricks having crushing strength not less than 35 kg./Sq.Cm. in foundation and plinth in Cement Mortar 1:6 (1- Cement : 6 -fine sand)(A) Modular	cu.m	4241.70
06002BA	6.13	Brick work using common burnt clay building bricks having crushing strength not less than 35 kg./Sq.Cm. in foundation and plinth in Cement Mortar 1:6 (1- Cement : 6 -fine sand)(B) Conventional	cu.m	3981.21
06002CA	6.13	Brick work using common burnt clay building bricks having crushing strength not less than 35 kg./Sq.Cm. in foundation and plinth in Cement Mortar 1:6 (1- Cement : 6 -fine sand)(C) Fly Ash Bricks	cu.m	4742.10
06003AA	0	Brick work using common burnt clay building bricks having crushing strength not less than 35 kg./Sq.Cm. in foundation and plinth in Cement Mortar 1:8 (1- Cement : 8 -fine sand)(A) Modular	cu.m	4134.53
06003BA	0	Brick work using common burnt clay building bricks having crushing strength not less than 35 kg./Sq.Cm. in foundation and plinth in Cement Mortar 1:8 (1- Cement : 8 -fine sand)(B) Conventional	cu.m	3858.73
06003CA	0	Brick work using common burnt clay building bricks having crushing strength not less than 35 kg./Sq.Cm. in foundation and plinth in Cement Mortar 1:8 (1- Cement : 8 -fine sand)(C) Fly Ash Bricks	cu.m	4649.70

Item Code	Item No.as per NBO	Description	Unit	Rate in Rs. for 2023-24
06004AA	0	Brick work using common burnt clay building bricks having crushing strength not less than 35 kg./Sq.Cm. in foundation and plinth in Lime Mortar 1:1.5 (1- Lime putty :1.5 -fine sand)(A) Modular	cu.m	4143.97
06004BA	0	Brick work using common burnt clay building bricks having crushing strength not less than 35 kg./Sq.Cm. in foundation and plinth in Lime Mortar 1:1.5 (1- Lime putty :1.5 -fine sand)(B) Conventional	cu.m	3869.52
06004CA	0	Brick work using common burnt clay building bricks having crushing strength not less than 35 kg./Sq.Cm. in foundation and plinth in Lime Mortar 1:1.5 (1- Lime putty :1.5 -fine sand)(C) Fly Ash Bricks	cu.m	4621.65
06005AA	0	Brick work using common burnt clay building bricks having crushing strength not less than 35 kg./Sq.Cm. in foundation and plinth in Lime Mortar 1: 2 (1- Lime putty : 2 -fine sand)(A) Modular	cu.m	4124.97
06005BA	0	Brick work using common burnt clay building bricks having crushing strength not less than 35 kg./Sq.Cm. in foundation and plinth in Lime Mortar 1: 2 (1- Lime putty : 2 -fine sand)(B) Conventional	cu.m	3847.81
06005CA	0	Brick work using common burnt clay building bricks having crushing strength not less than 35 kg./Sq.Cm. in foundation and plinth in Lime Mortar 1: 2 (1- Lime putty : 2 -fine sand)(C) Fly Ash Bricks	cu.m	4580.40
06006A	6.19	Extra for brick work in superstructure above plinth level upto floor two level (A) Modular	cu.m	262.35
06006B	6.19	Extra for brick work in superstructure above plinth level upto floor two level (B) Conventional	cu.m	272.25
06006C	6.19	Extra for brick work in superstructure above plinth level upto floor two level(C) Fly Ash Bricks	cu.m	272.25
06007A1A	6.2	Extra for brick work in superstructure above floor two level Item No. 1(6.12) (A) Modular	floor per cu	42.66
06007A2A	6.2	Extra for brick work in superstructure above floor two level Item No. 1(6.12) (B) Conventional	floor per cu	40.09
06007A3A	6.2	Extra for brick work in superstructure above floor two level Item No. 1(6.12) (C) Fly Ash Bricks	floor per cu	49.26

Item Code	Item No.as per NBO	Description	Unit	Rate in Rs. for 2023-24
06007B1A	6.2	Extra for brick work in superstructure above floor two level Item No. 2(6.13) (A) Modular	floor per cu	42.42
06007B2A	6.2	Extra for brick work in superstructure above floor two level Item No. 2(6.13) (B) Conventional	floor per cu	39.79
06007B3A	6.2	Extra for brick work in superstructure above floor two level Item No. 2(6.13) (C) Fly Ash Bricks	floor per cu	48.96
06007C1A	6.2	Extra for brick work in superstructure above floor two level Item No. 3 (A) Modular	floor per cu	41.32
06007C2A	6.2	Extra for brick work in superstructure above floor two level Item No. 3 (B) Conventional	floor per cu	38.56
06007C3A	6.2	Extra for brick work in superstructure above floor two level Item No. 3 (C) Fly Ash Bricks	floor per cu	47.74
06007D1A	6.2	Extra for brick work in superstructure above floor two level Item No. 4 (A) Modular	floor per cu	41.42
06007D2A	6.2	Extra for brick work in superstructure above floor two level Item No. 4 (B) Coventional	floor per cu	38.67
06007D3A	6.2	Extra for brick work in superstructure above floor two level Item No. 4 (C) Fly Ash Bricks	floor per cu	47.84
06007E1A	6.2	Extra for brick work in superstructure above floor two level Item No. 5 (A) Modular	floor per cu	41.23
06008A1A	6.3	(i) Half brick masonry in common brunt clay building bricks having crushing strength not less than 35 Kg/Sq.Cm. in Cement mortar 1:4 (1-Cement : 4 -coarse sand ) in foundation and plinth (A) Modular	Sqm	584.68
06008A2A	6.3	(i) Half brick masonry in common brunt clay building bricks having crushing strength not less than 35 Kg/Sq.Cm. in Cement mortar 1:4 (1-Cement : 4 -coarse sand ) in foundation and plinth (B) Conventional	Sqm	593.90
06008A3A	6.3	(i) Half brick masonry in common brunt clay building bricks having crushing strength not less than 35 Kg/Sq.Cm. in Cement mortar 1:4 (1-Cement : 4 -coarse sand ) in foundation and plinth (C)Fly Ash Bricks	Sqm	673.20
06008B1A	6.3	(ii) Half brick masonry in common brunt clay building bricks having crushing strength not less than 35 Kg/Sq.Cm. in Cement mortar 1:5 (1-Cement : 5 -coarse sand ) in foundation and plinth (A) Modular	Sqm	575.39
06008B2A	6.3	(ii) Half brick masonry in common brunt clay building bricks having crushing strength not less than 35 Kg/Sq.Cm. in Cement mortar 1:5 (1-Cement : 5 -coarse sand ) in foundation and plinth (B) Conventional	Sqm	583.49

Item Code	Item No.as per NBO	Description	Unit	Rate in Rs. for 2023-24
06008B3A	6.3	(ii) Half brick masonry in common brunt clay building bricks having crushing strength not less than 35 Kg/Sq.Cm. in Cement mortar 1:5 (1-Cement : 5 -coarse sand ) in foundation and plinth (C)Fly Ash Bricks	Sqm	660.00
06008C1A	6.3	(iii) Half brick masonry in common brunt clay building bricks having crushing strength not less than 35 Kg/Sq.Cm. in Lime mortar 1:1.5 ( 1- Lime : 1.5 -coarse sand ) in foundation and plinth (A) Modular	Sqm	560.58
06008C2A	6.3	(iii) Half brick masonry in common brunt clay building bricks having crushing strength not less than 35 Kg/Sq.Cm. in Lime mortar 1:1.5 ( 1- Lime : 1.5 -coarse sand ) in foundation and plinth (B) Conventional	Sqm	566.91
06008C3A	6.3	(iii) Half brick masonry in common brunt clay building bricks having crushing strength not less than 35 Kg/Sq.Cm. in Lime mortar 1:1.5 ( 1- Lime : 1.5 -coarse sand ) in foundation and plinth (C)Fly Ash Bricks	Sqm	633.60
06008E2A	6.2	Extra for brick work in superstructure above floor two level Item No. 5 (B) Coventional	cu.m	40.09
06009AA	6.31	Half brick masonry in common brunt clay building bricks having crushing strength not less than 35 Kg/Sq.Cm. in Cement mortar 1:3 ( 1-Cement : 3-coarse sand ) with 2 Nos of 6mm Mild steel round bars after every three course embedded in Cement Mortar in foundation and plinth (A) Modular	Sqm	645.35
06009BA	6.31	Half brick masonry in common brunt clay building bricks having crushing strength not less than 35 Kg/Sq.Cm. in Cement mortar 1:3 ( 1-Cement : 3-coarse sand ) with 2 Nos of 6mm Mild steel round bars after every three course embedded in Cement Mortar in foundation and plinth (B) Conventional	Sqm	656.64
06009CA	6.31	Half brick masonry in common brunt clay building bricks having crushing strength not less than 35 Kg/Sq.Cm. in Cement mortar 1:3 ( 1-Cement : 3-coarse sand ) with 2 Nos of 6mm Mild steel round bars after every three course embedded in Cement Mortar in foundation and plinth (C)Fly Ash Bricks	Sqm	740.85
06009E3A	6.2	Extra for brick work in superstructure above floor two level Item No. 5 (C) Fly Ash Bricks	cu.m	45.87

Item Code	Item No.as per NBO	Description	Unit	Rate in Rs. for 2023-24
06010A	6.32	Extra for half brick masonry in superstructure above plinth level upto floor two level. (A) Modular	Sqm	47.85
06010B	6.32	Extra for half brick masonry in superstructure above plinth level upto floor two level. (B) Conventional	Sqm	52.80
06010C	6.32	Extra for half brick masonry in superstructure above plinth level upto floor two level. (C)Fly Ash Bricks	Sqm	52.80
06011AA	6.33	Extra for half brick masonry in superstructure above floor two level. (A) Modular	Sqm	5.85
06011BA	6.33	Extra for half brick masonry in superstructure above floor two level.(B) Conventional	Sqm	5.94
06011CA	6.33	Extra for half brick masonry in superstructure above floor two level. (C) Fly Ash Bricks	Sqm	7.03
06012AA	6.55	Half brick thick honey- comb brick work with common burnt clay building bricks having crushing strength not less than 35 Kg/Sq.Cm. (i) In Cement Mortar 1:4 ( 1- Cement : 4 - coarse sand)	Sqm	304.53
06012BA	6.55	Half brick thick honey- comb brick work with common burnt clay building bricks having crushing strength not less than 35 Kg/Sq.Cm. (ii) In Cement Mortar 1:5 ( 1- Cement : 5 - coarse sand)	Sqm	298.38
06012CA	6.55	Half brick thick honey- comb brick work with common burnt clay building bricks having crushing strength not less than 35 Kg/Sq.Cm. (iii) Fly Ash Brick In Cement Mortar 1:5 ( 1-Cement : 5 - coarse sand)	Sqm	348.15
6014		Masonry work using Aerated light weight concrete block having crushing strength not less than 35 kg/sqcm for super structure above plinth level upto floor two level in cement mortar 1:5 ( 1 cement : 5 fine sand ) complete as per Technical Specification	cu.m	4483.73
6015		Providing and laying Precast Lightweight concrete hollow core wall with hollow core concrete unit of approved make & size of 92 mm thick, 600 mm wide and 2400 mm / 2600 mm / 2850 mm / 3000 mm / 3300 mm in length made from of controlled cement concrete M20 having cube compressive strength not less than 20 MPa jointing with high strength & tensile adhesion non-shrink cementitious joint compound / P.U. Foam. (Plaster not required)	Sqm	747.00

Item Code	Item No.as per NBO	Description	Unit	Rate in Rs. for 2023-24
6016		Providing and laying Precast Lightweight concrete hollow core wall with hollow core concrete unit of approved make & size of 120 mm thick, 600 mm wide and 2400 mm / 2600 mm / 2850 mm / 3000 mm / 3300 mm in length made from of controlled cement concrete M20 having cube compressive strength not less than 20 MPa jointing with high strength & tensile adhesion non-shrink cementitious joint compound / P.U. Foam. (Plaster not required)	Sqm	842.00
6017		Providing and laying Precast Regular concrete hollow core wall with hollow core concrete unit of approved make & size of 92 mm thick, 600 mm wide and 2400 mm / 2600 mm / 2850 mm / 3000 mm / 3300 mm in length made from of controlled cement concrete M35 having cube compressive strength not less than 35 MPa jointing with high strength & tensile adhesion non-shrink cementitious joint compound / P.U. Foam. (Plaster not required)	Sqm	777.00
6018		Providing and laying Precast Regular concrete hollow core wall with hollow core concrete unit of approved make & size of 120 mm thick, 600 mm wide and 2400 mm / 2600 mm / 2850 mm / 3000 mm / 3300 mm in length made from of controlled cement concrete M35 having cube compressive strength not less than 35 MPa jointing with high strength & tensile adhesion non-shrink cementitious joint compound / P.U. Foam. (Plaster not required)	Sqm	875.00

Item Code	Item No.as per NBO	Description	Unit	Rate in Rs. for 2023-24
<b>CHAPTER- 7 STONE MASONRY</b>				
07001AA	7.6	(i) Uncoursed Rubble Masonry with hard stone of approved quality in foundations and plinth in Cement Mortar 1:6 (1-cement : 6-coarse sand including levelling up etc. complete	cu.m	2475.26
07001BA	7.6	(ii) Uncoursed Rubble Masonry with hard stone of approved quality in foundations and plinth in Cement Mortar 1:5 (1-cement : 5-coarse sand including levelling up etc. complete	cu.m	2517.13
07001CA	7.6	(iii) Uncoursed Rubble Masonry with hard stone of approved quality in foundations and plinth in Lime Mortar 1:1.5 (1-Lime : 1.5-coarse sand including levelling up etc. complete	cu.m	2321.69
7002	7.8	Extra over Item 7.6 for super structure above plinth level upto floor two level	cu.m	363.00
07003A	7.9	Extra for additional lift in superstructure above floor two level.	cu.m	24.75
07004A	7.17 A	Coursed rubble masonry with hard stone of approved quality in foundations and plinth in Cement Mortar 1:6 (1-Cement : 6-coarse sand) etc. complete.	cu.m	3301.47
07005AA	7.17 B	Coursed rubble masonry with stone of approved quality in foundations and plinth in Cement Mortar 1:5 (1-Cement : 5-coarse sand) etc. complete.	cu.m	3339.54
07005BA	7.17 C	Coursed rubble masonry with stone of approved quality in foundations and plinth in Cement Mortar 1:4 (1-Cement : 4-coarse sand) etc. complete.	cu.m	3451.06
07005CA	7.17 D	Coursed rubble masonry with stone of approved quality in foundations and plinth in Cement Mortar 1:3 (1-Cement : 3-coarse sand) etc. complete.	cu.m	3658.16
7006	7.19	Extra over item No. 7.17 for superstructure above plinth level upto floor two level	floor per cu	339.90
07007A	7.2	Extra for additional lift in superstructure above floor two level.	floor per cu	36.10
07008A	0	White Stone Bela mesonry block in course in superstructure with stone of approved quality in Lime Mortar 1:1.5 (1-Lime putty : 1.5- finesand) including packing the joints etc. complete.	cu.m	4303.47
07009A	0	White Stone Bela mesonry work in partition walls upto 15 cm thickness in cement Mortar 1:4 ( 1-Cement : 4- course sand)	Sqm	510.36

Item Code	Item No.as per NBO	Description	Unit	Rate in Rs. for 2023-24
07010A	0	White Stone Bela mesonry block in course in superstructure with stone of approved quality in Lime Mortar 1:5 (1-Cement :5- course sand) including packing the joints etc. complete.	cu.m	5125.45
07011A	0	White Stone Bela mesonry block in course in superstructure with stone of approved quality in Lime Mortar 1:6 (1-Cement : 6- course sand) including packing the joints etc. complete.	cu.m	5098.80
07012A	7.75	Precast concrete block masonry (including quoin blocks jamb blocks closer etc.) with solid concrete blocks of approved size made of cement concrete 1:3:6 mix (1- Cement : 3 coarse sand: 6- graded stone aggregates of 20 mm and down grade) in foundation and plinth cement mortar 1:6	cu.m	3599.54
7013	7.93	Extra for masonry work with precast concrete block in superstructure above plinth upto floor two level.	cu.m	272.25
07014A	7.82	Precast concrete block masonry in partition walls 10 cm. thick with solid block of approved size (including quion blocks Jamb blocks closer etc.) made of C.C.1:3:6 (1- Cement : 3- coarse sand : 6 graded stone aggregates 20 mm and down grade) (A) in C.M. 1:4.	Sqm	647.67
7015	0	Providing and laying hollow block masonry 90 mm thick using hollow concrete blocks IS 2185 (Part-I ) grade B (5.0) with Cement Mortar 1:4 laying in perfect line level and plinth preparing grading the joints incl. the cost of scaffolding and curing etc. (A) Block masonry in 1:1:8 cement lime mortar	Sqm	364.85
7016	0	Providing and laying hollow block masonry 140 mm thick using follow blocks masonry IS 2185 (Part-I ) grade B (5.0) with Cement Mortar 1:4 laying in perfect line level and plint propering groding the joints ind. the cast of seaffolding and quiring etc . (A) Block masonry in 1:1:8 cement lime mortar	Sqm	442.50
7017	0	Providing and laying hollow block masonry 190 mm thick using follow blocks masonry IS 2185 (Part-I ) grade B (5.0) with Cement Mortar 1:4 laying in perfect line level and plint propering groding the joints ind. the cast of seaffolding and quiring etc (A) Block masonry in 1:1:8 cement lime mortar	Sqm	505.04

Item Code	Item No.as per NBO	Description	Unit	Rate in Rs. for 2023-24
<b>CHAPTER- 9 FORM WORK</b>				
09001AA	9.1	Providing formwork of ordinary timber planking so as to give a rough finish including centering shuttering strutting and propping etc. Height of propping and centering below supporting floor to ceiling not exceeding 4 M. and removal of the same for in situ reinforced concrete and plain concrete work in. (A) Foundations Footings Bases of Columns etc. and Mass concrete.	Sqm	171.68
09001B1A	9.1	Providing formwork of ordinary timber planking so as to give a rough finish including centering shuttering strutting and propping etc. Height of propping and centering below supporting floor to ceiling not exceeding 4 M. and removal of the same for in situ reinforced concrete and plain concrete work in. (B) Flat surfaces such as soffits of suspended floors slabs Landings and the like. (1) Floors etc. upto 200 mm in thickness.	Sqm	252.00
09001B2A	9.1	Providing formwork of ordinary timber planking so as to give a rough finish including centering shuttering strutting and propping etc. Height of propping and centering below supporting floor to ceiling not exceeding 4 M. and removal of the same for in situ reinforced concrete and plain concrete work in. (B) Flat surfaces such as soffits of suspended floor roof slabs Landings and the like. (2) Floors etc. above 200mm in thickness.	Sqm	270.90
09001CA	9.1	Providing formwork of ordinary timber planking so as to give a rough finish including centering shuttering strutting and propping etc. height of propping and centering below supporting floor to ceiling not exceeding 4 M. and removal of the same for in situ reinforced concrete and plain concrete work in. (C) Vertical surface such as walls (any thickness) partitions and the like including attached buttresses & string course & the like.	Sqm	229.95

Item Code	Item No.as per NBO	Description	Unit	Rate in Rs. for 2023-24
09001G1A	9.1	Providing formwork of ordinary timber planking so as to give a rough finish including centering shuttering strutting and propping etc. height of propping and centering below supporting floor to ceiling not exceeding 4 M. and removal of the same for in situ reinforced concrete and plain concrete work in. (G) Columns PillarsPosts and struts. (1) Square Rectangular Polygonal in plan.	Sqm	297.68
09001G2A	9.1	Providing formwork of ordinary timber planking so as to give a rough finish including centering shuttering strutting and propping etc. height of propping and centering below supporting floor to ceiling not exceeding 4 M. and removal of the same for in situ reinforced concrete and plain concrete work in. (G) Columns PillarsPosts and struts. (2)Circular or curved in Plan.	Sqm	422.10
09001H1A	9.1	Providing formwork of ordinary timber planking so as to give a rough finish including centering shuttering strutting and propping etc. height of propping and centering below supporting floor to ceiling not exceeding 4 M. and removal of the same for in situ reinforced concrete and plain concrete work in. (H) (1) Sides and soffits of Beams Beam Haunchings cantilevers Girders Bressumers and Lintels not exceeding 1 M. in Depth.	Sqm	192.15
09001H2A	9.1	Providing formwork of ordinary timber planking so as to give a rough finish including centering shuttering strutting and propping etc. height of propping and centering below supporting floor to ceiling not exceeding 4 M. and removal of the same for in situ reinforced concrete and plain concrete work in. (H) (2) Sides and soffits of Beams Beam Haunchings canti-levers Girders Bressumers and Lintels exceeding 1M.in Depth.	Sqm	259.88
09001IA	9.1	Providing formwork of ordinary timber planking so as to give a rough finish including centering shuttering strutting and propping etc. height of propping and centering below supporting floor to ceiling not exceeding 4 M. and removal of the same for in situ reinforced concrete and plain concrete work in. (I) Edges of slabs and Breaks in floors and walls.	Sqm	67.73

Item Code	Item No.as per NBO	Description	Unit	Rate in Rs. for 2023-24
09001KA	9.1	Providing formwork of ordinary timber planking so as to give a rough finish including centering shuttering strutting and propping etc. height of propping and centering below supporting floor to ceiling not exceeding 4 M. and removal of the same for in situ reinforced concrete and plain concrete work in. (K) Small surface such as cantiever brackets and ends of steps caps and basses to pilasters and Columns and the like.	Sqm	604.80
09001LA	9.1	Providing formwork of ordinary timber planking so as to give a rough finish including centering shuttering strutting and propping etc. height of propping and centering below supporting floor to ceiling not exceeding 4 M. and removal of the same for in situ reinforced concrete and plain concrete work in. (L) Chullah Hoods, weather shades Chhajjas Corbels etc. including edges.	Sqm	155.78
09001MA	9.1	Providing formwork of ordinary timber planking so as to give a rough finish including centering shuttering strutting and propping etc. height of propping and centering below supporting floor to ceiling not exceeding 4 M. and removal of the same for in situ reinforced concrete and plain concrete work in. (M) Staircase with sloping or stepped soffits including risers and stringers excluding landing.	Sqm	242.55
09001QA	9.1	Providing formwork of ordinary timber planking so as to give a rough finish including centering shuttering strutting and propping etc. height of propping and centering below supporting floor to ceiling not exceeding 4 M. and removal of the same for in situ reinforced concrete and plain concrete work in. (Q) Vertical fins and vertical sun breakers.	Sqm	382.73
09002AA	9.2	Extra for additional height of propping and centering where the height of propping and centering exceeds 4 .0 M between supporting floor to ceiling including temporary brick or stone pillars for supporting as required. (i)Height more than 4.0 M.and upto 5.0 M.	Sqm	386.48

Item Code	Item No.as per NBO	Description	Unit	Rate in Rs. for 2023-24
09002BA	9.2	Extra for additional height of propping and centering where the height of propping and centering exceeds 4 .0 M between supporting floor to ceiling including temporary brick or stone pillars for supporting as required. (ii) Height more than 5.0 M.and upto 6.0 M.	Sqm	682.01
09002CA	9.2	Extra for additional height of propping and centering where the height of propping and centering exceeds 4 .0 M between supporting floor to ceiling including temporary brick or stone pillars for supporting as required. (iii) Height more than 6.0 M. and upto 7.0 M	Sqm	573.30
09003AA	9.7	Extra for Providing formwork with sheathing steel sheets so as to give a fair finish in (A) Foundations, Footings, Bases of Columns etc. and Mass concrete	Sqm	94.02
09003B1A	9.7	Extra for Providing formwork with sheathing steel sheets so as to give a fair finish in (B)Flat surfaces such as soffits of slabs Landings and the like. (1) Floors etc. upto 200mm in thickness.	Sqm	94.02
09003B2A	9.7	Extra for Providing formwork with sheathing steel sheets so as to give a fair finish in (B) Flat surfaces such as soffits of slabs Landings and the like. 2) Floors etc.above 200mm in thickness.	Sqm	94.02
09003CA	9.7	Extra for Providing formwork with sheathing steel sheets so as to give a fair finish in (C)Vertical surface such as walls (anythickness) partitions & lime including attached pilasters buttresses plinth & string course & like.	Sqm	94.02
09003G1A	9.7	Extra for Providing formwork with sheathing steel sheets so as to give a fair finish in (G) Columns, Pillars, Posts and struts. (1) Square, Rectangular or polygonal in plan.	Sqm	94.02
09003G2A	9.7	Extra for Providing formwork with sheathing steel sheets so as to give a fair finish in (G) Columns, Pillars, Posts and struts. (2) Circular or curved in plan	Sqm	94.02
09003H1A	9.7	Extra for Providing formwork with sheathing steel sheets so as to give a fair finish in (H)(1) Sides and soffits of Beams, Beam Haunchingscantilevers Girders, Bressumers and Lintels not exceeding 1 M. in Depth.	Sqm	94.02

Item Code	Item No.as per NBO	Description	Unit	Rate in Rs. for 2023-24
09003H2A	9.7	Extra for Providing formwork with sheathing steel sheets so as to give a fair finish in (H) (2) Sides and soffits of Beams, Beam Haunchings cantilevers Girders, Bressumers and Lintels exceeding 1 M. in Depth.	Sqm	94.02
09003IA	9.7	Extra for Providing formwork with sheathing steel sheets so as to give a fair finish in (I) Edges of slabs and Breaks in floors and walls.	Sqm	94.02
09003KA	9.7	Extra for Providing formwork with sheathing steel sheets so as to give a fair finish in (K) Small surfaceas such as centilever endsnBrackets and end of steps caps and basses to pilasters and Columns including edges.	Sqm	94.02
09003LA	9.7	Extra for Providing formwork with sheathing steel sheets so as to give a fair finish in (L) Chullah Hoods weather Shades Chhajjas Corbels etc. and the like.	Sqm	94.02
09003MA	9.7	Extra for Providing formwork with sheathing steel sheets so as to give a fair finish in (M)Staircase with sloping or stepped soffits including sisers and stringers excluding landing.	Sqm	94.02
09003QA	9.7	Extra for Providing formwork with sheathing steel sheets so as to give a fair finish in (Q)Vertical fins and vertical sun breakers.	Sqm	94.02

Item Code	Item No.as per NBO	Description	Unit	Rate in Rs. for 2023-24
<b>CHAPTER- 10 WOOD WORK &amp; JOINERY</b>				
10001A	10.1	Providing wood work in frames of Doors, windows clear story windows and othersimilar works wrought, framed and fixed in position. (A) Indian Teak Wood	10 Cu.Dm.	602.04
10002A	10.4	Providing wood work in Trusses, Purling, Rafter, Post,Post Plates, wall plates and the like wrought framed, hoisted and fixed in position	Cu.Dm.	1336.98
10003A	10.5	Providing wood work in frames of false- ceiling, partitions etc sawn and put up in position. (A) Indian Teak Wood	Cu.Dm.	653.88
10004AA	10.12	Providing and fixing 35 mm thick shutters for Doors, windows and clear story windows including anodised alluminium butt hinges with necessary screws.(A) Indian Teak Wood (1) Fully Panelled	Cu.Dm.	3902.35
10004BA	10.12	Providing and fixing 35 mm thick shutters for Doors, windows and clear story windows including anodised alluminium butt hinges with necessary screws. (A) Indian Teak Wood (ii) Fully Glazed.	Sqm	3211.96
10004CA	10.12	Providing and fixing 35 mm thick shutters for Doors, windows and clear story windows including anodised alluminium butt hinges with necessary screws. (A) Indian Teak Wood(iii) Partly panelled and partly glazed.	Sqm	3557.15
10005AA	10.13	Providing and fixing 35 mm thick shutters for Doors, windows and clearstory windows including blackenamelled M.S. butt hinges with necessary screws. (A) Indian teak wood. (i) Fully Panelled.	Sqm	3620.47
10005BA	10.13	Providing and fixing 35 mm thick shutters for Doors, windows and clearstory windows including blackenamelled M.S. butt hinges with necessary screws. (A) Indian teak wood. (ii) Fully Glazed.	Sqm	2930.08
10005CA	10.13	Providing and fixing 35 mm thick shutters for Doors, windows and clearstory windows including blackenamelled M.S. butt hinges with necessary screws. (A) Indian teak wood. (iii) Partly panelled and partly glazed.	Sqm	3275.28
10006AA	10.15	Providing and fixing 25 mm thick shutters for cupboards etc. including anodised alluminium butt hinges with necessary screws. (A) Indian teak wood. (i) Fully Panelled.	Sqm	3034.10

Item Code	Item No.as per NBO	Description	Unit	Rate in Rs. for 2023-24
10006BA	10.15	Providing and fixing 25 mm thick shutters for cupboards etc. including anodised alluminium butt hinges with necessary screws. (A) Indian teak wood. (ii) Fully Glazed.	Sqm	2594.74
10006CA	10.15	Providing and fixing 25 mm thick shutters for cupboards etc. including anodised alluminium butt hinges with necessary screws. (A) Indian teak wood. (iii) Partly panelled and partly glazed.	Sqm	2814.42
10007AA	10.16	Providing and fixing 25 mm thick shutters for cupboards etc. including black enamelled M.S. butt hinges with necessary screws. (A) Indian teak wood. (i) Fully Panelled.	Sqm	3006.75
10007BA	10.16	Providing and fixing 25 mm thick shutters for cupboards etc. including black enamelled M.S. butt hinges with necessary screws. (A) Indian teak wood. (ii) Fully Glazed.	Sqm	2567.38
10007CA	10.16	Providing and fixing 25 mm thick shutters for cupboards etc. including black enamelled M.S. butt hinges with necessary screws. (A) Indian teak wood. (iii) Partly panelled and partly glazed.	Sqm	2787.06
10008A	0	Add extra for providing and fixing 40 mm thick shutters instead of 35 mm thick shutters.	Sqm	201.02
10009AA	10.23	Providing and fixing 35 mm thick panelled ,glazed or panelled and glazed shutters, for Doors windows and clearstory windows including anodised alluminium But hinges with necessary screws and indian teak wood shutters with. (A) Plywood sheet panels.	Sqm	3459.09
10009BA	10.23	Providing and fixing 35 mm thick panelled ,glazed or panelled and glazed shutters, for Doors windows and clearstory windows including anodised alluminium But hinges with necessary screws and indian teak wood shutters with. (B) Particle board panels	Sqm	3464.51
10009CA	10.23	Providing and fixing 35 mm thick panelled ,glazed or panelled and glazed shutters, for Doors windows and clearstory windows including anodised alluminium But hinges with necessary screws and indian teak wood shutters with. (C) Hard board panels.	Sqm	3433.65

Item Code	Item No.as per NBO	Description	Unit	Rate in Rs. for 2023-24
10009DA	10.23	Providing and fixing 35 mm thick panelled ,glazed or panelled and glazed shutters, for Doors windows and clearstory windows including anodised alluminium But hinges with necessary screws and indian teak wood shutters with. (D) Asbestos sheet panels.	Sqm	3406.53
10010AA	10.24	Providing and fixing 35 mm thick panelled ,glazed or panelled and glazed shutters, for Doors windows and clearstory windows including black enamelled M.S. But hinges with necessary screws. (A) Plywood sheet panels.	Sqm	3178.88
10010BA	10.24	Providing and fixing 35 mm thick panelled ,glazed or panelled and glazed shutters, for Doors windows and clearstory windows including black enamelled M.S. But hinges with necessary screws. (B) Particle board panels	Sqm	3184.01
10010CA	10.24	Providing and fixing 35 mm thick panelled ,glazed or panelled and glazed shutters, for Doors windows and clearstory windows including black enamelled M.S. But hinges with necessary screws. (C) Hard board panels.	Sqm	3153.15
10010DA	10.24	Providing and fixing 35 mm thick panelled ,glazed or panelled and glazed shutters, for Doors windows and clearstory windows including black enamelled M.S. But hinges with necessary screws . (D) Asbestos sheet panels.	Sqm	3126.32
10011	10.3	Providing and fixing flush door shutters, solid core construction with frame of first class hardwood with cross board and face veneer or plywood face panels, including anodised alluminium butt hinges with necessary screws. (B) Non-decorative type and block board core anodised alluminium butt hinges in flush door shutters (2) 35 mm thick.	Sqm	1779.97
10012	10.37	Extra for using bright finished M.S. piano hinges of (A) Nickel plated piano hinges.	Sqm	883.19
10013	10.39	Extra for providing vision panel not exceeding 0.1 Sq.M. in all types of flush doors. (A) Rectangular or Square.	Sqm	24.11
10014A	10.5	Providing and fixing 30 mm wire gauge shutters using galvanised M.S. wire of I.S. gauge designation of 85 G. with wire of 0.56 mm dia,for Doors, windows and clearstory windows including anodised alluminium butt hinges with necessary screws. (A) Indian teak wood.	Sqm	2679.28

Item Code	Item No.as per NBO	Description	Unit	Rate in Rs. for 2023-24
10015A	10.5	Providing and fixing 30 mm wire gauge shutters using galvanised M.S. wire of I.S. gauge designation of 85 G. with wire of 0.56 mm dia,for Doors, windows and clearstory windows including bright finished or/ and black enamelede M.S. butt hinges with necessary Mango wood or equivalent quality.	Sqm	1215.86
10016	10.5	Extra for providing and fixing galvanised M.S wire gauge of I.S. gauge designation 140 G,to 000 Rs. windows and cleastory windows with wire of dia 0.71 mm instead of I,S,gauge designation 85 G.with wire of dia.0.56 mm.	Sqm	28.92
10017	10.7	Providing and fixing 12 mm thick and 100mm wide pelmet of flat pressed 3 layer neneed particle board solid core with 25 mm diametre alluminium curtain Road and brackets including fixing with 25mm x 3mm M.S flat 10cm,long and plugs etc.complete.	Rmt	211.46
10018A	10.8	Providing and fixing 40mm panelled, Glazed or panelled and glazed partitions fixed to frames with iron scews etc. complete with indian teak wood (Frames tobe paid separately)	Sqm	3400.12
10019A	10.9	Providing and fixing Decorative plywood 4mm thick in partitions including fixing to frames with screws etc, complete with 50mm x 12mm teak wood beading (Frames tobe paid separately)	Sqm	827.20
10021A	10.9	Providing and fixing in partitions 4mm thick medium hard board of approved quality including fixing to fames with screws etc, complete with 50mm x 12mm teak wood beading (Frames tobe paid separately)	Sqm	516.60
10022A	11	25 mm thick wooden shelves supported on 40 x 40mm x 6 mm T or L iron brackets fixed at suitable distances but not exceeding 75 cm. apart with Mango wood or equivalent quality.	Sqm	1306.61
10023A	11	40 mm thick wooden shelves supported on 40 x 40mm x 6 mm T or L iron brackets fixed at suitable distances not exceeding 75 cm. apart with Mango wood or equivalent quality.	Sqm	1691.00
10024A	11	Providing and fixing M.S. round or square bars with M.S.flats at required spacing in wooden frames of windows and clerestory windows.	kg	68.53

Item Code	Item No.as per NBO	Description	Unit	Rate in Rs. for 2023-24
10025AA	10.1	Providing and fixing M.S. grills of required pattern to wooden frames of windows etc. with M.S. flats at required spacings and frame around, square or round bars with round headed bolts and nuts or by screws (A) Plain Grill.	kg	100.17
10025BA	10.1	Providing and fixing M.S. grills of required pattern to wooden frames of windows etc. with M.S. flats at required spacings and frame around, square or round bars with round headed bolts and nuts or by screws. (B) ORNAMENTAL GRILL	kg	143.64
10026A	10.1	Providing and fixing hard drawn steel wire fabric 75mm x 25mm mesh or weight not less than 7.75 kg. per Sq.M. to window frames etc. including 60 x 20mm beading of teak wood.	Sqm	754.65
10027A	10.1	Providing and fixing Fly proof galvanised M.S. wire gauge of I.S.I gauge designation 85 G. with wire of dia.0.56 mm to windows and celevating windows including 60 x 20mm beading of teak wood.	Sqm	663.31
10028A	10.1	Providing and fixing first class indian teak wood 75mm x 60mm moulded hand rails in straight lengths complete.	Rmt	484.28
10029AA	0	(i) Providing and fixing glazed louvered glass windows and ventilators with teak wood frame 10cm. x 7cm. size including 3 coats of oil painting to wood work etc.complete.	Sqm	4102.54
10029BA	0	(ii) Providing and fixing glazed louvered glass windows and ventilators with teak wood frame 10cm. x 7cm. size including 3 coats of oil painting to wood work etc.complete. with wooden louvers plank 12mm thick	Sqm	4332.47
10030A	0	Providing and fixing 35 mm thick shutters for Doors, windows and clerestory windows including Indian teak wood frames 10 cm x 7 cm. size including anodized alluminium fixtures and fastenings including primer coat of approved quality and two coats of oil painting etc, complete. (i) Fully Glazed.	Sqm	4595.06
10030B	0	Providing and fixing 35 mm thick shutters for Doors, windows and clerestory windows including Indian teak wood frames 10 cm x 7 cm. size including anodized alluminium fixtures and fastenings including primer coat of approved quality and two coats of oil painting etc, complete. (ii) Fully Panelled.	Sqm	5285.45

Item Code	Item No.as per NBO	Description	Unit	Rate in Rs. for 2023-24
10030C	0	Providing and fixing 35 mm thick shutters for Doors, windows and clerestory windows including Indian teak wood frames 10 cm x 7 cm. size including anodized alluminium fixtures and fastenings including primer coat of approved quality and two coats of oil painting etc, complete. (iii) Partly panelled and partly glazed.	Sqm	4940.25
10031A	0	Providing and fixing 35 mm thick shutters for Doors, windows and clerestory windows including Indian teak wood frames 10 cm x 7 cm. size including black enamelled iron oxidixed fixtures and fastenings including primer coat of approved quality and two coats of oil painting etc, complete. (i) Fully Glazed.	Sqm	4595.06
10031B	0	Providing and fixing 35 mm thick shutters for Doors, windows and clerestory windows including Indian teak wood frames 10 cm x 7 cm. size including black enamelled iron oxidixed fixtures and fastenings including primer coat of approved quality and two coats of oil painting etc, complete. (ii) Fully Panelled.	Sqm	5285.45
10031C	0	Providing and fixing 35 mm thick shutters for Doors, windows and clerestory windows including Indian teak wood frames 10 cm x 7 cm. size including black enamelled iron oxidixed fixtures and fastenings including primer coat of approved quality and two coats of oil painting etc, complete. (iii) Partly panelled and partly glazed.	Sqm	4940.25
10032A	0	Providing and fixing 35 mm thick shutters for Doors, windows and clerestory windows including Indian teak wood frames 12 cm x 7 cm. size including anodized alluminium fixtures and fastenings including primer coat of approved quality and two coats of oil painting etc, complete. (i) Fully Glazed.	Sqm	4788.50
10032B	0	Providing and fixing 35 mm thick shutters for Doors, windows and clerestory windows including Indian teak wood frames 12 cm x 7 cm. size including anodized alluminium fixtures and fastenings including primer coat of approved quality and two coats of oil painting etc, complete. (ii) Fully Panelled.	Sqm	5478.89

Item Code	Item No.as per NBO	Description	Unit	Rate in Rs. for 2023-24
10032C	0	Providing and fixing 35 mm thick shutters for Doors, windows and clerestory windows including Indian teak wood frames 12 cm x 7 cm. size including anodized alluminium fixtures and fastenings including primer coat of approved quality and two coats of oil painting etc, complete. (iii) Partly panelled and partly glazed.	Sqm	5133.69
10033A	0	Providing and fixing 35 mm thick shutters for Doors, windows and clerestory windows including Indian teak wood frames 12 cm x 7 cm. size including black enamelled iron oxidized fixtures and fastenings including primer coat of approved quality and two coats of oil painting etc, complete. (i) Fully Glazed.	Sqm	4506.62
10033B	0	Providing and fixing 35 mm thick shutters for Doors, windows and clerestory windows including Indian teak wood frames 12 cm x 7 cm. size including black enamelled iron oxidized fixtures and fastenings including primer coat of approved quality and two coats of oil painting etc, complete. (ii) Fully Panelled.	Sqm	5478.89
10033C	0	Providing and fixing 35 mm thick shutters for Doors, windows and clerestory windows including Indian teak wood frames 12 cm x 7 cm. size including black enamelled iron oxidized fixtures and fastenings including primer coat of approved quality and two coats of oil painting etc, complete. (iii) Partly panelled and partly glazed.	Sqm	5133.69
10034	0	Add extra for providing and fixing 40mm thick shutters instead of 35 mm thick shutters including oil paining etc. complete.	Sqm	269.44
10035	0	Deduct for providing and fixing 25mm thick shutters instead of 35 mm thick shutters including oil paining etc. complete.	Sqm	439.82

Item Code	Item No.as per NBO	Description	Unit	Rate in Rs. for 2023-24
10036		Providing and fixing FRP frame size 125x65 mm and 35mm thick FRP shutter with wood grain raised paneled design finish shutter having extra reinforcement on sides & edges in Gel coat finish. The core of the shutter & frame is to be filed up with injected polyurethane foam done in situ alongwith embedded wooden pieces for stiffening & also taking hinges & fintures. The whole FRP frame & shutter is to be water proof weather proof, termite proof & resistance to mild acid/alkali. Rates are to be inclusive of S.S hinges with fastener sleeve & alluminium fixtures & fastenings.	Sqm	1999.98
10037		Providing and fixing FRP frame size 100x50 mm and 28mm thick FRP depress panel shutter having extra reinforcement on sides & edges in Gel coat finish. The core of the shutter & frame is to be filed up with injected fire retardant grade polyurethane foam done in situ alongwith embedded wooden pieces for stiffening & also taking hinges & fintures. The whole FRP frame & shutter is to be water proof weather proof, termite proof & resistance to mild acid/alkali. Rates are to be inclusive of S.S hinges with necessary screws & alluminium fixtures & fastenings & fastener sleeve.	Sqm	2354.22
10038		Providing and fixing FRP frame size 125x65 mm and 35mm thick FRP shutter having extra reinforcement on sides & edges in polish finish. The core of the shutter & frame is to be filed up with injected polyurethane foam done in situ alongwith embedded wooden pieces for stiffening & also taking hinges & fintures. The whole FRP frame & shutter is to be water proof weather proof, termite proof & resistance to mild acid/alkali. Rates are to be inclusive of S.S hinges with necessary screws & alluminium S.S fixtures & fastenings & fastener sleeve	Sqm	2589.15

Item Code	Item No.as per NBO	Description	Unit	Rate in Rs. for 2023-24
10039		Providing and fixing FRP of 28mm thick Fibre Glass shutter with 1.5 to 2.0 mm thick fire retardent grade FRP skin in depressed panel design having extra reinforcement on sides & edges & in Gel coat finish. The core of the shutter is to be filled up with injected retardent grade polyurethane foam done in situ alongwith embedded wooden pieces for stiffening & also taking hinges & fintures. The whole FRP frame & shutter is to be water proof ,weather proof, termite proof & resistance to mild acid/alkali. Rates are to be inclusive of S.S hinges with necessary screws & alluminium S.S fixtures & fastenings & fastener sleeve.	Sqm	1544.88
10040		Providing and fixing FRP of 35mm thick Fiber Glass shutter with 1.5 to 2.0 mm thick fire retardent grade FRP skin in depressed panel design having extra reinforcement on sides & edges & in Gel coat finish. The core of the shutter is to be filled up with injected retardent grade polyurethane foam done in situ alongwith embedded wooden pieces for stiffening & also taking hinges & fintures. The whole FRP frame & shutter is to be water proof ,weather proof, termite proof & resistance to mild acid/alkali. Rates are to be inclusive of S.S hinges with necessary screws & alluminium fixtures & fastenings.	Sqm	1257.06
10041		Supply of 35mm thick Fiber Glass shutter with 1.5 to 2.0 mm thick fire retardent grade FRP skin in wood grain rasied panel design having extra reinforcement on sides & edges & in polish design finish. The core of the shutter is to be filled up with injected retardent grade polyurethane foam done in situ alongwith embedded wooden pieces for stiffening & also taking hinges & fintures. The whole shutter is to be water proof ,weather proof, termite proof & resistance to mild acid/alkali. Rates are to be inclusive of S.S hinges with necessary screws & alluminium S.S finish fixtures & fastenings.	Sqm	976.62

Item Code	Item No.as per NBO	Description	Unit	Rate in Rs. for 2023-24
10042		Providing and fixing window shutter of 75x30 mm size with 4mm fully glazed panels with PVC batten main frame size having 1.5 to 2.0 mm thick fire retardent grade FRP shutter having extra reinforcement on sides & edges in polish finish. The core of the shutter & frame is to be filed up with injected polyurethane foam done in situ alongwith embedded wooden pieces for stiffening & also taking hinges & fintures. The whole FRP frame & shutter is to be water proof weather proof, termite proof & resistance to mild acid/alkali. Rates are to be inclusive of S.S hinges with necessary screws & alluminium S.S fixtures & fastenings & fastener sleeve.	Sqm	2815.47
10043		Providing and fixing 30mm thick FACTORY MADE SOLID PANEL PVC DOOR SHUTTER consisting of frame made out of M.S. tubes of 19 gauge thickness and size of 19mm x 19mm for stiles and 15mm x 15 mm for top and bottom rails. M.S. frame shall have a coat of steel primers of approved make and manufacture, M.S. frame shall be covered with 5 mm thick heat moulded PVC 'C' channel of size 30 x 50 mm forming stiles, and 5mm thick 75mm wide PVC sheets for top rail, lock rail and bottom rail on either side, and 10mm (5mm x 2) thick, 20mm wide cross PVC sheet as gap insert for top rail and bottom rail, Panelling of 5 stiles and rails with 30mm wide x 5mm thick PVC sheet beading on eighter side, and joined together with solvent cement adhesive,. An additional 5mm thick PVC strip of 20mm width is to be stulk on the interior side of the 'c' channel using PVC solvent cement adhesive etc. complete as per direction of Engineer in charge, manufacture's specification and drawing.	sqm	1135.02

Item Code	Item No.as per NBO	Description	Unit	Rate in Rs. for 2023-24
10044		<p>Providing and fixing 30mm thick FACTORY MADE SOLID BOTH SIDE PRELAM PANEL PVC DOOR SHUTTER consisting of frame made out of M.S. tubes of 19 gauge thickness and size of 19mm x 19mm for stiles, top and bottom rails. M.S. frame shall have a coat of steel primer of approved make and manufacturer. M.S frame covered with 5mm thick heat moulded prelam PVC 'C' channel of size 30mm thickness, 70 mm width of which 50mm shall be flat and 20mm shall be tapered in 45 degree Angle on either side forming stiles, and 5mm thick, 95mm wide prelam PVC sheet out of which 75mm shall be flat and 20mm shall be tapered in 45 degree on the inner side of top and bottom rail and 115mm wide prelam PVC sheet out of which 75mm shall be flat and 20mm shall be tapered on both side to form lock rail, Top, bottom and lock rails shall be provided either side of the panel. 10mm (5mm x 2) thick 20mm wide cross PVC sheet shall be provided as gap insert for top rail and bottom rails. Panelling of 5mm thick both side prelam PVC sheet to be fitted in the M.S. frame welded,sealed to the stiles and rails with 7mm (5mm + 2 mm) thick x 15mm wide PVC sheet beading on inner side, and joined together with solvent cement adhesive. An additional 5mm thick PVC strip of 20mm width is to be stuck on the interior side of the 'C' channel using PVC solvent adhesive etc. complete as per direction of Engineering in charge, manufacturer's specification and drawing.</p>	sqm	2214.00
10045		<p>Providing and fixing 30mm thick FACTORY MADE SOLID SINGLE SIDE PRELAM PANEL PVC DOOR SHUTTER consisting of frame made out of M.S. tubes of 19 gauge thickness and size of 19mm x 19mm for stiles, and 15mm x 15mm for top and bottom rails. The M.s. frame shall have coat of steel primers of approved make and manufacturer. The M.S. frame shall be covered with 5mm thick -</p>	sqm	2003.00

Item Code	Item No.as per NBO	Description	Unit	Rate in Rs. for 2023-24
		<p>heat moulded single side prelam PVC 'C' channel of size 30 x 50mm to form stiles and 5mm thick and 75mm wide single side prelam PVC sheets shall be for the top, bottom and lock rails. Paneling of 5mm thick one side prelam sheet to be fitted in the M.S. frame and sealed to the front (Prelam side) stiles and rails (which should have a 5mm 45 degree bent portion as beading) and attached to the back (white/ivory) stiles and rails (which should have a 10mm 90 degree bent portion as beading) using 2 nos. 15mm wide x 5mm thick PVC sheet beading inside the 9 degree bent beading. All stiles, rails and beading to be joined to the panel using solvent cement. An additional 5mm thick PVC strip of 20mm width is to be struck on the interior side of the 'C' channel using PVC solvent adhesive and 10mm thick (5mm x 20) thick 20mm width cross PVC sheet to be fitted as gap insert for top and bottom rails, etc. complete as per direction of Engineer in charge, manufacturer's specification and drawing.</p>		
10046		<p>Providing and fixing 30mm thick FACTOR MADE FULLY GLAZED SOLID PVC DOOR SHUTTER consisting of frame made out of M.S. tube of 19mm gauge thickness and size of 19mm x 19mm for stiles and 15mm x 15mm for top, lock and bottom rails M.S. frame shall have a coat of steel primer of approved make and manufacture, M.S. frame shall be covered with 5mm thick heat moulded PVC 'C' channel of size 75mm x 30mm x 50mm out of which 10mm shall be bent at 90 degree towards inner side on front face of the door forming stiles. For top rail and bottom rail, M.S. frame shall be covered with 5mm thick, 100mm wide PVC sheet out of which 10mm shall be bent of 90 degree towards inner side on front face of the door. M.S. frame-</p>	sqm	2013.00

Item Code	Item No.as per NBO	Description	Unit	Rate in Rs. for 2023-24
		<p>at lock rail shall be covered with 125 mm wide PVC sheet out of which 10mm on both the edges shall be bent at 90 degree on front face of the door and 75mm wide PVC sheet shall cover the M.S. frame at top, lock and bottom rail on side of door, 5mm thick 20mm wide cross PVC sheet as gap insert for top and bottom rail. PVC sheet beading of 15mm thick (5mm x 30, 15mm wide to be stuck, internally with solvent cement adhesive in stiles and rails. Glass panel will be fitted externally in the clear space available between the stiles and rails and fixed between PVC sheet of stiles and rails bent at 90 degree on front face and 15mm x 10mm 'L' shape outer beading nailed on stiles and rails at the back side. So that the 'L' shape PVC beading can be removed when required for replacement of broken glass etc. complete as per direction of Engineer in charge and manufacture's specification.</p>		
10047		<p>Providing and fixing 30mm thick factory made wire guazed solid PVC Door shutter consisting of frame made out of M.S. tubes of 19 gauge thickness and size of 19mm x 19mm for stiles and 15mm x 15mm for top, lock and bottom rails, M.S. frame shall have a coat of steel primers of approved make and manufacture, 19mm x 19mm M.S. square tubes shall be covered with 5mm thick head moulded PVC 'C' channel of size 30mm thickness, 90mm width out of which 75mm shall be flat and 15 mm shall be bent in 90 degree angle on either side forming stiles and 5mm thick 115mm wide PVC sheet out of which 100mm shall be flat and 15mm shall be bent in 90 degree on the inner side to form top and bottom rails and 130mm wide PVC sheet out of which 100mm shall be flat and 15mm shall be -</p>	sqm	1968.00

Item Code	Item No.as per NBO	Description	Unit	Rate in Rs. for 2023-24
		<p>bent in 90 degree on both side to from lock rail 10mm (5mm x 2) thick, 20mm wide cross PVC sheet as gap insert for top rail and bottom rail, panel will be of G.I. wire gauge of 24 gauge to be fitted in by 'C' channel of size 10mm x 35mm on the either side in the stiles.The inner side 'C' channel is fixed by 19mm x 19mm M.S. tube on both side with screws. The wire mesh in top, bottom and lock rail is sealed with 15mm x 15mm tube with G.I.wire, 1mm (5mm x 2) thick PVC strip of 25mm width is to be stuck and screw on both side of G.I. wire guage interior at the top, bottom and lock rails. An additional 5mm thck PVC strip of 20mm width is to be stuck on the interior side of the 'C' channel using PVC solvent cement adhesive etc. complete as per dirction of Engineer in charge, manufacture's specification and drawing.</p>		
10048		<p>Providing and fixing 35mm thick factory made moulded door shuter consisting of solid core single leaf flush door of 30mm thickness, lipped with 15mm (5mm x 3) thick x 30mm width on one stiles and top rail and 10mm (5mm x 2) thick x 30mm width on the other stiles and bottom rails. The inner panel laminated with 2mm thick termite proof, water proof and fire resistant moulded PVC sheet with 2,4,6 raised panel design in different plain and /or prelim colours on one side after routing the moulded design on flush door and 2mm plain and/or prelim PVC sheet on other side using rubber adhesive on flush door and solvent cement adhesive on the PVC liping etc. complete as per direction of Engineer in charge, manufacture's specification and drawing.</p>	sqm	2131.00

Item Code	Item No.as per NBO	Description	Unit	Rate in Rs. for 2023-24
10049		<p>Providing and fixing 30mm thick factory made moulded door shutter wood free consisting of frame made out of M.S. tubes of 19 gauge thickness and size of 25mm x 25mm for stiles, top and bottom rails, M.S. frame shall have a coat of steel primers. The inner panel shall consist of 25mm thick High Density EPS conforming to IS 4671-1984 bonded with 2mm thick termite proof, water proof and fire resistant moulded PVC sheet with 2,4,6 raised panel design in different plain and /or prelim colours after routing the moulded design on one side and 2mm plain and/or prelim PVC sheet on other side of the EPS. The edges of panel to be sealed with lipping of 10mm wide PVC sheet batton (made by sticking 2 PVC rigid foam sheets of 5mm thickness using PVC solvent cement) and stiles 25mm (5mm x 5) thick and 30mm width PVC sheet fitted along M.S. tube for lock provision and for lock height 5mm thick PVC sheet of size 150mm x 100mm fixed with upper and lower face of inner side of EPS panel etc. complete as per direction of Engineer in charge manufacture's specification and drawing.</p>	sqm	1960.00
10050		<p>Providing and fixing factory made polyvinyl chloride (PVC) door frame of the size 50 x 47 mm with a wall thickness of 5mm, made out of extruded 5mm rigid PVC foam sheet, mitre out of two corners and joined with 2nos. of 150mm long brackets of 15 x 15mm M.s. Square tubes. The two vertical door profiles are to be reinforced with 19 x 19 mm m.s. square tube of 19 gauge, EPDM rubber gasket weather seal to be provided through out the frame. The door frame shall be fixed to the wall using 65/100 mm long M.S. screws through the frame by using PVC fasteners. A minimum of 4 nos. of screws to be provided for each vertical members and minimum 2 nos. for horizontal members etc. complete as per manufactures specification and direction of Engineer in charge.</p>	sqm	314.88

Item Code	Item No.as per NBO	Description	Unit	Rate in Rs. for 2023-24
10051		<p>Providing and fixing of fully glazed solid PVC panel PVC door along with solid PVC door frame. 30mm thick FACTORY MADE FULLY GLAZED SOLID PVC DOOR SHUTTER consisting of frame made out of M.S. tube of 19 gauge thickness and size of 19mm x 19mm for style and 15mm x 15mm for top, lock and bottom rail. M.S. frame shall have a coat of steel primer of approved make and manufacture. M.S. frame shall be covered with 5 mm thick heat moulded PVC 'C' channel of size 75mm x 30mm x 50mm out of which 10mm shall be bent at 90 degree towards inner side on front face of the door. M.S. frame at lock rail shall be covered with 125 mm wide PVC sheet out of which 0mm on both the edges shall be bent at 90 degree on front face of the door and 7mm wide PVC sheet shall cover the M.S. frame at top, lock and bottom rail on back side of door, 5 mm thick 20mm wide cross PVC sheet as gap insert for top and bottom rail. PVC sheet beading of 15mm thick (5mm x3) 15mm wide to be stuck internally with solvent cement adhesive in stiles and rails. Glass panel will be fitted externally in the clear space available between the stiles and rails and fixed between PVC sheet of stiles and rails bent at 90 degree on front face and 15mm x 10mm 'L' shape outer beading nailed on stiles and rails at the back side. So that the 'L' shape PVC beading can be removed when required for replacement of broken glass etc. complete as per direction of Engineer in charge and manufacture's specification</p>	sqm	1880.67
10052		<p>Providing and fixing complete sliding shutter solid PVC window 25mm thick factory made glazed solid PVC window shutter consisting of frame made out of M.S. tube of 19 gauge of size 15 x 15mm for styles top, bottom rail. M.S. frame shall have a coat of steel primer of approved make and manufacture, M.S. frame shall be covered with 4mm thick heat moulded PVC 'C' channel of size 58mm x 25mm x 38-</p>	sqm	2576.85

Item Code	Item No.as per NBO	Description	Unit	Rate in Rs. for 2023-24
		<p>mm out of which 8mm shall be bent at 90 degree towards inner side on front face of the window shutter forming stiles. For top rail and bottom rails, M&gt;S. frame shall be covered with 4mm thick, 58mm wide PVC sheet out of which 8mm shall be bent at 90 degree towards inner side on front face and 38mm wide PVC sheet shall cover the M.S. frame at top and bottom rail on back side of window shutter, 4mm thick 15mm wide cross PVC sheet as gap insert for top and bottom rail. PVC sheet beading of 8mm thick (4mm x 2) to be stuck internally with solvent cement adhesive in top and bottom rails. Glass panel will be fitted externally in the clear space available between stiles &amp; rails and fixed between PVC sheet of stiles and rails bent at 90 degree on front face 12mm x 123mm 'L' shape outer PVC beading nailed on stiles and rails at the back side so that 'L' shape outer PVC beading can be removed when required for replacement of broken glass etc. complete as per direction of etc. complete as per direction of Engineer in charge and manufacture's specification.</p>		
10053		<p>Providing and fixing Plain/Printed PVC sheet wall paneling of thickness 5mm consisting of panels having size 1220 mm x 2440 mm stuck on inner frame work of 50mm wide strips of 5mm thick PVC sheet. The strips should have in their center a groove of 6mm width and 1mm depth for sinking the head of the screw used to fix the strips to the wall and should be placed vertically at equal intervals of 10" center to center. The PVC strips shall be fixed to the wall using 65mm long M.s. screws through the groove in the strip by using PVC fasteners. The distance between two screws shall not be more than 200 A groove of 2mm may be left at the joint of two panel for aesthetic looks. The exact size of the panel and correspondingly of the grid may vary depending on the size of the wall.</p>	sqm	845.00

Item Code	Item No.as per NBO	Description	Unit	Rate in Rs. for 2023-24
10054		<p>Providing and fixing Prelam PVC sheet wall paneling of thickness 5mm consisting of panels having size 1220 x 2440 mm stuck on inner frame work of 50mm wide strips of 5mm thick PVC sheet. The strips should have in their center a groove of 6mm width and 1mm depth for sinking the head of the screw using to fix the strips of the wall and should be placed vertically at equal intervals of 10" center to center. The PVC strips shall be fixed to the wall using 65mm long M.S. screws through the groove in the strip by using PVC fasteners. The distance between two screws shall not be more than 200 mm. A groove of 2mm may be left at the joint of two panels for aesthetic looks. The exact size of the panel and correspondingly of the grid may vary depending on the size of the wall.</p>	sqm	944.00
10055		<p>Providing and fixing full height Prelam PVC partition system 50mm thick consisting of 40mm sandwich PVC panel made out of 36mm high density expanded polystyrene sheet (E.P.S. Thermocol) stuck on both sides with 2mm thick preliminary PVC sheet reinforced with frame work made from 35mm x 5mm M.S. angle. In between two M.S. angles 4 mm with feathered edges shall be fixed on floor and 50 x 75 mm with feathered edges preliminary PVC "C" channel of size 50mm x 75mm with feathered edges preliminary PVC panel shall be inserted in the PVC "C" channel. The first and last M.S. angle should be erected such that it is inside a PVC C channel of size 50 x 75mm. In between adjoining EPS sandwiched PVC partition panel 4mm thick x 75 mm width preliminary PVC sheet feathered at edges shall be stuck on front and back face using solvent cement etc. An additional 4mm thick PVC strip of 40mm width is to be stuck on the interior side of the "C" channel using PVC solvent adhesive complete as per direction of Engineer in charge. Manufacturer's specification and drawing.</p>	sqm	2152.00

Item Code	Item No.as per NBO	Description	Unit	Rate in Rs. for 2023-24
10056		<p>Providing and fixing full height Plan/colour PVC partition system 50mm thick consisting of 40mm sandwich PVC panel made out of 36mm high density expanded polystyrene sheet (E.P.S. Thermocol) stuck on both side with 2mm thick plain PVC sheet reinforced with frame work made from 35mm x 5mm M.S. angle. In between two M.S. angles 4 mm thick plan heat moulded PVC 'C' channel of size 50mm x 100 mm with feathered edes shall be fixed on floor and 50 x 75 mm with feathered edges plain/printed/prelim PVC 'C' channel shall be fixed in the ceiling. Sandwich PVC panel shall be inserted in the PVC "c" channel. The first and last M.S. angle should be erected such that it is inside a PVC C channel of size 50 x 75mm. In between adjoining EPS sandwiched PVC partition panel 4mm thick x 75mm width plain PVC sheet feathered at edges shall be stuck on front and back face using solvent cement etc. And additional 4mm thick PVC strip of 40mm width is to be stuck on the interior side of the C channel using PVC solvent adhesive complete as per direction of Engineer in charge, manufacture's specification and drawing.</p>	sqm	1783.00

Item Code	Item No.as per NBO	Description	Unit	Rate in Rs. for 2023-24
10057		<p>Providing and fixing full height Printed PVC partition system 50mm thick PVC partition consisting of 40mm sandwich PVC panel made out of 36mm high density expanded polystyred shet (EPS Thermocol) stuck on the both side with 2mm thick printed PVC sheet reinforced with frame work made from 35mm x 5mm M.S. angle. IN between two M.S. angles 4mm thick printed heat moulded PVC C channel of size 50mm x 100mm with feathered, edges shall be fixed on floor and 50 x 75 mm with feathered edges printed PVC C channel shall be fixed in the ceiling, Sandwich PVC panel shall be inserted in the PVC C channel. The first and last M.S. angle should be erected such that it is inside a PVC C channel of size 50 x 75mm In between adjoining EP sandwiched PVC partition panel 4mm thick x 75mm width printed PVC sheet feathered at edges shall be suck on front and back face using solvent cement. If the height of partition exceeds 8 feet; then 15mm x 30mm M.S. tube is welded horizontally at the joint of panels in between two vertical angels etc. An additional 4mm thick PVC strip of 40mm width is to be stuck on the interior side of the C channel using PVC solvent adhesive complete as per direction of Engineer in charge, manufactures.</p>	sqm	1902.00
10058		<p>Providing and fixing PVC plain colour false ceiling with grid type with alu frame consisting of 600 mm x 600mm 3mm thick plain PVC sheet used as panel insert in a frame work made using anodized alluminium T section of size 1" x 1" (25 x 25mm, 19 gauge or 1mm thick) in square pattern of grid sizes of 2 x 2 (600 x 600mm). The alluminium frame work is supported from the ceiling with the help of G.I. hook and G.I. wire/6mm M.S. rods of required sizes to maintain proper level etc. The aluminium frame work is supported on side wall with the use of alluminium L section of size 1 x 1 (25 x 25mm) angles et. Complete as per direction of Engineer in charge. Manufactures, specification and drawing</p>	sqm	300.12

Item Code	Item No.as per NBO	Description	Unit	Rate in Rs. for 2023-24
10059		Providing and fixing PVC Printed pain colour false ceiling with grid type with alluminium frame consisting of 600mm x 600mm 3mm thick plain PVC sheet used as panel insert in a frame work made using anodized alluminium T section of size 1 x 1 (235 x 25mm, 19 gauge or 1 mm thick) in square pattern of grid sizes of 2 x 2 (600 x 600mm) The alluminium frame work is supported from the cceiling with the help of G.I. hook and G.I. wire/6mm M.S. rods of required sizes to maintain proper level etc. The aluminium frame work is supported on side wall with the use of alluminium L section of size 1 x 1 (25 x 25mm) angles etc. complete as per direction of Engineer in charge. Manufactures specification and drawing.	sqm	766.00
10060		Providing and fixing PVC plain colour false ceiling with flush type with alluminium frame, frame work is done with three different sections of G.I. sheet of 24 gauge thickness named as C, U and L. The C section is fixed with hangers at an equal distance of 36" each and then U section is fixed perpendicular on C section with steel screws at an equal distance of 16" each. The complete frame work is supported by G.I. L angle 6mm rod hangers from the roof and L sections is fixed all around the wall as shown in the diagram. 5mm PVC sheet strips of size 2 wide and fixed with counter sunk steel screw on the U section. Further 3mm PVC sheet is stuck to these PVC strips with solvent cement such that joining lines are perfectly matched. P.U. putty is filled, ceiling for getting fine surface finish etc. complete as per direction of Engineer in charge, manufacturer's specification and drawing.	sqm	349.07

Item Code	Item No.as per NBO	Description	Unit	Rate in Rs. for 2023-24
10061		Providing and fixing PVC printed false ceiling with flush type with alluminium frame, frame work is done with three different sections of G.I. sheet of 24 gauge thickness named as C, U and L. The C section is fixed with hangers at an equal distance of 36" each and then U section is fixed perpendicular on C section with steel screws at and equal distance of 16" each. The complete frame work is supported by G.I. L angle/6 mm rod hangers from the roof and L sections is fixed all around the wall as shown in the diagram. 5mm PVC sheet strips of size 2 wide are fixd with counter sunk steel screws on the U section. Further 3mm PVC sheet is stuck to these PVC strips with solvent cement such that joining lines are perfectly matched. P.U. putty is filled, dried and leveled and requisite coats of primer and paint is done on the ceiling for getting fine surface finish etc. complete as per direction of Engineering and charge manufacturer's specification and drawing	sqm	902.00
10062		Extra rate for using polyester fiber (12mm) with triangular of equivalent cross section with specific gravity 1.35 to 1.40 (as a secondary reinforcement) in concrete of any grade at the rate of 125 gms per 50 kg of Cement consumption.	cket of 125	26.00
10063		Extra rate for using polyester fiber (6mm) with triangular cross of equivalent section with specific gravity 1.35 to 1.40 (as a secondary reinforcement) in mortar of any grade at the rate of 125 gms per 50 kg of cement consumption.	cket of 125	26.00
10064A		Providing fusion bonded Epoxy coating not less than 175 micron thickness and up to 300 micron to reinforcement bars as per IS-13620-1993/ASTM-775 M including testing of coating at plant and all taxes (A) 10mm to 16mm dia bar	M.T	10062.00
10064B		Providing fusion bonded Epoxy coating not less than 175 micron thickness and up to 300 micron to reinforcement bars as per IS-13620-1993/ASTM-775 M including testing of coating at plant and all taxes (B) 20mm to 32 mm dia bar	M.T	7224.00

Item Code	Item No.as per NBO	Description	Unit	Rate in Rs. for 2023-24
<b>CHAPTER- 11 STEEL ALUMINUM &amp; IRON WORK</b>				
11001AA	11.2	Steel work, riveted in built up sections framed work including cutting, hoisting, fixing in position and applying a priming coat of red lead paint. (A) In beams and joists, channels angles Tees, flats, with connecting plates or angle cleats as in main and cross beams. Hip and jack rafters, purlins conneted to common rafters and the like.	q	5761.04
11001DA	11.2	Steel work, riveted in built up sections framed work including cutting, hoisting, fixing in position and applying a priming coat of red lead paint. (D) In trusses and trussed purlins, upto 25 M. span and 15 M ovarall height.	q	6529.86
11002AA	11.4	Steel work, welded in built up sections framed work including cutting, hoisting, fixing in position and applying a priming coat of red lead paint. (A)In beams and joists, channels angles Tees, flats, with connecting plates or angle cleats as in main and cross beams. Hip and jack rafters, purlins conneted to common rafters and the like	q	8330.18
11002DA	11.4	Steel work, welded in built up sections framed work including cutting, hoisting, fixing in position and applying a priming coat of red lead paint. (D) In trusses and trussed purlins, upto 25 M. span and 15 M. ovarall height.	q	8386.88
11003A	11.6	Providing and fixing in position collapsible steel shutters with vertical channels 20 x 10 x 2 mm braced with flat iron diagonals 20 x 5 mm size with top and bottom rails of T_rin 40x 40 x 6 mm with 38mm dia, steel pulleys complete with bolts, nuts, locking arrangements, stoppers handles including applying a priming coat of red lead paint.	Smt.	5391.23
11004A	11.7	Providing and fixing 1mm thick M.S. sheet sliding shutters with frame and diagonal braces of 40 x 40 x 6 mm angle iron, 3.15 mm M.S. gusset plates at Junctions and corners 25 mm dia. pulley, 40 x 40 x 6mm angle and T-iron guide rail at top and bottom respectively with handles, stoppers and locking agangement etc, including applying a priming coat of red lead paint.	Sqm	3652.12

Item Code	Item No.as per NBO	Description	Unit	Rate in Rs. for 2023-24
11005A	0	Providing and fixing rolling shutters of approved make made of 80 mm wide M.S. laths inter-locked together through their entire length and jointed together at the ends by end locks mounted on specially designed pipe shaft with bracket plates, guide channels and arrangements for inside and outside locking with push-pull operation including the cost of hood cover and spring etc. complete.(A) Shutters having width below 3.5 M.	Sqm	3468.72
11005B	0	Providing and fixing rolling shutters of approved make made of 80 mm wide M.S. laths inter-locked together through their entire length and jointed together at the ends by end locks mounted on specially designed pipe shaft with bracket plates, guide channels and arrangements for inside and outside locking with push-pull operation including the cost of hood cover and spring etc. complete. (B) Shutters having width 3.5 M. and above	Sqm	4450.51
11006A	11.9	Providing and fixing rolling shutters of approved make made of 80 mm wide M.S. laths inter-locked together through their entire length and jointed together at the ends by end locks mounted on specially designed pipe shaft with bracket plates, guide channels and arrangements for inside and outside locking with push-pull operation complete but excluding the cost of hood cover and spring. (A) Shutters having width below 3.5.M.	Sqm	2718.41
11006B	11.9	Providing and fixing rolling shutters of approved make made of 80 mm wide M.S. laths inter-locked together through their entire length and jointed together at the ends by end locks mounted on specially designed pipe shaft with bracket plates, guide channels and arrangements for inside and outside locking with push-pull operation complete but excluding the cost of hood cover and spring. (B) Shutters having width above 3.5 M.	Sqm	3696.58
11007	11.1	Providing and fixing 27.5 cm. long wire spring grade No.2 of approved make for rolling shutters.	Each	630.91
11008A	11.11	Providing and fixing Hood cover for rolling shutters (A) Shutters having width below 3.5 meters	Rmt	120.03

Item Code	Item No.as per NBO	Description	Unit	Rate in Rs. for 2023-24
11008B	11.11	Providing and fixing Hood cover for rolling shutters (B) Shutters having width 3.5 meters and above	Rmt	125.47
11009	11.14	Fixing standard steel Doors, windows and ventilatos inwalls with 16 x 3.15 mm longs 10 cm. long embedded in Cement Concrete block 15 x 10 x 10 of 1:3:6 (1- Cement : 3-coarse sand : 6-graded stone aggregate of 20mm size ) cost for supply of door/ window/ ventilators shall be paid separately.	Sqm	236.25
11010	11.2	Providing and fixing M.S. Fan clamps type 1 to 16mm dia M.S. bar bent to shape with hooked ends to R.C.C. slabs curing, laying including painting the exposed portion of loops, all as per standard design complete.	Each	124.74
11011	11.21	Extra over rate of item 20 for providing and fixing M.S. fan clamps type-II as per standard design in R.C.C. beams during laying towards additional height of the clamp due to beam rib.	Cm Height	1.43
11012	11.23	Providing and fixing M.S. round holding down or anchor bolts with nuts and washer plates complete.	Kg	54.17
11013	0	Providing and fixing EZ-7 section door/window frame including welding and fixtures fastenings including 3 coats of approved enamel oil paint etc complete.	Sqm	721.35
11026		Providing and fixing window having extruded aluminum Colour anodized section frame main outer size 127mm x 38.10mm x 1.35mm @wt. 1.384kg/m, horizontal Four track member size 122.20mm x 31.75mm x 1.10mm@ wt 1.205 kg/m, vertical member of size 122.20mm x 31.75mm x 1.50mm @1.398 kg/mt with sliding shutters of horizontal member size 40mm x 18mm x 1.29mm@ 0.456kg/mt ,vertical member of size 40mm x 18mm x 1.29mm @ 0.456 kg/mt with 5 mm thick transparent bronze colour tinted float glass with powder coated aluminum fittings and fixtures and transparent silicon sealant glass fixing to frame as per details etc complete for window.	Sqm	2119.14

Item Code	Item No.as per NBO	Description	Unit	Rate in Rs. for 2023-24
11027		Providing and fixing window having extruded aluminum Colour anodized section frame main outer size 95mm x 24mm x 1.17mm @ wt.of 0.738 Kg/mt , horizontal Three track member size 92mm x 31.75mm x 1.30mm,@ Wt.1.07 Kg/mt , vertical member of size 92mm x 31.75mm x 1.50mm @ Wt. 1.06 Kg/mt with sliding shutters of horizontal member size 40 mmx18mm x1.29mm @ wt.of 0.456 Kg/mt, vertical member of size 40mm x 18mm x 1.29 mm @ wt.of 0.456Kg/mt/ with 5 mm thick transparent bronze colour tinted float glass with powder coated aluminum fittings and fixtures and transparent silicon sealant glass fixing to frame as per details etc	Sqm	1568.27
11028		Providing and fixing window having extruded aluminum Colour anodized section frame main outer size 63.50 x 38.10 x 1.95 mm,@ Wt 1.094 Kg / Rmt, horizontal two track member size 61.85 mm x 31.75 mm x 1.20mm @ wt.of 0.695 Kg/mt, vertical member of size 61.85 mm x 31.75mm x 1.30 mm @ wt.of 0.659 Kg/mt with sliding shutters of horizontal member size 40mm x 18mm x 1.29mm @ wt.of 0.456Kg/mt, vertical member of size 40mm x 18mm x 1.29mm @ wt.of 0.456Kg/mt, @ Wt. 0.457 Kg/mt with 5 mm thick transparent bronze colour tinted float glass with powder coated aluminum fittings and fixtures and transparent silicon sealant glass fixing to frame as per details etc complete for window.	Sqm	1696.73
11029		Providing and fixing standared extruded of alluminium section of size 63.50 x 38.10 x 1.95 mm @ Wt 1.094Kg / Rmt with colour anodized alluminium frame with 5 mm thick transparent bronze colour tinted float glass with colour anodized alluminium frame for ventilation with 5 mm thick frosted glass as details etc complete for window	Sqm	1288.93
11030		Providing and fixing standared extruded of alluminium section of size 63mm x 38.10mm x 1.2mm @ Wt. 0.643 Kg/mt with colour anodized alluminium frame for ventilation with 5 mm thick frosted glass as details etc complete for Ventilation	Sqm	1163.92

Item Code	Item No.as per NBO	Description	Unit	Rate in Rs. for 2023-24
11031		Providing and fixing standared extruded of alluminium section of size 63.50 x 38.10 x 1.95 mm,@ Wt 1.094Kg / Rmt with colour anodized alluminium frame with 5 mm thick transparent bronze colour tinted float glass as details etc complete for Fix window.	Sqm	1509.90
11032		Providing and fixing extruded aluminum window having extruded aluminum Colour Powder Coated section frame main outer size 127mm x 38.10mm x 1.35mm ,@ Wt.1.384 Kg/mt,horizontal Four track member size 122.20mm x 31.75mm x 1.10mm @ Wt. 1.205 Kg/mt,vertical member of size 122.20mm x 31.75mm x 1.50mm ,@ Wt. 1.398 Kg/mt with sliding shutters of horizontal member size 40mm x 18mm x 1.29mm @ wt.of 0.456Kg/mt,vertical member of size 40mm x 18mm x 1.29mm @ wt.of 0.456Kg/mt,@ with 5 mm thick transparent bronze colour tinted float glass with powder coated aluminum fittings and fixtures and transparent silicon sealant glass fixing to frame as per details etc complete for window.	Sqm	2119.14
11033		Providing and fixing window having extruded aluminum Colour Powder Coated section frame main outer size 95mm x 24mm x 1.17mm @ wt.of 0.738 Kg/mt, horizontal Three track member size 92mm x 31.75mm x 1.30mm @ Wt.1.07 Kg/mt, vertical member of size 92mm x 31.75mm x 1.50mm ,@ Wt. 1.06 Kg/mt with sliding shutters of horizontal member size 40 mmx18mm x1.29mm @ wt.of 0.456 Kg/mt, vertical member of size 40mm x 18mm x 1.29 mm @ wt.of 0.456Kg/mt with 5 mm thick transparent bronze colour tinted float glass with powder coated aluminum fittings and fixtures and transparent silicon sealant glass fixing to frame as per details etc	Sqm	1576.11

Item Code	Item No.as per NBO	Description	Unit	Rate in Rs. for 2023-24
11034		Providing and fixing window having extruded aluminum Colour Powder Coated section frame main outer size 63.50 x 38.10 x 1.95 mm,@ Wt 1.094 Kg / Rmt, horizontal two track member size 61.85 mm x 31.75 mm x 1.20mm @ wt.of 0.695 Kg/mt, vertical member of size 61.85 mm x 31.75mm x 1.30 mm @ wt.of 0.0.659 Kg/mt with sliding shutters of horizontal member size 40mm x 18mm x 1.29mm @ wt.of 0.456Kg/mt, vertical member of size 40mm x 18mm x 1.29mm @ wt.of 0.456Kg/mt with 5 mm thick transparent bronze colour tinted float glass with powder coated aluminum fittings and fixtures and transparent silicon sealant glass fixing to frame as per details etc complete for window	Sqm	1688.78
11035		Providing and fixing standared extruded of alluminium section of size 63.50 x 38.10 x 1.95 mm @ Wt 1.094Kg / Rmt with colour Powder Coated alluminium frame with 5 mm thick transparent bronze colour tinted float glass with colour anodized alluminium frame for ventilation with 5 mm thick frosted glass as details etc complete for window	Sqm	1278.03
11036		Providing and fixing standared extruded of alluminium section of size 63mm x 38.10mm x 1.2mm , @ Wt. 0.643 Kg/mt with colour Powder Coated alluminium frame for ventilation with 5 mm thick frosted glass as details etc complete for Ventilation	Sqm	1163.92
11037		Providing and fixing standared extruded of alluminium section of size 63.50 x 38.10 x 1.95 mm,@ Wt 1.094Kg / Rmt with colour Powder Coated alluminium frame with 5 mm thick transparent bronze colour tinted float glass as details etc complete for Fix window.	Sqm	1815.14

Item Code	Item No.as per NBO	Description	Unit	Rate in Rs. for 2023-24
<b>CHAPTER- 12 BUILDING HARDWARE</b>				
12001	12.4	Fixing Metallic tower bolts of sizes with necessary screws etc. complete (Tower bolts and screws to be paid under separate items)	Each	50.40
12002	12.5	Fixing Metallic flush bolts of sizes with necessary screws etc. complete (Flush bolts and screws to be paid under separate items)	Each	10.08
12003	12.3	Fixing metallic or plastic door handles of sizes with necessary screws etc. complete (Door handles and screws to be paid under separate items)	Each	3.63
12004	12.1	Fixing metallic gate and shutter hooks and eyes of size (Hoks and eyes to be paid under separate items)	Each	3.63
12005	11.11	Fixing metallic door latches of sizes with necessary screws etc. complete (Door latches and screws to be paid under separate items)	Each	6.62
12006	12.12	Fixing metallic mortice night latches with necessary screws including making necessary holes in wooden door shutter etc. complete (Mortice night latches and screw to be paid under separate items)	Each	94.50
12007	12.18	Fixing metallic ball catchers 10mm dia. (Ball catchers to be paid under separate item)	Each	7.73
12008	12.2	Fixing metallic casement window fasteners with necessary screws etc. complete (casement window fasteners and screws to be paid under separate items)	Each	5.99
12009	12.21	Fixing metallic casement stays of size with necessary screws etc. complete (casement stays and screws to be paid under separate items)	Each	5.99
12010	12.24	Fixing metallic cup board or wardrobe locks of sizes with necessary screws etc.complete (Locks and screws to be paid separately)	Each	57.33
12011	12.25	Fixing metallic or plastic cupboard or handrobe knobs of sizes with necessary screws/ bolts etc. complete (knobs and screws / bolts to be paid separately)	Each	7.73
12012	12.26	Fixing metallic floor door stoppers of sizes with rubber cushion screws etc. to suit shutter thickness complete (Floor door stopper with rubber cushion and screws to be paid under separate items)	Each	4.26

Item Code	Item No.as per NBO	Description	Unit	Rate in Rs. for 2023-24
12013	12.28	Fixing metallic door handles or knobs for mortice locks with necessary screws etc. complete (Door handles /knobs and screws to be paid spearately)	Each	3.63

Item Code	Item No.as per NBO	Description	Unit	Rate in Rs. for 2023-24
<b>CHAPTER- 13 GLAZING</b>				
13001A	13.1	Providing and fixing sheet glass, selected quality (Type-C) bedded in putty and fixed with wooden beading including the cost of wooden beadings of first class teakwood and necessary cutting of glass. (1) 5 mm thick.	Sqm	1143.05
13001B	13.1	Providing and fixing sheet glass, selected quality (Type-C) bedded in putty and fixed with wooden beading including the cost of wooden beadings of first class teakwood and necessary cutting of glass. (2) 6 mm thick.	Sqm	1176.10
13002	13.3	Providing and fixing rough cast wired glass, 6mm thick bedded in putty and fixed with wooden beading including the cost of wooden beadings of Indian teak wood and necessary cutting of glass. (C) Wired - figured glass	Sqm	559.26
13003A	13.5	Providing and fixing sheet glass ordinary quality bedded in putty and fixed with wooden beadings including the cost of wooden beadings of first-class teak wood and necessary cutting of glass. (3) 3mm thick	Sqm	1080.45
13003B	13.5	Providing and fixing sheet glass ordinary quality bedded in putty and fixed with wooden beadings including the cost of wooden beadings of first-class teak wood and necessary cutting of glass. (4) 4mm thick	Sqm	1100.93
13004	13.7	Extra for using ground glass (frosted or obscured on one side) instead of plain glass.	Sqm	37.91
13005	13.11	Deduct for difference in cost of materials and labour involved in method of glazing if changed in item No. 13 (A) Front and back puttied and sprigged or fixed with glazing pins	Sqm	452.03
13006	13.12	Grinding, Polishing and rounding of edges of glass or glazing sheets.	Rmt	20.67

Item Code	Item No.as per NBO	Description	Unit	Rate in Rs. for 2023-24
<b>CHAPTER- 14 PAVING &amp; FLOOR FINISHES</b>				
14001AA	14.2	Providing and laying 40mm thick marble chips flooring rubbed and polished (I.E. terrazo) to granolithic finish with under layer 30mm thick cement concrete 1:2:4 (1-Cement:2-coarse sand :4-graded stone aggregate 10 mm and down gauge) and top layer 10mm thick with white, black or white and blak marble cihps of required sizes from 1mm to 4mm nominal size laid in cement marble powder mix 3:1 (3-Cement : 1-Marble powder by weight) in proportion of 4:7 (4-Cement :7-marble chips by volume) (A) Dark shade pigment with ordinary cement (In top layer only)	Sqm	749.70
14001BA	14.2	Providing and laying 40mm thick marble chips flooring rubbed and polished (I.E. terrazo) to granolithic finish with under layer 30mm thick cement concrete 1:2:4 (1-Cement:2-coarse sand :4-graded stone aggregate 10 mm and down gauge) and top layer 10mm thick with white, black or white and blak marble cihps of required sizes from 1mm to 4mm nominal size laid in cement marble powder mix 3:1 (3-Cement : 1-Marble powder by weight) in proportion of 4:7 (4-Cement :7-marble chips by volume) (B) Light shade pigment with white cement (In top layer only)	Sqm	869.40
14001CA	14.2	Providing and laying 40mm thick marble chips flooring rubbed and polished (I.E. terrazo) to granolithic finish with under layer 30mm thick cement concrete 1:2:4 (1-Cement:2-coarse sand :4-graded stone aggregate 10 mm and down gauge) and top layer 10mm thick with white, black or white and blak marble cihps of required sizes from 1mm to 4mm nominal size laid in cement marble powder mix 3:1 (3-Cement : 1-Marble powder by weight) in proportion of 4:7 (4-Cement :7-marble chips by volume) (C) Medium Shade pigment with approx 50% white cement and 50% ordinary cement (In top layer only)	Sqm	811.13

Item Code	Item No.as per NBO	Description	Unit	Rate in Rs. for 2023-24
14001DA	14.2	Providing and laying 40mm thick marble chips flooring rubbed and polished (I.E. terrazo) to granolithic finish with under layer 30mm thick cement concrete 1:2:4 (1-Cement:2-coarse sand :4-graded stone aggregate 10 mm and down gauge) and top layer 10mm thick with white, black or white and blak marble cihps of required sizes from 1mm to 4mm nominal size laid in cement marble powder mix 3:1 (3-Cement : 1-Marble powder by weight) in proportion of 4:7 (4-Cement :7-marble chips by volume) (D) White cement without any pigment (In top layer only)	Sqm	809.55
14001EA	14.2	Providing and laying 40mm thick marble chips flooring rubbed and polished (I.E. terrazo) to granolithic finish with under layer 30mm thick cement concrete 1:2:4 (1-Cement:2-coarse sand :4-graded stone aggregate 10 mm and down gauge) and top layer 10mm thick with white, black or white and blak marble cihps of required sizes from 1mm to 4mm nominal size laid in cement marble powder mix 3:1 (3-Cement : 1-Marble powder by weight) in proportion of 4:7 (4-Cement :7-marble chips by volume) (E) Light Shade pigment with ordinary cement (In top layer only.)	Sqm	752.85
14002AA	14.4	Providing and laying marble chips skirting (Terrazo) or dedo rubbed, and polished to Granolithic finish top layer 6mm thick with white,black or white and black marble chips of size from smallest to 4mm nominal size laid in cement marble powder mix 3:1 (3- Cement : 1 marble powder by weight) in proportion of 4:7 (4-cement marble powder mix : 7-marble chips by volume) 20mm thick with under layer 14mm thick cement plaster 1:3 (1-cement : 3-coarse sand) (A) Dark shade pigment with ordinary cement (In top layer only)	Sqm	598.50

Item Code	Item No.as per NBO	Description	Unit	Rate in Rs. for 2023-24
14002BA	14.4	Providing and laying marble chips skirting (Terrazo) or dedo rubbed, and polished to Granolithic finish top layer 6mm white,black or white and black marble chips of size from smallest to 4mm nominal size laid in cement marble powder mix 3:1 (3- Cement : 1 marble powder by weight ) in proportion of 4:7 (4-cement marble powder mix : 7-marble chips by volume) 20mm thick with under 14mm thick layer cement plaster 1:3 (1-cement : 3-coarse sand) (B) Light shade pigment with white cement (In top layer only)	Sqm	675.68
14002CA	14.4	Providing and laying marble chips skirting (Terrazo) or dedo rubbed, and polished to Granolithic finish top layer 6mm white,black or white and black marble chips of size from smallest to 4mm nominal size laid in cement marble powder mix 3:1 (3- Cement : 1 marble powder by weight) in proportion of 4:7 (4-cement marble powder mix : 7-marble chips by volume) 20mm thick with under 14mm thick layer cement plaster 1:3 (1-cement : 3-coarse sand) (C) Medium shade pigment with approx 50% white cement and 50% ordinary cement (In top layer only)	Sqm	637.88
14002DA	14.4	Providing and laying marble chips skirting (Terrazo) or dedo rubbed, and polished to Granolithic finish top layer 6mm white,black or white and black marble chips of size from smallest to 4mm nominal size laid in cement marble powder mix 3:1 (3-Cement : 1 marble powder by weight) in proportion of 4:7 (4-cement marble powder mix : 7-marble chips by volume) 20mm thick with under 14 mm thick layer cement plaster 1:3 (1-cement : 3-coarse sand) (D) White cement without any pigment (In top layer only)	Sqm	647.33

Item Code	Item No.as per NBO	Description	Unit	Rate in Rs. for 2023-24
14002EA	14.4	Providing and laying marble chips skirting (Terrazo) or dedo rubbed, and polished to Granolithic finish top layer 6mm white,black or white and black marble chips of size from smallest to 4mm nominal size laid in cement marble powder mix 3:1 (3- Cement : 1 marble powder of 4:7 (4-cement marble powder mix : 7-marble chips by volume) 20mm thick with under plaster 1:3 (1-cement : 3-coarse sand) (E) Light shade pigment with ordinary cement(In top layer only)	Sqm	600.08
14003AA	14.16	Providing and laying cushioning layer on R.C.C. Slab consisting of 75mm thick lime, concrete using brick aggregate of 20mm nominal size mortar comprising of 1-Lime : 2- fine sand)	Sqm	234.68
14003BA	0	Precast terrzo tiles 22mm thick with white, Black or white and black marble chips of sizes upto 6mm, laid in floors, treads of steps and landings on a bed of 25mm average thickness of lime mortar 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 (1) Light shades using white cement	Sqm	623.67
14003CA	0	Precast terrzo tiles 22mm thick with white Black or white and black marble chips of sizes upto 6mm laid in floors, treads of steps and landings on a bed of 25mm average thickness of lime mortar 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 (1) Dark shades using ordinary cement	Sqm	624.52
14003DA	0	Precast terrzo tiles 27 to 28mm thick with white Black or white and black marble chips of sizes upto 6mm laid in floors, treads of steps and landings on a bed of 25mm average thickness of lime mortar 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 (1) Light shades using white cement	Sqm	591.16

Item Code	Item No.as per NBO	Description	Unit	Rate in Rs. for 2023-24
14003EA	0	Precast terrazo tiles 27 to 28mm thick with white Black or white and black marble chips of sizes upto 6mm laid in floors, treads of steps and landings on a bed of 25mm average thickness of lime mortar 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 (2) Dark shades using ordinary cement	Sqm	591.99
14004AA	14.19	Providing and laying precast terrazo tile 20mm thick white,black, white and black (or of the colour specified in specification of tender item) marble chips of sizes upto 6mm laid in floors, treads of steps and landings on a bed of 25mm average thickness of Lime mortar 1:1.5(1-Lime putty : 1.5 coarse sand) or C.M. 1:6 (1:cement :6 - coarse sand) 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 shades using white cement	Sqm	623.67
14004BA	14.19	Providing and laying precast terrazo tile 20mm thick white and black (or of the colour specified in specification of tender item) marble chips of sizes upto 6mm laid in floors, treads of steps and landings on a bed of 25mm average thickness of Lime mortar 1:1.5(1-Lime putty : 1.5 sand) or 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.(B) Medium shades using approx. 50% white cement and 50% ordinary cement	Sqm	679.34
14004CA	14.19	Providing and laying precast terrazo tile 20mm thick white,black,white and black (or of the colour specified in specification of tender item) marble chips of sizes upto 6mm laid in floors, treads of steps and landings on a bed of 25mm average thickness of Lime mortar 1:1.5(1-Lime putty : 1.5 coarse sand) or C.M. 1:6(:1 - cement :6 - coarse sand) jointed with neat cement slurry mixed with pigment to match the shade of tiles including rubbing and polishing complete with precast tiles of. (B) Dark shades using ordinary cement	Sqm	605.34

Item Code	Item No.as per NBO	Description	Unit	Rate in Rs. for 2023-24
14005AA	14.21	Providing and laying precast terrazo tiles 20mm thick with marble chips of sizes. upto 6mm in skirting and risers of steps not exceedings 30 cms. in height on 10mm thick cement plaster 1:3 (1-cement : 3-coarse sand ) jointed with neat cement slurry including rubbing and polishing complete with tiles of. (A) Light shades using white cement	Sqm	742.32
14005BA	14.21	Providing laying precast terrazo tiles 20mm thick with marble chips of sizes. upto 6mm in skirting and risers of steps not exceedings 30 cms. in hieght on 10mm thick cement plaster 1:3 (1-cement : 3-coarse sand ) jointed with neat cement slurry including rubbing and polishing complete with tiles of. (B) Medium Shades using approx. 50% white Cement and 50% ordinary cement	Sqm	817.17
14005CA	14.21	Providing and laying precast terrazo tiles 20mm thick with marble chips of sizes. upto 6mm in skirting and risers of steps not exceedings 30 cms. in height on 10mm thick cement plaster 1:3 (1-cement : 3-coarse sand ) jointed with neat cement slurry including rubbing and polishing complete with tiles of. (B) Dark shades using ordinary cement	Sqm	723.48
14006AA	14.25	Providing and laying chequered terrazo tiles 22mm thick with marble chips of sizes upto 6mm in floors on 25mm thick bed of Lime mortar 1:1.5 (1-Lime putty : 1.5 coarse sand) or C.M. 1:6 (1 -cement :6 - coarse sand) jointed with neat cement slurry mixed with pigment to match the shade of the tiles including rubbing and polishing complete. (A) Light shades using white cement	Sqm	856.80
14006BA	14.25	Providing and laying chequered terrazo tiles 22mm thick with marble chips of sizes upto 6mm in floors on 25mm thick bed of Lime mortar 1:1.5 (1-Lime putty : 1.5 coarse sand) or C.M. 1:6 (1 - cement : 6 - coarse sand) jointed with neat cement slurry mixed with pigment to match the shade of the tiles including rubbing and polishing complete. (B) Dark shades using ordinary cement	Sqm	815.85

Item Code	Item No.as per NBO	Description	Unit	Rate in Rs. for 2023-24
14007AA	14.27	Providing and laying chequered terrazo tiles 28mm thick with marble chips of sizes upto 6mm in treads of stairs and staircases in 12mm thick bed of lime mortar 1:1.5 (1-Lime putty :1.5 coarse sand) or C.M. 1:6 (1- cement : 6- coarse sand) jointed with neat cement slurry mixed with pigment to match the shade of tiles including rubbing and polishing complete. (A) Light shades using white cement	Sqm	834.75
14007BA	14.27	Providing and laying chequered terrazo tiles 28mm thick with marble chips of sizes upto 6mm in treads of stairs and staircases in 12mm thick bed of lime mortar 1:1.5 (1-Lime putty :1.5 coarse sand) or C.M. 1:6 jointed with neat cement slurry mixed with pigment to match the shade of tiles including rubbing and polishing complete. (B) Dark shades using ordinary cement	Sqm	749.70
14008AA	14.29	Providing and laying white glazed tiles 6mm thick in flooring treads of steps and landing laid on a bed of 12mm thick cement mortar 1:3 (1-cement : 3-coarse sand ) finishing with flush pointing in white cement.	Sqm	908.17
14008BA	14.29 (B)	Providing and laying Ceramic tiles 6mm thick in flooring treads of steps and landing laid on a bed of 12mm thick cement mortar 1:3 (1-cement : 3-coarse sand ) finishing with flush pointing in white cement.	Sqm	960.47
14008CA	14.29 (C1)	Providing and laying Vitrified tiles 8 to 10 mm thick , 24" x 24" in flooring treads of steps and landing laid on a bed of 12mm thick cement mortar 1:3 (1-cement : 3-coarse sand ) finishing with flush pointing in white cement.	Sqm	1062.50
14008DA	14.29 (C2)	Providing and laying Vitrified tiles 8 to 10 mm thick , 36" x 36" in flooring treads of steps and landing laid on a bed of 12mm thick cement mortar 1:3 (1-cement : 3-coarse sand ) finishing with flush pointing in white cement.	Sqm	1469.91
14009AA	14.32	Providing and laying white glazed tiles 6mm thick in skrting risers of steps and dedo on 10mm thick cement plaster 1:3 (1-cement : 3-coarse sand) and jointed with white cement slurry	Sqm	1044.23
14009BA	14.32 (B)	Providing and layingCeramic tiles 6mm thick in skrting risers of steps and dedo on 10mm thick cement plaster 1:3 (1-cement : 3-coarse sand) and jointed with white cement slurry	Sqm	1028.11

Item Code	Item No.as per NBO	Description	Unit	Rate in Rs. for 2023-24
14009CA	14.32 (C1)	Providing and laying Vitrified tiles 8 to 10 mm thick , 24" x 24" in skirting risers of steps and dedo on 10mm thick cement plaster 1:3 (1-cement : 3-coarse sand) and jointed with white cement slurry	Sqm	1130.15
14009DA	14.32 (C2)	Providing and laying Vitrified tiles 8 to 10 mm thick , in skirting risers of steps and dedo on 10mm thick cement plaster 1:3 (1-cement : 3-coarse sand) and jointed with white cement slurry	Sqm	1523.61
14010A	14.34	Providing and fixing 50mm internal or external angles of glazed tiles	Rmt	114.72
14011A	14.36	Providing and laying marble stone slab flooring over 20mm (average)base of cement mortar 1:6 (1-cement : 6 coarse sand) or L.M. 1:1.5(1- lime putty : 1.5 - coarse sand) laid and jointed with gray cement slurry including rubbing and polishing complete. (A) Marble slab 25mm thick	Sqm	2194.63
14012AA	14.43	Providing and laying polished Kota stone slab flooring over 20mm (Average) thick base of cement mortar 1:6 (1-cement : 6-coarse sand) or L.M. 1.1.5 (1-Lime putty :1.5 - coarse sand) laid over and jointed with grey cement slurry mixed with pigment to match the shade of slab including rubbing and polishing etc. complete. (A) 25mm thick	Sqm	982.83
14012BA	14.43	Providing and laying polished Kota stone slab flooring over 20mm (Average) thick base of cement mortar 1:6 (1-cement : 6-coarse sand) or L.M. 1.1.5 laid over and jointed with grey cement slurry including rubbing and polishing etc. complete. (B) 30 mm thick	Sqm	1085.48
14013A	14.44	Providing and laying polished kota stone slab 25mm thick in risers of steps,skirting Dedo and pillars laid on 10mm thick cement mortar 1:3 (1-Cement : 3 coarse sand) and jointed with gray cement slury mixed with pigment to match the shade of slab including rubbing and polishing etc. complete.	Sqm	1176.03
14014AA	14.46	Providing and laying rough chiseled dressed stone flooring over 20mm average thick base of cement mortar 1:5 (1-Cement : 5-coarse sand) or L.M. 1:1.5 (1-Lime putty : 1.5 - coarse sand) including pointing with cement mortar 1:2 (1-cement : 2-stone dust) etc. complete. (A) 25mm thick	Sqm	544.03

Item Code	Item No.as per NBO	Description	Unit	Rate in Rs. for 2023-24
14014BA	14.46	Providing and laying rough chiseled dressed stone flooring over 20mm thick base of cement mortar 1:5 (1-Cement : 5-coarse sand) or L.M. 1:1.5 including pointing with cement mortar 1:2 (1-cement : 2-stone dust) etc. complete. (B) 40mm thick	Sqm	610.15
14015AA	14.71	Providing and laying cement concrete flooring 1:2:4 (1-cement : 2-coarse sand : 4-graded stone aggregate 20mm nominal size) laid in one layer and finished with a floating coat of neat cement. (A) 40mm thick.	Sqm	297.68
14015BA	14.71	Providing and laying cement concrete flooring 1:2:4 (1-cement : 2-coarse sand : 4-graded stone aggregate 20mm nominal size) laid in one layer and finished with a floating coat of neat cement. (B) 50mm thick.	Sqm	348.08
14016A	14.74	Providing and laying cement concrete pavement (25mm to 50mm thick) with 1:2:4 (1-cement : 2-coarse sand : 4-stone aggregate 20mm nominal size) including finishing with floating coat of neat cement complete.	cu.m	4393.63
14017A	14.81	Providing and laying precast cement concrete tiles 20mm thick with aggregate of sizes upto 6mm laid on floors, treads of steps and landing on 20mm thick bed of cement mortar 1:6 (1-cement : 6-coarse sand) or L.M. 1:1.5 (1 - Lime putty : 1.5 - coarse sand) jointed with neat cement slurry with pigment to match the shade of tiles complete with precast tiles of (C) Dark shades using ordinary cement	Sqm	437.85
14018AA	14.86	Providing and laying chequered precast cement concrete tiles 22mm thick with aggregate of sizes upto 6mm in floors, treads of steps and landings on 20mm thick bed of C.M. 1:6 (1-cement : 6-sand) or L.M. 1:1.5(1-Lime putty : 1.5 coarse sand) joint with neat cement slurry with pigments to match the shade of the tiles.	Sqm	522.78
14018B	(A)	Extra for rubbing & polishing the precast c.c. tiles for flooring sketing deta.	Sqm	147.27
14019A	14.9	Providing and laying brick on edge flooring laid dry grouted with c.M. 1:6 (1 - Cement : 6 - coarse sand) including finishing the joints flush curing etc. complete.	Sqm	538.65

Item Code	Item No.as per NBO	Description	Unit	Rate in Rs. for 2023-24
14020A	0	P & L 24" x 24" vitrified 8 mm thick tile flooring over 20 mm (average) base of cement mortar 1:6 ( 1 cement: 6 coarse sand) on new surface or fixing on existing flooring by adhesive material including dismantling of existing flooring and jointed with color cement slurry including finised with flush pointing & cleaning the surface etc. complete for DARK shade	Sqm	1261.58
14021A	0	P & L 24" x 24" vitrified 8 mm thick tile flooring over 20 mm (average) base of cement mortar 1:6 ( 1 cement: 6 coarse sand) on new surface or fixing on existing flooring by adhesive material including dismantling of existing flooring and jointed with color cement slurry including finised with flush pointing & cleaning the surface etc. complete for antiskit	Sqm	1383.99
14022A	0	P & L 24" x 24" vitrified 8 mm thick tile flooring over 20 mm (average) base of cement mortar 1:6 ( 1 cement: 6 coarse sand) on new surface or fixing on existing flooring by adhesive material including dismantling of existing flooring and jointed with color cement slurry including finised with flush pointing & cleaning the surface etc. complete for light shade	Sqm	1178.10
14023A	0	Providing and fixing pre-cast concrete kerb stone of gray cement based concrete block 30cm length,30cm height and 15cm thick of M200 grade concret as per approved design and including excavation for fixing in proper line and level,filling the joint with C:M 1:3 (1cement:3fine sand) etc complete.	Rmt	376.43
14032		Providing and fixing pre-cast concrete kerb stone of gray cement based concrete block 30cm length,30cm height and 15cm thick of M250 grade concret as per approved design and including excavation for fixing in proper line and level,filling the joint with C:M 1:3 (1cement:3fine sand) etc complete.	Rmt	358.06
14033		Providing and fixing pre-cast Rubber Dye / steel Dye inter locking concrete block 60mm thick with grade of concrete M300 pnumatic compressed / vibrated mechanically and as per approved design Confirming to IS 15658 : 2006 including 35 mm Sand layer for levelling and filling the joint with sand in proper line and level as per guidlines of IRC : SP 63-2018 etc. Complete.	Sqm	680.10

Item Code	Item No.as per NBO	Description	Unit	Rate in Rs. for 2023-24
14035		Providing and laying broken chine mosaic flooring for terrace using 12 mm to 20 mm broken pieces of glazed tiles to be laid over cement mortar 1:3 to plain or slope and to be tempered to bring mortar creme out upto surface using white cement including rounding off junctions and extending them upto 15 cm along the wall,clearing with water and oxalic acid etc. as directed.	Sqm	739.89
14036		Providing and laying coloured glazed tiles of the size 300 mm x 200 mm x 8 mm / 300 mm x 450 mm x 8 mm in skirting, risers of steps and dedo on 10 mm. thick cement plaster 1:3 (1 cement : 3 coarse sand) & jointed with white cement slurry.	Sqm	1426.95

Item Code	Item No.as per NBO	Description	Unit	Rate in Rs. for 2023-24
<b>CHAPTER- 15 ROOF COVERING</b>				
15001A	15.1	Providing corrugated G.I. sheet of class-3 roofing fixed with glavanished iron J or L Hooks, Bolts and nuts 8mm diameter with bitumen and G.I. limpet washer or G.I. limpet washer. filled with white lead complete excluding the cost of purlins, Rafters and Trusses.(1) 0.80 mm thick sheet.	Sqm	719.93
15002A	15.7	Providing ridges or hips 600 mm overall in plain G.I. sheet class-3 fixed with G.I.J. or L Hooks and nuts 8mm dia G.I. Limpet and bitumen washer complete. (1) 0.80 mm thick sheet.	Sqm	635.58
15003A	15.8	Providing valleys 900mm overall in plain 1.6mm thick G.I. sheet fixed with G.I. J or L Hooks, Bolts and nuts glavanised iron J or L Hooks Bolts and nuts 8mm dia G.I. Limpet and bitumen washers complete.	Sqm	1042.78
15005A	15.1	Providing and fixing 150mm wide 450mm over all semicircular plain G.I.sheet class-3 gutter with Iron brackets 40mm x 3mm size Bolts, Nuts, washers etc. including making necessary connection with rain water pipes. (i) 0.80 mm thick Sheet.	Sqm	555.71
15007	15.26	Filling cement concrete 1:2:4 (1- Cement :2-coarse sand :4-graded stone aggregate 12.5 mm nominal size) in gaps of A.C. sheet corrugation and wings of ridges.	Rmt	23.39
15010A	15.51	Providing and fixing tiles roofing with manglore tiles including teak reepers of sizes 50mm x 25mm.	Rmt	258.30
15011A	15.75	Providing and fixing five courses water profing treatment with bitumen felt consisting of second and fourth course of blown / bitumen or/ and residual bitumen applied hot at 1.2 kg.per Sq.M.of area for each course and first course with fibre base bitunen saturated under lay type land third course with fibre base self finished felt type 2 grade 1 and fifth and final course of stone grit 6mm and down size or pea sizes gravel spread at 0.008 Cu. Metre / Sq. metre including preparation of surface excluding grading complete.	Sqm	466.84

Item Code	Item No.as per NBO	Description	Unit	Rate in Rs. for 2023-24
15012	15.87	Providing and fixing on wall face C.I. Rain water pipe including filling the joints with spun yarn soaked in neat cement slurry and cement mortar 1:2 (1- Cement : 2-fine sand) (A) 75 mm dia.	Rmt	283.62
15013	15.88	Providing and fixing M.S Holder bat clamps of approved design to C.I. or S.C.I. pipes embedded in and including cement concrete blocks 100mm x 100mm x 100mm. size of 1:2:4 ( 1-Cement : 2-coarse sand :4- graded stone aggregate of 20mm nominal size ) and cutting holes and making good the wall etc, complete. (A) 75mm dia.	Each	113.88
15014	15.9	Providing and fixing and embedding sand, C.I. rain water pipes in the masonry surrounded with 12mm thick cement mortar of the same mix as that of masonry. (A) 75 mm dia pipe.	Rmt	288.23
15016A	15.94	Providing and fixing for wall plugs and standard holder bat clamps comprising of two semicircular halves of flat iron and cast iron base screwed on wooden plugs. (B) 80 mm dia.	Each	65.69
15016B	15.94	Providing and fixing for wall plugs and standard holder bat clamps comprising of two semicircular halves of flat iron and cast iron base screwed on wooden plugs. (C) 100 mm dia.	Each	74.97
15019		Providing and Fixing 6 mm thick Lexan Polycarbonate multi wall roofing sheet fixed with hilti screw and rubber silicon sealer and alluminium strip of size 50 x 3 mm etc complete as directed by Engineer in charge.	Sqm	1427.62

Item Code	Item No.as per NBO	Description	Unit	Rate in Rs. for 2023-24
<b>CHAPTER- 16 CEILING &amp; LINING</b>				
16001AA	16.3	Providing and fixing wooden planks ceiling with tongued and grooved jointing and wood screws (frame work and cover fillings to be measured and laid for separately) (A) Indian Teak wood (i) 12mm thick	Sqm	1013.42
16001BA	16.3	Providing and fixing wooden planks ceiling with tongued and grooved jointing and wood screws (frame work and cover fillings to be measured and laid for separately) (A) Indian Teak wood (ii) 20mm thick	Sqm	1489.00
16001CA	16.3	Providing and fixing wooden planks ceiling with tongued and grooved jointing and wood screws (frame work and cover fillings to be measured and laid for separately) (A) Indian Teak wood (iii) 25mm thick	Sqm	1792.68
16002	16.3A	Deduct for butt jointing in place of touged and grooved type joint in item No.16.3	Sqm	37.65
16003A	16.4	Providing and fixing fibre insulations board lining with butt jointing and Nails (frame worked cover fillets to be measured and paid for separately) (i) 12mm thick	Sqm	266.63
16003B	16.4	Providing and fixing fibre insulations board lining with butt jointing and Nails (frame worked cover fillets to be measured and paid for separately) (ii) 18mm thick	Sqm	353.97
16003C	16.4	Providing and fixing fibre insulations board lining with butt jointing and Nails (frame worked cover fillets to be measured and paid for separately) (iii) 25mm thick	Sqm	434.03
16004A	16.13	Providing and plywood lining with but jointed and nails (frame work and cover fillets to be measured and paid for separately) (i) 6mm thick ply.	Sqm	296.77
16004B	16.13	Providing and plywood lining with but jointed and nails (frame work and cover fillets to be measured and paid for separately) (ii) 9mm thick ply.	Sqm	399.08

Item Code	Item No.as per NBO	Description	Unit	Rate in Rs. for 2023-24
16006		<p>Providing and fixing eco-friendly light weight calcium silicate false ceiling tiles having Tegular edge &amp; 15 mm Thick Densified edges on the Tile Periphery for Extra Strength The Light weight calcium silicate ceiling tiles shall have , light reflection 85% non-combustible as per B.S. 476 part IV, 100% humidity resistance and also having thermal conductivity 0.043° w/m KC.for the best thermal Insulation . The Light weight calcium Silicate tile shall be of approved texture Fine fissured/ Spintone/Cosmos having NRC value of 0.5 &amp; Globe having NRC value of 0.75 NRC or equivalent of size 595 X 595 mm to be laid on true horizontal level suspended inter locking metal grid of hot dipped galvanized steel sections (galvanizing @120 grams per sqm including both side) consisting of main 'T' runner suitably spaced at joints to get required length and size of 24X38mm made from 0.30 mm thick (minimum) sheet, 1200mm centre to centre, and cross 'T' of size 24X28mm made out of 0.33mm (Minimum) sheet spaced 1200mm along spaced between main 'T' at 600mm centre to centre to form agrid of 1200X600mm and secondary cross 'T' of length 600mm and size 24x28mm made of 0.30 mm thick (Minimum) sheet</p>	Sqm	1632.63
16007		<p>Pro. And fixing single layer water proof gypsum board 12.5 mm thick sections using water proof board of size 1220 mm x 1830 mm x 8.0 mm suspended by GI suspender channel of size 25 mm x 3 mm with intermediate channel og size 18 mm x 40 mm x 0.8 mm at 1220 mm center to center ceiling section of size 40 mm x 35 mm x 0.55 mm at 457 mm c/c and perimeter channel A of size 20 mm x 27 mm x 30 mm x 0.5 mm at edges &amp; drops incl.paper tap sand sofit cleat, anchor fastener, scoch bolt connecting cleat,joining compound top coat on ceiling incl.making necy.opening for light fitting,diffuser etc. comp. as per detail drawing as directed</p>	Sqm	600.94

Item Code	Item No.as per NBO	Description	Unit	Rate in Rs. for 2023-24
<b>CHAPTER- 17 PLASTERING &amp; POINTING</b>				
17001A	17.58	Providing 10mm thick cement plaster in single coat on brick/concrete walls for interior plastering upto floor two level and finished even and smooth in (i)Cement mortar 1:3 (1-cement:3-sand)	Sqm	127.58
17001B	17.58	Providing 10mm thick cement plaster in single coat on brick/concrete walls for interior plastering upto floor two level and finished even and smooth in (ii) Cement mortar 1:4 (1-cement :4-sand)	Sqm	114.66
17001C	17.58	Providing 10mm thick cement plaster in single coat on brick/concrete walls for interior plastering upto floor two level and finished even and smooth in (iii) Cement mortar 1:6 (1-cement:6-sand)	Sqm	102.38
17002A	17.6	Providing 15mm thick cement plaster in single coat on Rough (Similar)side of single or half brick walls for interior plastering upto floor two level and finished even and smooth in (i) Cement mortar 1:3 (1-cement:3-sand)	Sqm	174.83
17002B	17.6	Providing 15mm thick cement plaster in single coat on Rough (Similar)side of single or half brick walls for interior plastering upto floor two level and finished even and smooth in (ii) Cement mortar 1:4 (1-cement :4-sand)	Sqm	155.61
17002C	17.6	Providing 15mm thick cement plaster in single coat on Rough (Similar)side of single or half brick walls for interior plastering upto floor two level and finished even and smooth in (iii) Cement mortar 1:6 (1-cement:6-sand)	Sqm	137.34
17003A	17.61	Providing 20mm thick cement plaster in single coat on single or half brick walls for interior plastering upto floor two level and finished even and smooth in (i) Cement mortar 1:3 (1-cement:3-sand)	Sqm	215.78
17003B	17.61	Providing 20mm thick cement plaster in single coat on single or half brick walls for interior plastering upto floor two level and finished even and smooth in (ii) Cement mortar 1:4 (1-cement :4-sand)	Sqm	190.58
17003C	17.61	Providing 20mm thick cement plaster in single coat on single or half brick walls for interior plastering upto floor two level and finished even and smooth in (iii) Cement mortar 1:6 (1-cement:6-sand)	Sqm	165.38

Item Code	Item No.as per NBO	Description	Unit	Rate in Rs. for 2023-24
17004A	17.69	Extra over items 58 to 64 for finishing with a floating coat of neat cement slurry.	Sqm	47.73
17005	17.7	(A) Extra over items 58 to 67 for providing and mixing water proofing materials in cement mortar in proportion recommended by the manufacturer.	of 50Kg of	48.77
17006	17.91	Extra over items 58 to 71 for plastering on ceilings and soffits of stairs upto floor two level instead of plastering on walls.	Sqm	24.57
17007A	17.94	Extra over items 1 to 69, 71 to 87 and 90 for interior plastering above floor two level for every additional storey height. (1) Single coat plaster	m x No. of storey	23.16
17007B	17.94	Extra over items 1 to 69, 71 to 87 and 90 for interior plastering above floor two level for every additional storey height.(2) Two coat plaster	m x No. of storey	26.46
17007C	17.94	Extra over items 1 to 69, 71 to 87 and 90 for interior plastering above floor two level for every additional storey height. (3) Floating coat of neat cement	m x No. of storey	4.70
17008	17.93	Extra over item 91 for plastering on ceiling and soffits of stairs above floor two level for every additional storey height.	Sqm	21.11
17009	17.95	20mm thick sand faced cement plaster on walls upto height 10 metres above ground level consisting of 12mm thick backing coat of C.M. 1:3 (1-cement : 3-sand) and 8mm thick finishing coat of C.M. 1:1 (1-cement : 1-sand) etc. complete.	Sqm	297.68
17010A	17.116	Pointing on brickwork with cement mortar 1:3 (1-cement : 3-coarse sand) (A) Flush pointing	Sqm	91.20
17010B	17.116	Pointing on brickwork with cement mortar 1:3 (1-cement : 3-coarse sand) (B) Ruled pointing	Sqm	94.67
17011A	17.117	Pointing on brickwork with cement mortar 1:4 (1-cement : 4-coarse sand)(A) Flush pointing	Sqm	88.37
17011B	17.117	Pointing on brickwork with cement mortar 1:4 (1-cement : 4-coarse sand) (B) Ruled pointing	Sqm	91.20
17012A	17.14	Pointing on coursed stone masonry with cement mortar 1:3 (1-cement : 3-coarse sand) (A) Flush pointing	Sqm	83.79
17012B	17.14	Pointing on coursed stone masonry with cement mortar 1:3 (1-cement : 3-coarse sand) (B) Ruled pointing	Sqm	86.94
17013A	17.144	Pointing on Uncoursed stone masonry with cement mortar 1:3 (1-cement : 3-coarse sand) (A) Flush pointing	Sqm	100.02

Item Code	Item No.as per NBO	Description	Unit	Rate in Rs. for 2023-24
17013B	17.144	Pointing on Uncoursed stone masonry with cement mortar 1:3 (1-cement : 3-coarse sand)(B) Ruled pointing	Sqm	103.80
17014	17.154	Extra over item 17.112 to 17.151 for pointing on walls on the outside at height more than 10metres from ground level for every additional height of 5 metres of part there of.	Sqm	6.47
17015	0	Providing cement vata (10cm. x 10 cm. size) quarter round in cement mortar 1:1 including neat cement finishing, watering etc. complete.	Rmt	23.45
17017		Providing 20 mm thick double coat mala cement plaster on interior brick / concrete work for plastering comprising of base coat of 12 mm thick cement plaster in cement mortar (1 Cement : 4 coarse sand) in rough finishing and 8 mm thick top coat of cement mortar 1:2 (1 Cement : 2 Coarse sand) finished with trowel including scaffolding curing etc. complete.	Sqm	269.78
17018		Providing 20 mm thick cement plaster by using Ready Mix Mortar for plaster in single coat on single or half brick walls for interior plastering upto floor two level and finished even and smooth in Cement mortar 1:6 (1 Cement : 6 sand)	Sqm	212.93
17019		Providing 15 mm thick cement plaster by using Ready Mix Mortar for plaster in single coat on rough (similar) side of single or half brick walls for interior plastering upto floor two level and finished even and smooth in Cement mortar 1:6 (1 Cement : 6 sand)	Sqm	161.66
17020		Providing 10 mm thick cement plaster by using Ready Mix Mortar for plaster in single coat on brick/ concrete walls for interior plastering upto floor two level and finished even and smooth in Cement mortar 1:6 (1 Cement : 6 sand)	Sqm	106.58
17021		Providing 20 mm thick cement plaster by using Ready Mix Mortar for plaster in single coat on single or half brick walls for interior plastering upto floor two level and finished even and smooth in Cement mortar 1:4 (1 Cement : 4 sand)	Sqm	231.66

Item Code	Item No.as per NBO	Description	Unit	Rate in Rs. for 2023-24
17022		Providing 15 mm thick cement plaster by using Ready Mix Mortar for plaster in single coat on rough (similar) side of single or half brick walls for interior plastering upto floor two level and finished even and smooth in Cement mortar 1:4 (1 Cement : 4 sand)	Sqm	170.14
17023		Providing 10 mm thick cement plaster by using Ready Mix Mortar for plaster in single coat on brick/ concrete walls for interior plastering upto floor two level and finished even and smooth in Cement mortar 1:4 (1 Cement : 4 sand)	Sqm	115.95
17024		Providing 20 mm thick cement plaster by using Ready Mix Mortar for plaster in single coat on single or half brick walls for interior plastering upto floor two level and finished even and smooth in Cement mortar 1:3 (1 Cement : 3 sand)	Sqm	248.59
17025		Providing 10 mm thick cement plaster by using Ready Mix Mortar for plaster in single coat on brick/ concrete walls for interior plastering upto floor two level and finished even and smooth in Cement mortar 1:3 (1 Cement : 3 sand)	Sqm	126.32
17026		Providing 15 mm thick cement plaster by using Ready Mix Mortar for plaster in single coat on rough (similar) side of single or half brick walls for interior plastering upto floor two level and finished even and smooth in Cement mortar 1:3 (1 Cement : 3 sand)	Sqm	186.55

Item Code	Item No.as per NBO	Description	Unit	Rate in Rs. for 2023-24
<b>CHAPTER- 18 WHITE WASHING COLOR WASHING DISTEMPERING &amp; OTHER FINISHING</b>				
18001	18.11	White washing with lime on wall surface (two coats) to give an even shade including thoroughly brooming the surface to remove all dirt, dust; mortar drops and other foreign matter.	Sqm	12.29
18002	18.12	White washing with lime on wall surface (one coats) to give an even shade including thoroughly brooming the surface to remove all dirt, dust; mortar drops and loose scales of lime wash and other foreign matter.	Sqm	5.67
18003	18.13	Extra over items 11 to 12 for every subsequent coat of white washing with lime on wall surface.	Sqm	5.67
18004	18.14	Extra over item 11 for white washing with lime on ceilings and/or sloping roofs.	Sqm	1.11
18005	18.15	Extra over Item 2 for white washing with lime on ceilings and sloping roofs.	Sqm	0.48
18006	18.16	Extra over Item 13 for every subsequent coat of white washing with lime on ceilings and/or sloping roofs.	Sqm	0.48
18007	18.17	Colour washing with lime on wall surface (two coats ) over and including a primary coat of white washing to give an even shade after through brooming the surface to remove all dirt, dust, mortar drops and other foreign matter.	Sqm	12.29
18008	18.18	Colour washing with lime on wall surface (one coats ) to give an even shade including through brooming the surface to loose scales of lime wash and other foreign matter.	Sqm	7.88
18009	18.19	Extra over item 17 to 18 for every subsequent coat of colour wash with lime on wall surface	Sqm	7.88
18010	18.2	Extra over Item 17 for colour washing on ceilings and/or sloping roofs.	Sqm	2.21
18011	18.21	Extra over items 18,19 for colour washing on ceilings and sloping roofs.	Sqm	2.06
18012	18.29	Cement washing with portland cement slurry on wall surface (one coat) to give a smooth finish including thoroughly broomings the surface to remove all dirt, mortar drops and other foreign Brand.	Sqm	11.66
18013	18.3	Extra over Item No. 29 for every subseqent coat of cement washing with port land cement slurry	Sqm	11.66

Item Code	Item No.as per NBO	Description	Unit	Rate in Rs. for 2023-24
18014	18.33	Removing dry or oil bound distemper by a washing and scraping and sand papering the wall surface smooth including necessary repairs to scratches complete.	Sqm	11.19
18015	18.34	Extra over item 33 for removing dry oil bound distemper on ceilings and sloping roofs.	Sqm	1.58
18016	18.38	Distemping with dry distemper of approved brand and manufacture (two coats) and of required shade on wall surfaces of given an even shade, over and including a priming coat of whiting after thoroughly brooming the surface free from mortar dropping and other foreign matter.	Sqm	46.94
18017	18.39	Distemping with dry distemper of approved brand and manufacture (One coats) and of required shade on wall surfaces of given an even shade, after thoroughly brushing the surface clean of all grease, dirt, loose pieces of scales including preparing the surface even and sand papered smooth.	Sqm	14.97
18018	18.4	Extra over Items No. 38 and 39 of every subsequent coat at distemping with dry distemper of approved brand and manufacture.	Sqm	14.34
18019	18.41	Extra over item 38 for distemping with dry distemper on ceilings and sloping roofs.	Sqm	6.47
18020	18.42	Extra over item 39,40 for distemping with dry distemper on ceilings and sloping roofs.	Sqm	1.58
18021	18.44	Distemping (Two coats) with oil bound distemper of approved brand and manufacture and of required shade on wall surfaces to give an even shade, over and including a priming coat with distemper primer of approved brand and manufacture after thoroughly brushing the surface free from mortar dropping and other foreign matter and also including preparing the surface even and sand papered smooth.	Sqm	76.08
18022	18.45	Distemping (Two coats) with oil bound washable distemper of approved brand and manufacture and of required shade on wall surfaces to give an even shade, over and including a priming coat with alkali resistance primer of approved brand after thoroughly brushing the surface and other foreign matter and also including preparing the surface even and sand papered smooth.	Sqm	76.08

Item Code	Item No.as per NBO	Description	Unit	Rate in Rs. for 2023-24
18023	18.46	Distempeing (One coats) with oil bound washable distemper of approved brand and of required shade on wall surfaces to give an even shade, after thoroughly brushing the surface clean of all grease dirt, loose pieces of scales and also including distempering with oil bound washable distemper of preparing the surface even and smooth.	Sqm	30.09
18024	18.47	Extra over Item 44 to 46 for every subsequent coat of approved brand and manufacture.	Sqm	30.09
18025	18.48	Extra over Item 44,45 for distempering with oil bound washable distemper on ceiling and sloping roofs.	Sqm	8.04
18026	18.49	Extra over Item 46,47 for every subsequent coat of distempering on ceiling and sloping roofs.	Sqm	3.15
18027	18.51	Finishing wall with water proofing cement paint of on wall surfaces (Two coats) to give an approved brand and manufacture and of required shape even shade after thoroughly brushing the surface to remove all dirt and remains of loose powered materials.	Sqm	56.87
18028	18.53	Extra over Item 51 for every subsequent coat of water proofing cement paint of approved brand and manufacture.	Sqm	31.82
18029	18.54	Extra over item 51 for finishing with cement paint on ceiling and sloping roofs.	Sqm	6.47
18030	18.56	Extra over item 53 for every subsequent coat of finishing with cement paint on ceiling and sloping roofs.	Sqm	3.15
18031	18.57	Wall painting (two coats) with plastic emulsion paint of approved brand and manufacture on undecorated wall surface to give an even shade including thoroughly brushing the surface free from mortar droppings and other foreign matter and sand papered smooth.	Sqm	78.44
18032	18.59	Extra over item 57 for every subsequent coat of wall painting with plastic emulsion pain of approved brand.	Sqm	33.39
18033	18.6	Extra over item 57 for painting with plastic emulsion paint of approved brand on ceilings and sloping roofs.	Sqm	5.36
18034	18.62	Extra over item 59 for every subsequent coat of painting with plastic emulsion paint on ceiling and slopping roofs.	Sqm	2.21

Item Code	Item No.as per NBO	Description	Unit	Rate in Rs. for 2023-24
<b>CHAPTER- 19 PAINTING &amp; POLISHING</b>				
19001	19.2	Applying priming coat over new steel and other metal surface after and including preparing the surface by thoroughly cleaning, oil,grease, dirt and other foreign matter and scoured with brushes fine steel wood, scrapers and sand paper with ready mixed priming paint brushing red lead.	Sqm	34.34
19002	19.7	Painting two coats (excluding priming coat) on new steel and other metal surface with enamel paint, brushing, interior to give an even shade including cleaning the surface an even shade including cleanicn the surface of all dirt, dust and other foreign matter.	Sqm	86.94
19003	19.11	Painting one coats (excluding priming coat) on previously painted steel and other metal surface with enamel paint, brushing to give an even shade including cleaning the surface of all dirt, dust and other foreign matter.	Sqm	54.35
19004	19.15	Extra over item 7 and 11 for every subsequent coat of paint	Sqm	50.40
19005	19.19	Painting two coats (excluding priming coat) on new steel and other metal surface with synthetic enamel paint, brushing to give an even shade including cleaning the surface of all dirt, dust and other foreign matter.	Sqm	64.66
19006	19.21	Painting one coats (excluding priming coat) on previously printed steel and other metal surface with synthetic enamel paint, brushing to give an even shade including cleaning the surface of all dirt, dust and other foreign matter.	Sqm	43.79
19007	19.23	Extra over item 19 and 21 for every subsequent coat of paint.	Sqm	43.47
19008B	19.5	Painting two coats (excluding priming coat) on external surface of new rain water, soil, waste and vent pipes and fittings with ready mixed bituminous brushing, black, anticorrosive to give an even shade including cleaning of all dirt, dust and other foreign matter. (B) 75mm dia.	Sqm	20.16

Item Code	Item No.as per NBO	Description	Unit	Rate in Rs. for 2023-24
19008C	19.5	Painting two coats (excluding priming coat) on external surface of new rain water, soil, waste and vent pipes and fittings with ready mixed bituminous brushing, black, anticorrosive to give an even shade including cleaning of all dirt, dust and other foreign matter. (C) 100mm dia.	Sqm	25.05
19009B	19.59	Applying priming coat over new wood and wood based surface after and including preparing the surface by thoroughly cleaning oil, grease, dirt and other foreign matter, sand papering and knotting. (B) Ready mixed paint brushing wood primer pink.	Sqm	40.17
19009C	19.59	Applying priming coat over new wood and wood based surface after and including preparing the surface by thoroughly cleaning oil, grease, dirt and other foreign matter, sand papering and knotting. (C) Ready mixed paint brushing priming for enamel	Sqm	40.17
19010B	19.62	Extra over item 59 for every subsequent coat of priming coat. (B) Ready mixed paint brushing wood primer pink.	Sqm	36.39
19010C	19.62	Extra over item 59 for every subsequent coat of priming coat. (C) Ready mixed paint brushing priming for enamel	Sqm	36.39
19011	19.71	Painting two coats (excluding priming coat) on new wood and wood based surface with enamel paint, interior to give an even shade including cleaning the surface of all dirt, dust and other foreign matter sand papering and stopping.	Sqm	87.11
19012	19.73	Painting one coats (excluding priming coat) on previously painted wood and wood based surface with enamel paint, to give an even shade including cleaning the of all dirt, dust and other foreign matter.	Sqm	55.13
19013	19.75	Extra over item 71 and 73 for every subsequent coat of paint.	Sqm	51.83
19014	19.77	Painting two coats (excluding priming coat) on new wood and wood based surface with ready mixed paint, brushing, oil, gloss, semi gloss to give and even shade including cleaning of all dust, dirt and other foreign matter sand papering and stopping.	Sqm	104.12

Item Code	Item No.as per NBO	Description	Unit	Rate in Rs. for 2023-24
19015	19.84	Varnishing two coats (excluding priming coat) on new wood and wood based surface under coating with flatting varnish and finished coat with varnish to give an even surface including cleaning the surface of all dirt, dust and sand papering so as to produce a smooth dry surface.	Sqm	54.18
19016	19.86	Extra over item 84 for every subsequent coat of varnish.	Sqm	30.68
19017	19.87	Polishing with french polish on new wood and wood based surface to give an even surface including cleaning, the surface of all dirt, dust and sand papering smooth and including a coat of wood filler.	Sqm	131.67
19018	19.88	Polishing with french polish on previously polished wood and wood based surface to give an even surface including cleaning, the surface of all dirt, dust and sand papered smooth and including a coat of wood filler.	Sqm	67.73
19019	19.91	Applying wax polish on new wood and wood surface with bees wax polish in proportion of 2:1.5 :1:0.5 (2-Bees wax : 1.5 Linseed oil : 1- Turpentine even surface including cleaning the surface of all dirt dust and sand papered smooth.	Sqm	64.43
19020	19.92	Applying wax polish on previously wax polished wood and wood based surface with bees wax polish in proportion of 2:1.5 :1:0.5 (2-Bees wax : 1.5 Linseed oil : 1- Turpentine : 0.5 varnish by weight to give an even surface including cleaning the surface of all dirt dust and sand papered smooth.	Sqm	36.23
19021	19.98	Coat tarring two coats on new wood and wood based surfaces using 0.16 and 0.12 Litres of coal tar par Sq.M. in the first and second coat respectively to give an even shade including cleaning of all dirt, dust and other foreign matter.	Sqm	33.39
19022	19.1	Extra over item 19.98 or every subsequent coat of painth	Sqm	22.68
19023A	19.11	Writing letter or figures on any surface with black japan paint (stops,comas, hyphens and the like not to be measured and paid for separately)(i) Block (Letters/Figures) (Per 10 Letter pet CM.HT)	letter Per Cr	3.15

Item Code	Item No.as per NBO	Description	Unit	Rate in Rs. for 2023-24
19023B	19.11	Writing letter or figures on any surface with black japan paint (stops,comas, hyphens and the like not to be measured and paid for separately) (ii) Indian (Letters/Figures)	letter Per Cr	3.47
19024A	19.121	Extra over items 19.119 for using thick white paint instead of black japan paint. (i) Block (Letters/Figures)	letter Per Cr	0.07
19024B	19.121	Extra over items 19.119 for using thick white paint instead of black japan paint. (ii) Indian (Letters/Figures)	letter Per Cr	0.07
19025A	19.126	Painting lines, deashes, arrows, letters etc on roads, Air fields and like in two coats with road marking paint, brushing including cleaning the surface of all dirt, dust and other foreign matter. (i) Over 10cm in width	Sqm	121.91
19025B	19.126	Painting lines, deashes, arrows, letters etc on roads, Air fields and like in two coats with road marking paint, brushing including cleaning the surface of all dirt, dust and other foreign matter. (ii) Upto 10 cm in width	Rmt	12.14
19026A	19.127	Painting lines, deashes, arrows, letters etc on roads, Air fields and like in one coats with road marking paint, brushing including cleaning the surface of all dirt, dust and other foreign matter. (i) Over 10cm in width	Sqm	50.40
19026B	19.127	Painting lines, deashes, arrows, letters etc on roads, Air fields and like in one coats with road marking paint, brushing including cleaning the surface of all dirt, dust and other foreign matter. (ii) Upto 10 cm in width	Sqm	5.52
19031		Finishing wall with weather proof exterior emulsion paint on wall surface (two coats) to give an required shape even shade after thoroughly brushing the surface to remove all dirt, and remains of loose powdered materials.etc complete	sqm	113.40
19032		Applying two coats of putty & two coats of primer of approved brand and manufacture on new wall surface to give an even shade including thoroughly brushing the surface free from mortar dropping and other foreign matter and sand papered smooth.	sqm	40.19

Item Code	Item No.as per NBO	Description	Unit	Rate in Rs. for 2023-24
<b>CHAPTER- 20 DEMOLITION &amp; DISMANTLING</b>				
20001A	20.1	Demolition and disposal of unserviceable materials with all lead and lift.(i) Lime concrete.	cu.m	524.48
20001B	20.1	Demolition and disposal of unserviceable materials with all lead and lift.(i) Lime concrete.	cu.m	603.23
20002	20.3	Demolition including stacking of serviceable materilas and disposal of unserviceable materials with all lead and lift. (i) R.C.C. work	cu.m	1047.38
20003A	20.11	Demolition of Brick work and stone masonry including stacking of serviceable materilas and disposal of unserviceable materials with all lead and lift. (i) In Lime Mortar.	cu.m	362.25
20003B	20.11	Demolition of Brick work and stone masonry including stacking of serviceable materilas and disposal of unserviceable materials with all lead and lift.(ii) In Cement Mortar.	cu.m	544.95
20004	20.21	Demolition of terrace including stacking of serviceable materilas and disposal of unserviceable materials with all lead and lift.(i) Brick tile covering.	Sqm	63.00
20005	20.23	Dismantaling tiled of stone floors laid in mortar including stacking of serviceable materilas and disposal of unserviceable materials with all lead and lift.	Sqm	47.25
20006	20.25	Dismantaling of wooden floors including stacking of serviceable materilas and disposal of unserviceable materials with all lead and lift.	Sqm	70.88
20007A	20.27	Dismantaling of sheet roofing including ridges, Hips, Valleys, Gutters etc. stacking of serviceable materilas and disposal of unserviceable materials with all lead and lift.(i) G.I.sheet roofing.	Sqm	47.25
20007B	20.27	Dismantaling of sheet roofing including ridges, Hips, Valleys, Gutters etc. stacking of serviceable materilas and disposal of unserviceable materials with all lead and lift.(ii) A.C. sheet roofing.	Sqm	53.55
20008	20.28	Dismantalings manglore of country tile roofing with battens boarding etc. including stacking of serviceable materilas and disposal of unserviceable materials with all lead and lift.(ii) A.C. sheet roofing.	Sqm	86.63

Item Code	Item No.as per NBO	Description	Unit	Rate in Rs. for 2023-24
20010	20.35	Dismantling wood work, wrought framed and fixed in frames trusses including stacking the materials with all lead and lift.	cu.m	1741.95
20011	20.39	Dismantling expanded metal or I.R.C Fabric with necessary battens and beadings including frame work, and stacking the serviceable materials with all lead and lift.	Sqm	55.13
20012	20.43	Dismantling steel work including distempering and stacking the materials with all lead and lift.	Kg	3.63
20013A	20.49	Dismantling doors, windows, ventilators etc. (wood or steel) shutters including chowkhats architraves, holdfasts and other attachment etc. complete and stacking them within all lead and lift.(i) Not exceeding 3 Sq.M. in area.	Each	185.85
20013B	20.49	Dismantling doors, windows, ventilators etc. (wood or steel) shutters including chowkhats architraves, holdfasts and other attachment etc. complete and stacking them within all lead and lift.(ii) Exceeding 3 Sq.M. in area.	Each	248.85
20014	20.51	Dismantling barbed wire in fencing including making rolls and also including dismantling fencing posts including all earth work concrete in base and making good the disturbed ground stacking useful materials as directed and disposing as directed and disposing of the unserviceable materials with all lead and lift.	Rmt	66.15
20015	20.56	Dismantling C.I. pipes G.S.W.pipes abd A.C. rain water pipes with fittings and clamps including stacking the materials with all lead and lift ( for any dia, of pipe)	Rmt	74.03
20016	0	Dismantling sanitary fittings like wash basin . W.C. pan Indian and European type, flushing tank etc. including stacking the materials with all lead and lift.	Each	401.63
20017	0	Scraping oil paint from steel and other metal surface and making the surface even (with Hand Scraping.)	Sqm	48.83
20040		Providing and fixing 15 mm diameter backup rod having minimum density 22 kg per cum (ASTMD - 3575) & compression strength of 0.40 kg per sqm (ASTM - 5249) and finishing with polysulphide sealant etc. complete. For 12 mm wide expansion joint	Rmt	12.80

Item Code	Item No.as per NBO	Description	Unit	Rate in Rs. for 2023-24
20041		Providing and fixing 25 mm diameter backup rod having minimum density 22 kg per cum (ASTMD - 3575) & compression strength of 0.40 kg per sqm (ASTM - 5249) and finishing with polysulphide sealant etc. complete. For 20 mm wide expansion joint	Rmt	17.48
20042		Providing and fixing 30 mm diameter backup rod having minimum density 22 kg per cum (ASTMD - 3575) & compression strength of 0.40 kg per sqm (ASTM - 5249) and finishing with polysulphide sealant etc. complete. For 25 mm wide expansion joint	Rmt	19.83
20043		Providing and fixing 50 mm diameter backup rod having minimum density 22 kg per cum (ASTMD - 3575) & compression strength of 0.40 kg per sqm (ASTM - 5249) and finishing with polysulphide sealant etc. complete. For 40 mm wide expansion joint	Rmt	52.63
20044		Providing and fixing 60 mm diameter backup rod having minimum density 22 kg per cum (ASTMD - 3575) & compression strength of 0.40 kg per sqm (ASTM - 5249) and finishing with polysulphide sealant etc. complete. For 50 mm wide expansion joint	Rmt	68.25
20045		Removing and scraping of old deteriorated plaster of any thickness from wall / R.C.C member including stacking of serviceable material and disposal of unserviceable from site of work with all lead and lift	Sqm	19.38
20046		Providing and fixing of Corner Angle for Various Flashing in 100mm x 100mm size in Equal Shape with 5mm edge lipping on both side . The Angle Flashing shall be made out of 0.5 mm thick pre coated GI sheet with edge bending of approximate 5mm. The Precoated sheet shall be of minimum 240 mpa steel grade confirming to IS 14246:1995 and shall have zinc coating of minimum 120 gsm as per IS:277:1992 , 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 micron. The PPGI Sheet shall have plastic protective guard film of minimum 25 microns to avoid scratches during transportation. The U track shall be fixed with suitable POP rivet with wall and roof panels with minimum spacing of 450 mm c/c.	sqm	760.73

Item Code	Item No.as per NBO	Description	Unit	Rate in Rs. for 2023-24
20047		<p>Providing and fixing of Corner Angle for Various Flashing in 150mm x 150mm size in Equal Shape with 5mm edge lipping on both side . The Angle Flashing shall be made out of 0.5 mm thick pre coated GI sheet with edge bending of approximate 5mm. The Precoated sheet shall be of minimum 240 mpa steel grade confirming to IS 14246:1995 and shall have zinc coating of minimum 120 gsm as per IS:277:1992 , 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 micron. The PPGI Sheet shall have plastic protective guard film of minimum 25 microns to avoid scratches during transportation. The U track shall be fixed with suitable POP rivet with wall and roof panels with minimum spacing of 450 mm c/c.</p>	sqm	765.45
20048		<p>Providing and fixing PUF Insulated continuous sandwich panels for roofs of total thickness not less than 30 mm made out from continue line method.Panel shall have 0.5 mm thick pre coated GI sheet on both side of Polyurethane foam with external face being corrugated in shape for GI and PU foam both material.The crest height of the panel shall be of 35mm minimum wiht 250mm c/c pitch. The Precoated sheet shall be of minimum 240 mpa steel grade confirming to IS 14246:1995 and shall have zinc coating of 120 gsm as per IS:277 , 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 micron.The PPGI Sheet shall have protective guard film of minimum 25 microns to avoid scratches wihile trasportation.The roof panels are laid over a frame work of trusses, colums and purlins fixed using 90mm self drilling bolt with rubber washer including all types of flashings. PU Foam must be self-extinguishing, fire retardant type having minimum density of 40 Kg/Cu.mt.( +, - 2 Kgs) including 0.25mm craft paper edging,self tapping screws of required length and nos.etc complete as per structural design and direction of Engineer-in-charge.</p>	Sqm	3086.92

Item Code	Item No.as per NBO	Description	Unit	Rate in Rs. for 2023-24
20049		<p>Providing and fixing PUF Insulated continuous sandwich panels for roofs of total thickness not less than 30 mm made out from continue line method.Panel shall have 0.35 mm thick pre coated GI sheet on both side of Polyurethane foam with external face being corrugated in shape for GI and PU foam both material.The crest height of the panel shall be of 35mm minimum wiht 250mm c/c pitch. The Precoated sheet shall be of minimum 240 mpa steel grade confirming to IS 14246:1995 and shall have zinc coating of 120 gsm as per IS:277 , 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 micron.The PPGI Sheet shall have protective guard film of minimum 25 microns to avoid scratches wihile trasportation.The roof panels are laid over a frame work of trusses, columns and purlins fixed using 90mm self drilling bolt with rubber washer including all types of flashings. PU Foam must be self-extinguishing, fire retardant type having minimum density of 40 Kg/Cu.mt.( +, - 2 Kgs) including 0.25mm craft paper edging,self tapping screws of required length and nos.etc complete as per structural design and direction of Engineer-in-charge.</p>	Sqm	2866.88

Item Code	Item No.as per NBO	Description	Unit	Rate in Rs. for 2023-24
20050		<p>Providing and fixing PUF Insulated continuous sandwich panels for walls of total thickness not less than 50 mm and width 1.0 m made out from continue line method on automatic plant.Panel shall have 0.5 mm thick pre coated GI sheet on both side of Polyurethane Foam confirming to IS 12436:1988.The Precoated sheet shall be of minimum 240 mpa steel grade confirming to IS 14246:1995 and shall have zinc coating of minimum 120 gsm as per IS:277:1992 , 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 micron.The PPGI Sheet shall have plastic protective guard film of minimum 25 microns to avoid scratches during trasportation.The panels shall be vertically joined together by tongue and groove joints. The PU Foam shall be self-extinguishing, fire retardant type having minimum density of 40 Kg/Cu.mt.( +, - 2 Kgs) including 0.25 mm thick craft paper edging on both edges. The panels shall be fixed to the steel frame structure with minimum 5mm thick self tapping GI screws of required length and nos. with minimum spacing of 300 mm c/c.</p>	Sqm	3087.17

Item Code	Item No.as per NBO	Description	Unit	Rate in Rs. for 2023-24
20051		<p>Providing and fixing PUF Insulated continuous sandwich panels for walls of total thickness not less than 50 mm and width 1.0 m made out from continue line method on automatic plant.Panel shall have 0.35 mm thick pre coated GI sheet on both side of Polyurethane Foam confirming to IS 12436:1988.The Precoated sheet shall be of minimum 240 mpa steel grade confirming to IS 14246:1995 and shall have zinc coating of minimum 120 gsm as per IS:277:1992 , 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 micron.The PPGI Sheet shall have plastic protective guard film of minimum 25 microns to avoid scratches during trasportation.The panels shall be vertically joined together by tongue and groove joints. The PU Foam shall be self-extinguishing, fire retardant type having minimum density of 40 Kg/Cu.mt.( +, - 2 Kgs) including 0.25 mm thick craft paper edging on both edges. The panels shall be fixed to the steel frame structure with minimum 5mm thick self tapping GI screws of required length and nos. with minimum spacing of 300 mm c/c.</p>	Sqm	2823.41

Item Code	Item No.as per NBO	Description	Unit	Rate in Rs. for 2023-24
20052		<p>Providing and fixing PUF Insulated continuous sandwich panels for walls of total thickness not less than 40 mm and width 1.0 m made out from continue line method on automatic plant.Panel shall have 0.5 mm thick pre coated GI sheet on both side of Polyurethane Foam confirming to IS 12436:1988.The Precoated sheet shall be of minimum 240 mpa steel grade confirming to IS 14246:1995 and shall have zinc coating of minimum 120 gsm as per IS:277:1992 , 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 micron.The PPGI Sheet shall have plastic protective guard film of minimum 25 microns to avoid scratches during trasportation.The panels shall be vertically joined together by tongue and groove joints. The PU Foam shall be self-extinguishing, fire retardant type having minimum density of 40 Kg/Cu.mt.( +, - 2 Kgs) including 0.25 mm thick craft paper edging on both edges. The panels shall be fixed to the steel frame structure with minimum 5mm thick self tapping GI screws of required length and nos. with minimum spacing of 300 mm c/c.</p>	Sqm	3019.85

Item Code	Item No.as per NBO	Description	Unit	Rate in Rs. for 2023-24
20053		Providing and fixing PUF Insulated continuous sandwich panels for walls of total thickness not less than 40 mm and width 1.0 m made out from continue line method on automatic plant.Panel shall have 0.35 mm thick pre coated GI sheet on both side of Polyurethane Foam confirming to IS 12436:1988.The Precoated sheet shall be of minimum 240 mpa steel grade confirming to IS 14246:1995 and shall have zinc coating of minimum 120 gsm as per IS:277:1992 , 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 micron.The PPGI Sheet shall have plastic protective guard film of minimum 25 microns to avoid scratches during trasportation.The panels shall be vertically joined together by tongue and groove joints. The PU Foam shall be self-extinguishing, fire retardant type having minimum density of 40 Kg/Cu.mt.( +, - 2 Kgs) including 0.25 mm thick craft paper edging on both edges. The panels shall be fixed to the steel frame structure with minimum 5mm thick self tapping GI screws of required length and nos. with minimum spacing of 300 mm c/c.	Sqm	2756.11
20054		Structural steel work ( Confirming to IS 4923-1997) riveted, bolted or welded in builtup for all type sections, in framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete as per the structural designs and directions of Engineer in charge.Column ( 122 x 61 x 3.6mm )	kg	126.68

Item Code	Item No.as per NBO	Description	Unit	Rate in Rs. for 2023-24
20055		<p>Providing and fixing of Bottom and top U track for closing of end joints for cut PUF panels of size of 52mm x 30mm with 5mm lipping on Both edges. The U track shall be made out of 0.5 mm thick pre coated GI sheet.The Precoated sheet shall be of minimum 240 mpa steel grade confirming to IS 14246:1995 and shall have zinc coating of minimum 120 gsm as per IS:277:1992 , 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 micron. The PPGI Sheet shall have plastic protective guard film of minimum 25 microns to avoid scratches during transportation. The U track shall be fixed with suitable POP rivet with wall roof panels and plinth with Expandable fastners with minimum spacing of 450 mm c/c. The Utrack shall be fixed</p>	Rmt	577.18
20056		<p>Providing and fixing of Bottom and top U track for closing of end joints for cut PUF panels of size of 52mm x 30mm with 5mm lipping on Both edges. The U track shall be made out of 0.5 mm thick pre coated GI sheet.The Precoated sheet shall be of minimum 240 mpa steel grade confirming to IS 14246:1995 and shall have zinc coating of minimum 120 gsm as per IS:277:1992 , 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 micron. The PPGI Sheet shall have plastic protective guard film of minimum 25 microns to avoid scratches during transportation. The U track shall be fixed with suitable POP rivet with wall roof panels and plinth with Expandable fastners with minimum spacing of 450 mm c/c. The Utrack shall be fixed</p>	Rmt	547.84

Item Code	Item No.as per NBO	Description	Unit	Rate in Rs. for 2023-24
20057		Providing and fixing of Ridge flashing for roof panel shall be made out of 0.5 mm thick pre coated GI sheet . The Precoated sheet shall be of minimum 240 mpa steel grade confirming to IS 14246:1995 and shall have zinc coating of minimum 120 gsm as per IS:277:1992 , 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 micron. The PPGI Sheet shall have plastic protective guard film of minimum 25 microns to avoid scratches during transportation. The ridge shall be fixed to the steel members by pop rivet or self drilling/self stitching fastners @ maximum 450 mm c/c along length of capping/flashing etc complete .	Rmt	510.10
20057A		Providing and fixing of Ridge flashing for roof panel shall be made out of 0.5 mm thick pre coated GI sheet . The Precoated sheet shall be of minimum 240 mpa steel grade confirming to IS 14246:1995 and shall have zinc coating of minimum 120 gsm as per IS:277:1992 , 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 micron. The PPGI Sheet shall have plastic protective guard film of minimum 25 microns to avoid scratches during transportation. The ridge shall be fixed to the steel members by pop rivet or self drilling/self stitching fastners @ maximum 450 mm c/c along length of capping/flashing etc complete .	Sqm	850.17
20058		Providing and fixing of end cap of Roofing panel. The End Cap track shall be made out of 0.5 mm thick pre coated GI sheet suitable for 30mm thick panel.The Precoated sheet shall be of minimum 240 mpa steel grade confirming to IS 14246:1995 and shall have zinc coating of minimum 120 gsm as per IS:277:1992 , 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 micron. The PPGI Sheet shall have plastic protective guard film of minimum 25 microns to avoid scratches during transportation. The U track shall be fixed with suitable POP rivet with wall and roof panels with minimum spacing of 450 mm c/c.	Rmt	767.03

Item Code	Item No.as per NBO	Description	Unit	Rate in Rs. for 2023-24
20059		<p>Providing and fixing of end cap of Roofing panel. The End Cap track shall be made out of 0.5 mm thick pre coated GI sheet suitable for 40mm thick panel. The Precoated sheet shall be of minimum 240 mpa steel grade confirming to IS 14246:1995 and shall have zinc coating of minimum 120 gsm as per IS:277:1992 , 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 micron. The PPGI Sheet shall have plastic protective guard film of minimum 25 microns to avoid scratches during transportation. The U track shall be fixed with suitable POP rivet with wall and roof panels with minimum spacing of 450 mm c/c.</p>	Rmt	688.28
20060		<p>Providing and fixing of Corner Angle for Various Flashing in 25mm x 25mm size in Equal Shape with 5mm edge lipping on both side . The Angle Flashing shall be made out of 0.5 mm thick pre coated GI sheet with edge bending of approximate 5mm. The Precoated sheet shall be of minimum 240 mpa steel grade confirming to IS 14246:1995 and shall have zinc coating of minimum 120 gsm as per IS:277:1992 , 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 micron. The PPGI Sheet shall have plastic protective guard film of minimum 25 microns to avoid scratches during transportation. The U track shall be fixed with suitable POP rivet with wall and roof panels with minimum spacing of 450 mm c/c.</p>	Rmt	500.85

Item Code	Item No.as per NBO	Description	Unit	Rate in Rs. for 2023-24
20061		<p>Providing and fixing of Corner Angle for Various Flashing in 50mm x 50mm size in Equal Shape with 5mm edge lipping on both side . The Angle Flashing shall be made out of 0.5 mm thick pre coated GI sheet with edge bending of approximate 5mm. The Precoated sheet shall be of minimum 240 mpa steel grade confirming to IS 14246:1995 and shall have zinc coating of minimum 120 gsm as per IS:277:1992 , 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 micron. The PPGI Sheet shall have plastic protective guard film of minimum 25 microns to avoid scratches during transportation. The U track shall be fixed with suitable POP rivet with wall and roof panels with minimum spacing of 450 mm c/c.</p>	Rmt	562.28
20062		<p>Providing and fixing of Corner Angle for Various Flashing in 100mm x 100mm size in Equal Shape with 5mm edge lipping on both side . The Angle Flashing shall be made out of 0.5 mm thick pre coated GI sheet with edge bending of approximate 5mm. The Precoated sheet shall be of minimum 240 mpa steel grade confirming to IS 14246:1995 and shall have zinc coating of minimum 120 gsm as per IS:277:1992 , 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 micron. The PPGI Sheet shall have plastic protective guard film of minimum 25 microns to avoid scratches during transportation. The U track shall be fixed with suitable POP rivet with wall and roof panels with minimum spacing of 450 mm c/c.</p>	Rmt	771.75

Item Code	Item No.as per NBO	Description	Unit	Rate in Rs. for 2023-24
20063		<p>Providing and fixing of Corner Angle for Various Flashing in 150mm x 150mm size in Equal Shape with 5mm edge lipping on both side . The Angle Flashing shall be made out of 0.5 mm thick pre coated GI sheet with edge bending of approximate 5mm. The Precoated sheet shall be of minimum 240 mpa steel grade confirming to IS 14246:1995 and shall have zinc coating of minimum 120 gsm as per IS:277:1992 , 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 micron. The PPGI Sheet shall have plastic protective guard film of minimum 25 microns to avoid scratches during transportation. The U track shall be fixed with suitable POP rivet with wall and roof panels with minimum spacing of 450 mm c/c.</p>	Rmt	845.99
20064		<p>Preparing and applying of water soluble, nonflammable, reactive and penetrative silane nanotechnology with water (&lt;1000 ppm TDS) in the ratio of 1 liter silane :20 liter water mixed with 0.5 liter acrylic copolymer polymer compatible and stable in silane solution. Take 1 liter of silane nanotechnology and add in 20 liter water in drum under manual stirring and then add 0.5 liter acrylic copolymer under manual stirring and mix completely. Spray apply the solution at the rate of 1 liter per sqm on horizontal and 0.5 liter per sqm on vertical new or old cementitious / concrete surface . (For very dense concrete of M50 and above for bridges may not absorb 1 liter per sq meter so reduce the water of dilution to 1:10)Horizontal Surface</p>	sqm	80.35

Item Code	Item No.as per NBO	Description	Unit	Rate in Rs. for 2023-24
20064A		<p>Preparing and applying of water soluble, nonflammable, reactive and penetrative silane nanotechnology with water (&lt;1000 ppm TDS) in the ratio of 1 liter silane :20 liter water mixed with 0.5 liter acrylic copolymer polymer compatible and stable in silane solution. Take 1 liter of silane nanotechnology and add in 20 liter water in drum under manual stirring and then add 0.5 liter acrylic copolymer under manual stirring and mix completely. Spray apply the solution at the rate of 1 liter per sqm on horizontal and 0.5 liter per sqm on vertical new or old cementitious / concrete surface . (For very dense concrete of M50 and above for bridges may not absorb 1 liter per sq meter so reduce the water of dilution to 1:10)Vertical Surface</p>	sqm	45.68

Item Code	Item No.as per NBO	Description	Unit	Rate in Rs. for 2023-24
<b>CHAPTER- 21 REPAIRS TO BUILDING</b>				
21001	21.8	Providing and fixing M.S. fan clamps of shape and size as specified in existing R.C.C. slab including cutting chase and making good.	Each	168.53
21002A	21.23	Cutting out cracks of roof terrace to V- section , cleaning out, wetting , grouting with cement and sand slurry 1:3 (1-cement 3-sand )	Rmt	64.58
21003A	21.24	Cutting out cracks roof terrace to V-Section cleaning out and filling solidly with a hot mixture of bitumen and clean dry sand (1:1 by weight)	Rmt	75.29

Item Code	Item No.as per NBO	Description	Unit	Rate in Rs. for 2023-24
<b>CHAPTER- 22 MISCELLANEOUS BUILDING ITEM</b>				
22001	22.2	Providing and fixing 1.20 Metre high fencing with 2.0 Metre long M.S. Angle posts 40mm x 40 mm x 6 mm and oil painting 3 coats fixed at 2.5 Mt,C/c. with five Horizontal lines and two diagonals of galvanised steel barbed wire weighting 9.38 Kg. per 100 Metre, strained and fixed to posts with G.I.staples including fixing the posts in ground with 0.5 M x 0.5.M x 0.5 M. block in C.C1:5:10 etc complete.	Rmt	385.40
22002	0	Construction of B.B,masonry paniyara 23cm. x 75cm. wall and 15cm x 15cm curbing including fixing precast R.C.C. arble mosaic (Terrazo) slab of 75mm thickness on top and smooth finishing in cement plaster in C.M. 1:3 curing etc. complete including drainage out waste water arrangements.	Rmt	1667.93
22003	0	Constructing a sink (chowkedi) with C.C. 1:2:4, 12cm. thick over B.B. masonry in C.M,(1:6) in front and dwarf wall 1.0 Mt.high and 23 cm.thick cement plaster to masonry / in C.M.1:3) and cement concrete flooring in 1:2:4: mi x 5 cm. dia. drain pipe etc.complete.	Rmt	2235.66
22004A	0	Constructing a cooking platform 60 cm. width and 70 cm high resting on B.B.Masonry walls 23 cm.thick in C.M.(1:6) with (i) Fixing or precast R.C.C.1:2:4) 8 cm. thick slab with marble chips set in C.M. (1:6) (6mm thick terrazo) with plastering on exposed faces walls in C.M. (1:4) etc complete.	Rmt	933.98
22004B	0	Constructing a cooking platform 60 cm. width and 70 cm high resting on B.B.Masonry walls 23 cm.thick in C.M.(1:6) with (ii) Fixing black kadappa stone 30mm thick laid on precast R.C.C. (1:2:4) slab with plastering on exposed faces of wall in C.M. (1:4) etc complete.	Rmt	1132.43

Item Code	Item No.as per NBO	Description	Unit	Rate in Rs. for 2023-24
22005	0	Carrying out timber treatment to all wood work including drilling holes and spraying oil based chemical solution on surface of timber work for termite control including labor and material etc. complete. Using Chlorpyriphos 20 EC as per IS 6313 Part III (1% concentration by mass) is recommended one litre chemical emulsion diluted with 19 liters of kerosene. Total diluted concentration will be 20 liters inclusive of 1 liter chemical emulsion application in drilled holes and 0.75 / Litre chemical per one Sqmt two coat on wood surface not protected by paint or varnish.	Smt	54.98
22006	0	Applying general insecticide pest control treatment to floors, cupboards etc including labour materials etc. complete. Using Imidacloprid 30.5 SCas Per IS 6313 part -II( 0.075% concentration by mass) is recommended 10.5ml chemical diluted with 5 liters of water application 0.5 litre chemical /Sqm of surface is recommended as per I.S.	Smt	88.40
22007	0	Carring out plinth treatment to post construction / existing structure by spraying chemical solution for termite control treatment including labour and material consistment with I.S.I specification. Using Chlordene and Chiorpurfiles 20 EC. As Per IS 6131_paret-II Consentration Weight one percent is recommended i.e one litre 20 EC chemical emulsion with 19 liter give 1 % concentration inclusive of one litre chemical emulsion appication at the rate of 5 Litre chemical / Sqm of surface is recommended as per I.S	Smt	104.90
22008	0	Carrying out wall treatment for termite control including spraying with chemical solution in oil base including labour and material Using Chlorpyriphos 20 ECAs per IS 6313 part - II (1% concentration by mass) is recommended i.e one litre chemical emulsion diluted with 19 liter oil base. Total solution will be 20 liters inclusive of one liter chemical emulsion application at the rate of 7.5 litre chemical / Sqm of surface is recommended as per I.S.	Smt	37.34
22009	0	Providing and fixing Rajula stone 75mm thick 60mm x 45mm size including fixing in cement mortar as directed.	Smt	81.47

Item Code	Item No.as per NBO	Description	Unit	Rate in Rs. for 2023-24
22010A	0	Providing and laying bilimora type Brick facing in C.M. 1:1 laid over bedding of cement mortar 1:3 (20mm thickness) including clearing watering scaffolding etc. complete.	Smt	782.78
22011	0	Providing and fixing Teak wood rail of 60mm x 20mm size and 50cm. length including 3 coats of oil paint to wood work with set of 3 pags.	Rmt	70.47
22014		Providing erecting and fixing double coated ISI water tank of required capacity each with all necessary fittings and connection etc. complete on terrace	litre	3.91
22015		Pro. and mixing Migratory Corrosion Admixture having Specific Gravity 1.01 to 1.04 pH value (Minimum 9.50) shall be alkaline in nature and having bipolar concrete penetrating corrosion inhibiting properties, inhibitor shall be non-nitrite based & have the ability to provide corrosion protection to both anodic and cathodic sites on the steel surface, inhibitor-steel complex shall formed polydentate complexes, having more than one bond with steel per molecule of inhibitor, with steel surface to promote proper film formation with enhanced bond to steel, inhibiting the electro-chemical corrosion reaction, inhibitor shall not have any adverse effect on concrete compressive strength, inhibitor shall have a corrosion rate of zero coulombs per ASTM-G109-2005, admixture shall be conforming to IS 9103 and in liquid form at the rate of 3 kg per cmt vol. of concrete admixture shall be added to the water during mixing of cement.	Cum	717.20

Item Code	Item No.as per NBO	Description	Unit	Rate in Rs. for 2023-24
22016		Pro. and mixing Migratory Corrosion Admixture having Specific Gravity 1.01 to 1.04 pH value (Minimum 9.50) shall be alkaline in nature and having bipolar concrete penetrating corrosion inhibiting properties, inhibitor shall be non-nitrite based & have the ability to provide corrosion protection to both anodic and cathodic sites on the steel surface, inhibitor-steel complex shall formed polydentate complexes, having more than one bond with steel per molecule of inhibitor, with steel surface to promote proper film formation with enhanced bond to steel, inhibiting the electro-chemical corrosion reaction, inhibitor shall not have any adverse effect on concrete compressive strength, inhibitor shall have a corrosion rate of zero coulombs per ASTM-G109-2005, admixture shall be conforming to IS 9103 and in liquid form at the rate of 5% by weight of cementitious materials.. Etc. complete.	Kg	14.13
22017		Providing and fixing Resin Bonded Rock Wool of density 48 kg / cum as & where required as directed by Engineer-in-Charge. Rock Wool confirming to IS: 8183	Cum	2710.97
22018		Providing and fixing Vapour Breather Membrane Confirming to IBC 2009 on Exterior Cement Board as & Where directed by Engineer-in-Charge.	Sqm	170.03
22019		Providing and Laying of One side alluminium foil thermal bubble insulation barrier on the external side of the LWGS wall Panel under the Cement Board as & Where directed by Engineer-in-Charge.	Sqm	135.44
22020		Providing and Fixing 12 mm thick moisture & fire resistant heavy duty Cement Fibre Board (High pressure steam cured) Confirming to ISO 4862-2000 in wall panels of one face of cold formed galvanised light gauge steel frame structure to form wall / partition as & Where directed by Engineer-in-Charge	Sqm	715.50

Item Code	Item No.as per NBO	Description	Unit	Rate in Rs. for 2023-24
22021		Supply & fixing factory finished cold formed Light guage steel frame sections confirming to SP:6 (5) 1980 at site or work including riveted, bolted or welded in builtup for all type of sections ,in framed work, cutting, hoisting, fixing in position and applying primer coat of approved steel primer etc. complete as per structural designs & directions of Engineer-in-charge.	Kg	113.31
22022		Anti-Termite System:Providing and laying of permanent piping technology anti-termite treatment before flooring work by installing LLDP (Low linear density polyethylene) tube of 8 mm O.D. & 6.4 mm 1.D. with inbuilt pressure compensation chip every 30 cm interval in the tube, having working pressure of 2 Kg/cm <sup>2</sup> and release rate of 1.9 ltr/hour fixed by P-clips and nails. The LLDP pipe shall be installed at the entire periphery of the building and at internal network of building at a depth of 20 to 200 mm under floor at every 2 to 3 mtr. c/c distance (adjusted as per building layout ) & Ends of loop pass through a PVC elbow of minimum 32 mm ID at junction box of wall and floor level, entering into a steel reinforced grooved flexible pipe of minimum 22 mm ID leading into junction box and the loops shall terminate in junction boxes & test every junction during injecting chemicals for termite control treatment. The anti mix as per IS-6313 (part III) shall be injected by the pressure pump diluted with water @ 10.5 ml/5 ltr of water at the rate of 2 Kg/sq.cm @ 5 Ltr/SMT. The contractor shall submit approved line plan for piping system and junction boxes dully approved by Engineer-in-Charge with bond of 5 year warranty.(i)Anti Termite chemical injected area (Chemical injecting incl. labour cost)	Sq.mt	133.00

Item Code	Item No.as per NBO	Description	Unit	Rate in Rs. for 2023-24
22023		<p>Anti-Termite System:Providing and laying of permanent piping technology anti-termite treatment before flooring work by installing LLDP (Low linear density polyethylene) tube of 8 mm O.D. &amp; 6.4 mm 1.D. with inbuilt pressure compensation chip every 30 cm interval in the tube, having working pressure of 2 Kg/cm<sup>2</sup> and release rate of 1.9 ltr/hour fixed by P-clips and nails. The LLDP pipe shall be installed at the entire periphery of the building and at internal network of building at a depth of 20 to 200 mm under floor at every 2 to 3 mtr. c/c distance (adjusted as per building layout ) &amp; Ends of loop pass through a PVC elbow of minimum 32 mm ID at junction box of wall and floor level, entering into a steel reinforced grooved flexible pipe of minimum 22 mm ID leading into junction box and the loops shall terminate in junction boxes &amp; test every junction during injecting chemicals for termite control treatment</p> <p>The anti termite chemical Imidacloprid 30.5% SC mix as per IS-6313 (part III) shall be injected by the pressure pump diluted with water @ 10.5 ml/5 ltr of water at the rate of 2 Kg/sq.cm @ 5 Ltr/SMT. The contractor shall submit approved line plan for piping system and junction boxes dully approved by Engineer-in-Charge with bond of 5 year warranty.(II)Anti Termite chemical injected area (Chemical injecting incl. labour cost)</p>	sq.mt	63.00

Item Code	Item No.as per NBO	Description	Unit	Rate in Rs. for 2023-24
<b>CHAPTER- 23 WATER SUPPLY PLUMBING &amp; SANITARY FITTING</b>				
23001AA	23.2	Providing and fixing to wall, ceiling and floor galvanised Mild steel tubes (Medium grade) of the following nominal bore, tube fitting and clamps including making good the wall ceiling and floor.(A) 15mm	Rmt	244.13
23001BA	23.2	Providing and fixing to wall, ceiling and floor galvanised Mild steel tubes (Medium grade) of the following nominal bore, tube fitting and clamps including making good the wall ceiling and floor.(B) 20mm	Rmt	297.25
23001CA	23.2	Providing and fixing to wall, ceiling and floor galvanised Mild steel tubes (Medium grade) of the following nominal bore, tube fitting and clamps including making good the wall ceiling and floor.(C) 25mm	Rmt	393.93
23001DA	23.2	Providing and fixing to wall, ceiling and floor galvanised Mild steel tubes (Medium grade) of the following nominal bore, tube fitting and clamps including making good the wall ceiling and floor.(D) 32mm	Rmt	491.51
23001EA	23.2	Providing and fixing to wall, ceiling and floor galvanised Mild steel tubes (Medium grade) of the following nominal bore, tube fitting and clamps including making good the wall ceiling and floor.(E) 40mm	Rmt	596.73
23001FA	23.2	Providing and fixing to wall, ceiling and floor galvanised Mild steel tubes (Medium grade) of the following nominal bore, tube fitting and clamps including making good the wall ceiling and floor.(F) 50mm	Rmt	779.60
23002AA	23.4	Providing and laying in trenches galvanised mild steel tubes (Medium grade) of the following nominal bore, and tube fitting (Earthwork in trenches to be measured and paid for separately)(A) 15mm	Rmt	150.91
23002BA	23.4	Providing and laying in trenches galvanised mild steel tubes (Medium grade) of the following nominal bore, and tube fitting (Earthwork in trenches to be measured and paid for separately)(B) 20mm	Rmt	190.97
23002CA	23.4	Providing and laying in trenches galvanised mild steel tubes (Medium grade) of the following nominal bore, and tube fitting (Earthwork in trenches to be measured and paid for separately) (C) 25mm	Rmt	279.39

Item Code	Item No.as per NBO	Description	Unit	Rate in Rs. for 2023-24
23002DA	23.4	Providing and laying in trenches galvanised mild steel tubes (Medium grade) of the following nominal bore, and tube fitting (Earthwork in trenches to be measured and paid for separately)(D) 40mm	Rmt	421.12
23002EA	23.4	Providing and laying in trenches galvanised mild steel tubes (Medium grade) of the following nominal bore, and tube fitting (Earthwork in trenches to be measured and paid for separately)(E) 65mm	Rmt	716.66
23002HA	23.4	Providing and laying in trenches galvanised mild steel tubes (Medium grade) of the following nominal bore, and tube fitting (Earthwork in trenches to be measured and paid for separately)(H) 80mm	Rmt	910.69
23003	23.6	Making connection of galvanised Mild steel distribution branch with galvanised mild steel main 50mm to 80mm nominal bore by providing and fixing tee including cutting and threading the pipes complete.	Each	600.08
23004A	23.8	Providing and fixing to wall ceiling and floor 6.0 Kg. F/Cm2 working pressure poluthene pipes of the following outside Dia. Low density, complete with special falnge compression type fittings, wall clipsetc. including making good the wall ceiling and floor.(A) 20mm	Rmt	78.12
23004B	23.8	Providing and fixing to wall ceiling and floor 6.0 Kg. F/Cm2 working pressure poluthene pipes of the following outside Dia. Low density, complete with special falnge compression type fittings, wall clipsetc. including making good the wall ceiling and floor.(B) 25mm	Rmt	100.49
23004C	23.8	Providing and fixing to wall ceiling and floor 10.0 Kg. F/Cm2 working pressure poluthene pipes of the following outside Dia. Low density, complete with special falnge compression type fittings, wall clipsetc. including making good the wall ceiling and floor.(C) 32mm	Rmt	116.40

Item Code	Item No.as per NBO	Description	Unit	Rate in Rs. for 2023-24
23004D	23.8	Providing and fixing to wall ceiling and floor 10.0 Kg. F/Cm2 working pressure poluthene pipes of the following outside Dia. Low density, complete with special falnge compression type fittings, wall clipsetc. including making good the wall ceiling and floor.(D) 40mm	Rmt	124.43
23004E	23.8	Providing and fixing to wall ceiling and floor 10.0 Kg. F/Cm2 working pressure poluthene pipes of the following outside Dia. Low density, complete with special falnge compression type fittings, wall clipsetc. including making good the wall ceiling and floor.(E) 50mm	Rmt	165.38
23004F	23.8	Providing and fixing to wall ceiling and floor 10.0 Kg. F/Cm2 working pressure polythene pipes of the following outside Dia. Low density, complete with special falnge compression type fittings, wall clipsetc. including making good the wall ceiling and floor.(F) 75mm	Rmt	274.68
23004G	23.8	Providing and fixing to wall ceiling and floor 10.0 Kg. F/Cm2 working pressure poluthene pipes of the following outside Dia. Low density, complete with special falnge compression type fittings, wall clipsetc. including making good the wall ceiling and floor.(G)110 mm	Rmt	332.91
23005BA	23.79	Providing and fixing cast iron spigot and socket soil, waste and ventilating pipes of the following nominal size.(B) 75mm dia.	Rmt	732.09
23005CA	23.79	Providing and fixing cast iron spigot and socket soil, waste and ventilating pipes of the following nominal size.(C) 100mm dia.	Rmt	881.64
23006B	0	Providing and fixing in position cowel went to pipes.(B) 75mm dia.	Each	385.88
23006C	0	Providing and fixing in position cowel went to pipes.(C) 100mm dia	Each	496.90
23008	23.857	Providing and fixing cast iron (Spun) Nahni trap of the following nominal diameter of self cleaning design with C.I. screaed down or higned grating including cost of cutting and making good the walls and floor 100mm inlet and 50mm outlet.(C) 100mm dia.	Each	600.08

Item Code	Item No.as per NBO	Description	Unit	Rate in Rs. for 2023-24
23009	23.111	Providing and fixing water closet squatting Pan (Indian type W.C. Pan) size 580mm (Earthwork, bed concrete, foot rest and trap to be measured and paid for separately) (A) Vitreous China.(I) Long pattern = White colour	Each	926.10
23010	23.112	Providing and fixing wash down water closet (European type, W.C. Pan) with integral P or S trap including jointing the trap with soil pipe in Cement Mortar 1:1 (1-Cement : 1-fine sand) (Seal and cover to be measured and paid for separately)(A) vitreous China Pattern :(i) in white colour	Each	1290.80
23011	23.113	Providing and fixing 100mm size P or S trap for water closet squatting pan including jointing the trap with the pan and soil pipe in cement Mortar 1:1 (1-Cement : 1-Fine sand)(A) Vitreous China.	Each	311.85
23012	23.114	Providing and fixing in Cement Mortar 1:3 (1-Cement : 3-coarse sand)a, pair of white vitreous China 250mm x 130mm x 30mm footrest to long pattern squatting pan water closet.	Each	113.54
23013	23.115	Providing and fixing 12.5 Litres low level flushing cistern with a pair, of C.I. or Mild brackets, complete with fittings such as lead valve less syphon, 15mm nominal size brass ball valve with polythene float, C.P brass handle unions and couplings for connections, with inlet, outlet and overflow pipes, 40mm dia. porcelain enamelled flush bend including cutting holes in walls and making good the same connecting the flush bend with cistern and closet (overflow pipe to be measured and paid for separately)(A) Vitreous China (I) In white colour	Each	2321.21
23014	23.116	Providing and fixing 12.5 Litres high level C..I. flushing cistern with A pair of C.I. or Mild steel brackets, complete with fittings such as syplionic arrangement, 15mm nominal size brass ball valve with polythene float, lever G.I. China (60 cm. ) and pull union and couplings for connections with inlet, outlet and overflow pipes etc. including cutting holes in walls and making good the same (overflow pipe to be measured and paid fo separately )	Each	1538.93

Item Code	Item No.as per NBO	Description	Unit	Rate in Rs. for 2023-24
23015	23.117	Providing and fixing in position with clamps etc. 32mm nominal internal diameter galvanised steel tube flush pipe for high level flushing cistern including connecting the flush pipe with cistern and closet and making good the walls and floors.	Rmt	338.46
23016	23.12	Providing and fixing G.I. inlet connection for flush pipe with W.C. Pan	Each	25.52
23017	23.121	Providing and fixing plastic seat and cover for wash down water closer with C.P. brass hinges and rubber buffers. (B) Black plastic seal and cover.	Each	288.45
23018	23.127	Providing and fixing washbasin with single hole for pillar tap with C.I. or M.S. brackets painted white including cutting holes and making good the same but excluding fittings.(A) Vitreous China:(ii) Flat Back washbasin 550 mm x v 400mm size. (i) In white colour.	Each	1400.18
23019	23.13	Providing and fixing Kitchen sink with C.I. or M.S. brackets, painted white including cutting holes in walls and making good the same but excluding fittings. (C) Vitreous China Sink.(i) 600mm x 450mm x 150mm size	Each	2257.69
23020A	23.135	Providing and fixing C.P. brass waste for washbasin or sink. (A) 32mmdia.	Each	67.24
23020B	23.135	Providing and fixing C.P. brass waste for washbasin or sink. (B) 40mm dia.	Each	88.94
23021A	23.136	Providing and fixing M.I. fisher union for washbasin or sink. (A) 32mm dia.	Each	77.97
23021B	23.136	Providing and fixing M.I. fisher union for washbasin or sink. (B) 40mm dia.	Each	87.77
23022	23.139	Providing and fixing 100mm sand cast iron grating for gully, floor or Nahni trap.	Each	36.61
23023	23.141	Providing and fixing C.P. brass shower rose with 15mm or 20mm inlet.(A) 100mm dia. Each	Each	279.37
23024	23.143	Providing and fixing 600mm x 450mm bevelled edge mirror of superior glass mounted on 6mm thick A.C. sheet or plywood sheet and fixing to wooden pluge with C.P. brass screws and washers.	Each	825.48
23025	23.144	Providing and fixing C.P. brass towel rail complete with C.P. brass brackets fixed to wooden plugs with C.P. brass scews.(B) 600mm x 20mm size.	Each	597.22

Item Code	Item No.as per NBO	Description	Unit	Rate in Rs. for 2023-24
23026	23.145	Providing and fixing 600mm x 120mm glass shelf with C.P. brass bracket and guard rail complete mixed to wooden plug with C.P. brass screws.	Each	561.03
23027	23.146	Providing and fixing toilet paper holder.(A) C.P. Brass	Each	414.53
23028A1	23.92	Providing and fixing screw down bib taps of following size.(A) Brass screw down bib tap polished bright. (i) 15mm dia.	Each	184.98
23028A2	23.92	Providing and fixing screw down bib taps of following size.(A) Brass screw down bib tap polished bright. (ii) 20mm dia.	Each	212.68
23028B1	23.92	Providing and fixing screw down bib taps of following size.(B) Brass chromium plated screws down Bib Tap. (i) 15mm dia.	Each	184.98
23028B2	23.92	Providing and fixing screw down bib taps of following size.(B) Brass chromium plated screws down Bib Tap. (ii) 20mm dia.	Each	212.68
23028C1	23.92	Providing and fixing screw down bib taps of following size.(C) Gun metal screw down bib tap. (i) 15mm dia.	Each	157.29
23028C2	23.92	Providing and fixing screw down bib taps of following size.(C) Gun metal screw down bib tap. (ii) 20mm dia.	Each	176.09
23029A	23.95	Providing and fixing pillar tap, capstan head, screw down high pressure with screws, shanks and back nuts. (i) 15mm dia.	Each	305.67
23029B	23.95	Providing and fixing pillar tap, capstan head, screw down high pressure with screws, shanks and back nuts. (ii) 20mm dia.	Each	351.18
23030A	23.96	Providing and fixing brass screw down stop tap.(A) 15mm dia.	Each	203.79
23030B	23.96	Providing and fixing brass screw down stop tap.(B) 20mm dia.	Each	221.59
23030C	23.96	Providing and fixing brass screw down stop tap.(C) 25mm dia.	Each	218.63
23031A	23.99	Providing and fixing Gun metal check or non-return fullway wheel valve.(A) 15mm dia.	Each	184.98
23031B	23.99	Providing and fixing Gun metal check or non-return fullway wheel valve.(B) 20mm dia.	Each	201.80
23031C	23.99	Providing and fixing Gun metal check or non-return fullway wheel valve.(C) 25mm dia.	Each	416.47
23031D	23.99	Providing and fixing Gun metal check or non-return fullway wheel valve.(D) 32mm dia.	Each	311.61
23031E	23.99	Providing and fixing Gun metal check or non-return fullway wheel valve.(E) 40mm dia.	Each	656.86

Item Code	Item No.as per NBO	Description	Unit	Rate in Rs. for 2023-24
23032A	0	Providing and fixing chromium plated brass half trun flush cock of approved quality including fixing in pipe line etc. complete.(i) 20mm dia.	Each	252.26
23032B	0	Providing and fixing chromium plated brass half trun flush cock of approved quality including fixing in pipe line etc. complete.(ii) 25mm dia.	Each	261.16
23032C	0	Providing and fixing chromium plated brass half trun flush cock of approved quality including fixing in pipe line etc. complete.(iii) 32mm dia.	Each	273.03
23033	23.122	Providing and fixing Urinal or approved quality including connecting the Urinal with waste pipe , tap etc. complete.(A) White earthenware flat back or corner type size 430mm x 260mm x 350mm.	Each	1026.01
23034	23.124	Providing and fixing Urinal of approved quality including connection with trap and with integral longitudinal flush pipe.(A) Squating plate pattern white earthenware 550mm x 300mm.	Each	1535.63
23035	23.134	Providing and fixing Rubber plug for sink or wash basin.	Each	16.98
23036	0	Providing and fixing chromium plated, bottle trap with necessary couplings of approved quality for wash basin.	Each	292.87
23037A1	0	Providing and fixing ball cock of approved. quality as directed.(A) Copper Metal (i) 25mm dia.	Each	131.57
23037A2	0	Providing and fixing ball cock of approved. quality as directed.(A) Copper Metal (ii) 50mm dia.	Each	187.96
23037B1	0	Providing and fixing ball cock of approved. quality as directed.(B) Abonite (i) 25mm dia.	Each	101.89
23037B2	0	Providing and fixing ball cock of approved. quality as directed.(B) Abonite (ii) 50mm dia.	Each	136.52
23038	0	Providing and fixing C.I. Manhole cover 0.60 M. x 0.45M. size having weight not less than 35Kg.	Each	948.68
23039	0	Providing and fixing G.I. Rain water spout of 50mm dia. and 30cm. length.	Each	100.90

Item Code	Item No.as per NBO	Description	Unit	Rate in Rs. for 2023-24
23055		Providing and fixing concealed center point to wall ceiling & floor CPVC (SDR 13.5) PIPE having National Sanitation Foundation (NSF) seal for potable water of following dia. nominal bore tube fittings and clamps including making good the wall, ceiling and floor etc. complete.[A] 15 mm.	Rmt	165.21
23056		Providing and fixing concealed center point to wall ceiling & floor CPVC (SDR 13.5) PIPE having National Sanitation Foundation (NSF) seal for potable water of following dia. nominal bore tube fittings and clamps including making good the wall, ceiling and floor etc. complete. [B] 20 mm.	Rmt	202.97
23057		Providing and fixing concealed center point to wall ceiling & floor CPVC (SDR 13.5) PIPE having National Sanitation Foundation (NSF) seal for potable water of following dia. nominal bore tube fittings and clamps including making good the wall, ceiling and floor etc. complete. [C] 25 mm.	Rmt	247.25
23058		Providing and fixing concealed center point to wall ceiling & floor CPVC (SDR 13.5) PIPE having National Sanitation Foundation (NSF) seal for potable water of following dia. nominal bore tube fittings and clamps including making good the wall, ceiling and floor etc. complete. [D] 32mm.	Rmt	330.36
23059		Providing and fixing concealed center point to wall ceiling & floor CPVC (SDR 13.5) PIPE having National Sanitation Foundation (NSF) seal for potable water of following dia. nominal bore tube fittings and clamps including making good the wall, ceiling and floor etc. complete. [E] 40mm.	Rmt	437.66
23060		Providing and fixing concealed center point to wall ceiling & floor CPVC (SDR 13.5) PIPE having National Sanitation Foundation (NSF) seal for potable water of following dia. nominal bore tube fittings and clamps including making good the wall, ceiling and floor etc. complete. [F] 50mm.	Rmt	647.30

Item Code	Item No.as per NBO	Description	Unit	Rate in Rs. for 2023-24
23061		Providing laying and jointing in true line and level 15mm dia. U.P.V.C. Pipe ( SCH- 40) for cold water including fittings as approved by Engineer In Charge. Pipe shall be fixed on the wall with the help of clamp at every two metre C/C or shall be concealed as directed including necessary fittings etc. including testing of pipe and joints and fixing the same with adhesive solvent, including cost of all materials.	Rmt	71.93
23062		Providing laying and jointing in true line and level 25mm dia. U.P.V.C. Pipe ( SCH- 40) for cold water including fittings as approved by Engineer In Charge. Pipe shall be fixed on the wall with the help of clamp at every two metre C/C or shall be concealed as directed including necessary fittings etc. including testing of pipe and joints and fixing the same with adhesive solvent, including cost of all materials.	Rmt	90.93
23063		Providing laying and jointing in true line and level 32mm dia. U.P.V.C. Pipe ( SCH- 40) for cold water including fittings as approved by Engineer In Charge. Pipe shall be fixed on the wall with the help of clamp at every two metre C/C or shall be concealed as directed including necessary fittings etc. including testing of pipe and joints and fixing the same with adhesive solvent, including cost of all materials.	Rmt	117.97
23064		Providing laying and jointing in true line and level 40mm dia. U.P.V.C. Pipe ( SCH- 40) for cold water including fittings as approved by Engineer In Charge. Pipe shall be fixed on the wall with the help of clamp at every two metre C/C or shall be concealed as directed including necessary fittings etc. including testing of pipe and joints and fixing the same with adhesive solvent, including cost of all materials.	Rmt	146.65
23065		Providing laying and jointing in true line and level 50mm dia. U.P.V.C. Pipe ( SCH- 40) for cold water including fittings as approved by Engineer In Charge. Pipe shall be fixed on the wall with the help of clamp at every two metre C/C or shall be concealed as directed including necessary fittings etc. including testing of pipe and joints and fixing the same with adhesive solvent, including cost of all materials.	Rmt	193.73

Item Code	Item No.as per NBO	Description	Unit	Rate in Rs. for 2023-24
23066		Providing, laying and jointing in true line and level 160 diametre U.P.V.C (Type B) conforming to IS 13592-1992 with one end plain and other end socketed with rubber ring, & fittings conforming to ISI 14735-1999 of approved make for drainage system pipe line, pipe shall be jointed with each other with rubber lubricant, pipe shall be fixed on wall using of PVC clamp of the size 160 mm diametre x 210 mm length x 196 mm heigh at every 2000 mm center to center or shall be concealed in walls as directed including necessary fittings such as bends, shoes etc. including testing of pipes and joints and jointed with adhesive solvent cement including cost of all materials.	Rmt	822.99
23067		Providing, laying and jointing in true line and level 110 diametre U.P.V.C (Type B) conforming to IS 13592-1992 with one end plain and other end socketed with rubber ring, & fittings conforming to ISI 14735-1999 of approved make for drainage system pipe line, pipe shall be jointed with each other with rubber lubricant, pipe shall be fixed on wall using of PVC clamp of the size 110 mm diametre x 149 mm length x 145 mm heigh at every 2000 mm center to center or shall be concealed in walls as directed including necessary fittings such as bends, shoes etc. including testing of pipes and joints and jointed with adhesive solvent cement including cost of all materials.	Rmt	826.88
23068		Providing and fixing PVC SWR Nahni trap IS 14735 for drain - 100 mm diameter with jali of the following nominal diameter of self cleansing design with C.I scread down or hinged grating including the cost of cutting and making good the walls.	each	565.43
23069		Providing and fixing PVC SWR Nahni trap IS 14735 for drain - 75 mm diameter with jali of the following nominal diameter of self cleansing design with C.I scread down or hinged grating including the cost of cutting and making good the walls.	each	552.83

Item Code	Item No.as per NBO	Description	Unit	Rate in Rs. for 2023-24
<b>CHAPTER- 24 DRAINAGE &amp; SEWERAGE ITEM</b>				
24001AA	24.1	Providing and laying (to level or slopes) and jointing with stiff mixture of Cement Mortar in proportion 1:1 Salt glazed stoneware pipes including testing of pipes and joints complete.(A) 100mm dia.	Rmt	211.05
24001BA	24.1	Providing and laying (to level or slopes) and jointing with stiff mixture of Cement Mortar in proportion 1:1 Salt glazed stoneware pipes including testing of pipes and joints complete.(B) 150mm dia.	Rmt	288.23
24002A	24.2	Providing and laying Cement concrete 1:5:10 (1-Cement : 5-Fine sand :10-Graded stone aggregate 40mm nominal size) bedding for stoneware pipes of following internal diameters with necessary formwork and curing complete.(A) 100 mm dia. (112 mm Ave.bed thickness)	Rmt	125.90
24002B	24.2	Providing and laying Cement concrete 1:5:10 (1-Cement : 5-Fine sand :10-Graded stone aggregate 40mm nominal size) bedding for stoneware pipes of following internal diameters with necessary formwork and curing complete.(B) 150mm dia. (166mm Ave. bed thickness)	Rmt	211.59
24003A	0	Providing and laying lime concrete 1:2:4 (1-Lime putty :2-Fine sand : 4-Graded brick aggregates 40mm nominal size) bedding for stoneware pipes of following internal diameters with necessary formwork and curing complete.(A) 100 mm dia. 300mm width (112 mm Ave.bed thickness)	Rmt	105.84
24003B	0	Providing and laying lime concrete 1:2:4 (1-Lime putty :2-Fine sand : 4-Graded brick aggregates 40mm nominal size) bedding for stoneware pipes of following internal diameters with necessary formwork and curing complete.(B) 150mm dia. 450mm width (166mm Ave. bed thickness)	Rmt	177.98
24004A1A	24.17	Extra over item 24.1 for providing salt Glazed stoneware fittings.(i) Bends of required degree (any radius) of following nominal diameters. (A) 100mm dia.	Each	55.61
24004A2A	24.17	Extra over item 24.1 for providing salt Glazed stoneware fittings.(i) Bends of required degree (any radius) of following nominal diameters.(B) 150mm dia.	Each	63.16

Item Code	Item No.as per NBO	Description	Unit	Rate in Rs. for 2023-24
24004BA	24.17	Extra over item 24.1 for providing salt Glazed stoneware fittings.(ii) Taper bend of required degree of following internal diameters.(A) 100mm x 150mm	Each	73.59
24004C1A	24.17	Extra over item 24.1 for providing salt Glazed stoneware fittings.(iii) Single Junction of required angle of following internal diameters. (A) 100mm.	Each	67.15
24004C2A	24.17	Extra over item 24.1 for providing salt Glazed stoneware fittings.(iii) Single Junction of required angle of following internal diameters. (B) 150mm.	Each	119.23
24005A	24.18	Providing and laying jointing and pointing with stiff mixture of Cement Mortar 1:1 (1-Cement : 1-Fine sand) 150 mm internal diameter salt glazed stoneware half round channels.	Rmt	179.16
24006AA	24.19	Providing and fixing S.W. gully trap with C.I. grating brick masonry chamber and water tight C.I. cover with frame of 300mm x 300mm size (inside) with standard weight.(i) Square mouth traps. (A) 100mm x 100mm size P type.	Each	1279.40
24006B	24.19	Providing and fixing S.W. gully trap with C.I. grating brick masonry chamber and water tight C.I. cover with frame of 300mm x 300mm size (inside) with standard weight.(i) Square mouth traps.(B) 150mm x 100mm size P or R type	Each	1234.57
24007BA	24.22	Providing laying (to level or slopes) and jointing reinforced concrete Light duty non-pressure pipes I.S. class NP2 of the following internal diameter with collars and butt ends prepared for collar joints including testing of joints complete.(B) 150mm	Rmt	246.21
24007CA	24.22	Providing laying (to level or slopes) and jointing reinforced concrete Light duty non-pressure pipes I.S. class NP2 of the following internal diameter with collars and butt ends prepared for collar joints including testing of joints complete.(C) 250mm	Rmt	344.59
24007DA	24.22	Providing laying (to level or slopes) and jointing reinforced concrete Light duty non-pressure pipes I.S. class NP2 of the following internal diameter with collars and butt ends prepared for collar joints including testing of joints complete.(D) 300mm	Rmt	658.89

Item Code	Item No.as per NBO	Description	Unit	Rate in Rs. for 2023-24
24007EA	24.22	Providing laying (to level or slopes) and jointing reinforced concrete Light duty non-pressure pipes I.S. class NP2 of the following internal diameter with collars and butt ends prepared for collar joints including testing of joints complete.(E) 450mm	Rmt	1050.09
24007FA	24.22	Providing laying (to level or slopes) and jointing reinforced concrete Light duty non-pressure pipes I.S. class NP2 of the following internal diameter with collars and butt ends prepared for collar joints including testing of joints complete.(F) 500mm	Rmt	1222.55
24007GA	24.22	Providing laying (to level or slopes) and jointing reinforced concrete Light duty non-pressure pipes I.S. class NP2 of the following internal diameter with collars and butt ends prepared for collar joints including testing of joints complete.(G) 600mm	Rmt	1367.52
24007HA	24.22	Providing laying (to level or slopes) and jointing reinforced concrete Light duty non-pressure pipes I.S. class NP2 of the following internal diameter with collars and butt ends prepared for collar joints including testing of joints complete.(H) 900mm	Rmt	2162.68
24007KA	24.22	Providing laying (to level or slopes) and jointing reinforced concrete Light duty non-pressure pipes I.S. class NP2 of the following internal diameter with collars and butt ends prepared for collar joints including testing of joints complete.(K) 1000mm	Rmt	2476.48
24007MA	24.22	Providing laying (to level or slopes) and jointing reinforced concrete Light duty non-pressure pipes I.S. class NP2 of the following internal diameter with collars and butt ends prepared for collar joints including testing of joints complete.(M) 1200mm	Rmt	3151.45

Item Code	Item No.as per NBO	Description	Unit	Rate in Rs. for 2023-24
24008A	24.27	Constructing Manhole with R.C.C. top slab in 1:2:4 mix (1-cement :2-coarse sand : 4-graded stone aggregate 20mm nominal size) foundation concrete 1:3:6 mix (1-cement : 3- coarse sand :6-Brick bats 40 + 50mm size) inside plastering 15mm thick with Cement Mortar 1:3 (1-Cement : 3-coarse sand) finished with a floating coat of neat cement and making channels in cement concrete 1:2:4 mix (1-Cement :2-Coarse sand :4-stone aggregate 20mm nominal size) finished smooth complete including curing and festing (i) Inside size 900mm x 1200mm and 1.5M. deep including C.I. cover with frame size 560mm diameter total weight of cover and frame to be not less than 128 kgs. (Wt. of cover 64 Kg. and Wt. of frame 64 Kg.)(A) With 230mm thick walls of brick msonry using brick having crushing strength not less than 35Kg. / Sq.cm. in Cement Mortar 1:5 (1- Cement: 5-Coarse sand) (1) A type depth 0.90 Metre for 150mm diameter sewer.	Each	10920.76
24008B	24.27	Constructing Manhole with R.C.C. top slab in 1:2:4 mix (1-cement :2-coarse sand : 4-graded stone aggregate 20mm nominal size) foundation concrete 1:3:6 mix (1-cement : 3- coarse sand :6-Brick bats 40 + 50mm size) inside plastering 15mm thick with Cement Mortar 1:3 (1-Cement : 3-coarse sand) finished with a floating coat of neat cement and making channels in cement concrete 1:2:4 mix (1-Cement :2-Coarse sand :4-stone aggregate 20mm nominal size) finished smooth complete including curing and festing (i) Inside size 900mm x 1200mm and 1.5M. deep including C.I. cover with frame size 560mm diameter total weight of cover and frame to be not less than 128 kgs. (Wt. of cover 64 Kg. and Wt. of frame 64 Kg.)(A) With 230mm thick walls of brick msonry using brick having crushing strength not less than 35Kg. / Sq.cm. in Cement Mortar 1:5 (1- Cement: 5-Coarse sand) (2) B type depth 1.50 Metre for 150mm diameter sewer.	Each	19139.07

Item Code	Item No.as per NBO	Description	Unit	Rate in Rs. for 2023-24
24008C	24.27	Constructing Manhole with R.C.C. top slab in 1:2:4 mix (1-cement :2-coarse sand : 4-graded stone aggregate 20mm nominal size) foundation concrete 1:3:6 mix (1-cement : 3- coarse sand :6-Brick bats 40 + 50mm size) inside plastering 15mm thick with Cement Mortar 1:5 (1-Cement : 5-coarse sand) finished with a floating coat of neat cement and making channels in cement concrete 1:2:4 mix (1-Cement :2-Coarse sand :4-stone aggregate 20mm nominal size) finished smooth complete including curing and festing (i) Inside size 900mm x 1200mm and 1.5M. deep including C.I. cover with frame size 560mm diameter total weight of cover and frame to be not less than 128 kgs. (Wt. of cover 64 Kg. and Wt. of frame 64 Kg.)(A) With 230mm thick walls of brick msonry using brick having crushing strength not less than 35Kg. / Sq.cm. in Cement Mortar 1:5 (1- Cement: 5-Coarse sand) (3) C type depth 2.25 Metre for 150mm diameter sewer.	Each	23209.64
24008D	24.27	(A) With 230mm thick walls of brick msonry using brick having crushing strength not less than 35Kg. / Sq.cm. in Cement Mortar 1:5 (1- Cement: 5-Coarse sand) (4) D type depth 3.15 Metre for 150mm diameter sewer.	Each	29952.74
24009A	24.28	(I) Extra rate for constructing B.B. masonry for every additional depth of 0.1M. or Part thereof over item No.24.27 (I) for depth from 0.9M to 1.5M.	Each	517.78
24009B	24.28	(II) Extra rate for constructing B.B. masonry for every additional depth of 0.1M. GR Part thereof over item No.24.27 (I) for depth from 1.50M. to 2.25M.	Each	393.26
24009C	24.28	(III) Extra rate for constructing B.B. masonry for every additional depth of 0.1M. or Part thereof over item No. 24.27 (III) for depth from 2.25M to 3.15M.	Each	544.95
24009D	24.28	(IV) Extra rate for constructing B.B. masonry for every additional depth of 0.1M. or Part thereof over item No. 24.27 (IV) for depth above 3.15M.	Each	647.03
24010	24.33	Providing and fixing cast iron steps of size 500mm x 150mm x 22.5mm and painting with two coats of Anti-corrosive paint etc. complete.	Each	162.23

Item Code	Item No.as per NBO	Description	Unit	Rate in Rs. for 2023-24
24011A	24.35	Supplying and fixing C.I. cover 300mm x 300mm without frame for Gulley trap (Standard pattern) te weight of cover to be not less 4.53 Kg.)	Each	491.80
24012A	24.39	Providing and erecting at the site of work steel ventilating column of 150m internal diameter and 12.20 Metre High from G.L. to bottom of top grill including C.I. grill and base plate bolts and nuts etc. and excavation in foundation of size 120cm. x 120vc. x 165cm. and filling the pit with first layer of cement concrete 1:3:6 mix (1-cement :3-coarse sand :6-graded stone aggregate 20mm nominal size) of 120cm. x 120cm. x 90cm. and remaining pit with B.B.C. 1:3:6 mix (1-cement :3-coarse sand:6-Brickbats 40+50mm size) and providing fillet in Cement concrete 1:2:4 mix (1-cement :2- coarse sand :4-graded stone aggregate 20mm. nominal size) at G.L. and 3 coats of silver paint etc. complete.	Each	41557.95
24013A	24.4	Constructing Brick masonry road gully chamber 500mm x 450mm x 600mm including 500mm x 450mm C.I. horizontal grating wih frame complete.	Each	1997.22
24014	24.41	Constructing Brick masonry road gully chamber 450mm x 450mm x 775mm with vertical gating complete.	Each	2520.65
24015A	24.42	Constructing brick masonry road gully chamber 1100mm x 775mm including 500mm x 450mm (C.I. horizontal grating with frame and vertical grating complete.)	Each	5077.80
24016AA	24.44	Constructing brick masonry chamber for underground C.I. Inspection chamber and bends with bricks having crushing strength not less than 35Kg/Cm <sup>2</sup> in C.M. 1:5 C.I. cover with frame (Light duty) 455mm x 610mm intenal dimensions total weight of cover with frame to be not less than 38Kg. (Wt. of cover 23 Kg.) and Wt. of frame 15Kg. ) (R.C.C. top slabe with 1:2:4 mix (1-cement :2-coarse sand :4-graded stone aggregate 20mm size) foundation concrete 1:5:10 inside plaster 15mm thick with cement mortar 1:3 finished smooth with a floating coat of neat cement on walls and bed concrete etc. complete.(i) Inside dimensions 455mmx 610mm and 450mm deep for single pipe line.	Each	2903.89

Item Code	Item No.as per NBO	Description	Unit	Rate in Rs. for 2023-24
24016BA	24.44	Constructing brick masonry chamber for underground C.I. Inspection chamber and bends with bricks having crushing strength not less than 35Kg/Cm <sup>2</sup> in C.M. 1:5 C.I. cover with frame (Light duty) 455mm x 610mm internal dimensions total weight of cover with frame to be not less than 38Kg. (Wt. of cover 23 Kg.) and Wt. of frame 15Kg. ) (R.C.C. top slabe with 1:2:4 mix (1-cement :2-coarse sand :4-graded stone aggregate 20mm size) foundation concrete 1:5:10 inside plaster 15mm thick with cement mortar 1:3 finished smooth with a floating coat of neat cement on walls and bed concrete etc. complete.(ii) Inside dimensions 500mm x 700 mm and 450mm deep for pipe line with one or two inlets.	Each	3624.51
24016CA	24.44	Constructing brick masonry chamber for underground C.I. Inspection chamber and bends with bricks having crushing strength not less than 35Kg/ Cm <sup>2</sup> in C.M. 1:5 C.I. cover with frame (Light duty) 455mm x 610mm internal dimensions total weight of cover with frame to be not less than 38Kg. (Wt. of cover 23 Kg.) and Wt. of frame 15Kg. ) (R.C.C. top slabe with 1:2:4 mix (1-cement :2-coarse sand :4-graded stone aggregate 20mm size) foundation concrete 1:5:10 inside plaster 15mm thick with cement mortar 1:3 finished smooth with a floating coat of neat cement on walls and bed concrete etc. complete.(iii) Inside dimensions 600mm x 850 mm and 450mm deep for pipe lines with three or more inlets.	Each	7109.35
24017A	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.	Each	239.99
24017B	24.46	Extra over items 24.44 for every additional depth of 0.1M. of part thereof beyond 450mm depth for Brick masonry chamber.(ii) for 500mm x 700mm size.	Each	262.24
24017C	24.46	Extra over items 24.44 for every additional depth of 0.1M. of part thereof beyond 450mm depth for Brick masonry chamber.(iii) for 600mm x 850mm size.	Each	322.37

Item Code	Item No.as per NBO	Description	Unit	Rate in Rs. for 2023-24
24018AA	0	(A) Providing sock pit of 2.00 Cu.M. Volume including excavating and filling brickbats with dry masonry work at top for 45cm. height including covering the top with stone including providing vatas in C.M. 1:3 with finishing curing etc. complete as directed.	Each	1334.91
24018BA	0	(B) Providing sock pit of 5.00 Cu.M. Volume including excavating and filling brickbats with dry masonry work at top for 45cm. height including covering the top with stone including providing vatas in C.M. 1:3 with finishing curing etc. complete as directed.	Each	3338.80

## STANDARDS 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 ehservin in actual execution)

<b>BUILDING ITEMS</b>				
Item Code	Item No. as per NBO	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</b>				
02005A	2.5.11	1 : 1 (1 Cement : 1 Sand)	Cu.M.	1020.00
02006A	2.5.12	1 : 2 (1 Cement : 2 Sand)	Cu.M.	680.00
02007A 02011A	2.5.13/ 2.5.18	1 : 3 (1 Cement : 3 Sand)	Cu.M.	510.00
02008A	2.5.14	1 : 4 (1 Cement : 4 Sand)	Cu.M.	380.00
02009A 02013A	2.5.15 / 2.5.20	1 : 5 (1 Cement : 5 Sand)	Cu.M.	310.00
02010A 02014A	2.5.16 / 2.5.21	1 : 6 (1 Cement : 6 Sand)	Cu.M.	250.00
02015A	0.0	1 : 8 (1 Cement : 8 Sand)	Cu.M.	191.40
<b>CHAPTER-5. CONCRETE WORK CEMENT CONCRETE</b>				
05003A 05005A	5.3.2 / 5.3.14	1 : 3 : 6 (1 cement : 3 sand : 6 graded aggregates)	Cu.M.	220.00
05004A	5.3.3	1 : 4 : 8 (1 cement : 4 Sand : 8 graded aggregates)	Cu.M.	160.00
05006A 05008A	5.3.4 / 5.3.8	1 : 5 : 10 (1 cement : 5 Sand : 10 graded aggregates)	Cu.M.	130.00
05010AA	5.3.13	1 : 2 : 4 (1 cement : 2 Sand : 4 graded aggregates)	Cu.M.	320.00
05012A	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.	393.00 (Including 73 Kg. for finishing)
5017	5.4.16	Smooth finishing of exposed surface with cement mortar 1 : 3	Sq.M.	3.67
05021A	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
<b>CHAPTER-6. BRICK WORK</b>				
06001AA 06001BA 06001CA	6.12	In cement mortar 1:5 (1 cement : 5 sand) (A) MODULAR (B) CONVENTIONAL	Cu.M. Cu.M.	65.10 74.40
06002AA 06002BA 06002CA	6.13	In cement mortar 1:6 (1 cement : 6 sand) (A) MODULAR (B) CONVENTIONAL	Cu.M. Cu.M.	52.50 60.00

Item Code	Item No. as per NBO	Brief Description of Item	Unit	Quantity of cement to be used per unit quantity of works. [In Kg.]
1	2	3	4	5
06003AA	0.0	In cement mortar 1:8 (1 cement : 8 sand)	Cu.M.	40.19
06003BA		(A) MODULAR	Cu.M.	45.94
06003CA		(B) CONVENTIONAL		
<b>HALF BRICK WORK</b>				
06008A1A	6.13 (I)	In cement mortar 1:4 (1 cement : 4 sand)	Sq.M.	9.50
06008A2A		(A) MODULAR	Sq.M.	10.64
06008A3A		(B) CONVENTIONAL		
06008B1A	6.30 (II)	In cement mortar 1:5 (1 cement : 5 sand)	Sq.M.	7.75
06008B2A		(A) MODULAR	Sq.M.	8.68
06008B3A		(B) CONVENTIONAL		
06008C1A	6.31	In cement mortar 1:3 (1 cement : 3 sand)	Sq.M.	12.75
06008C2A		(A) MODULAR	Sq.M.	14.28
06008C3A		(B) CONVENTIONAL		
<b>MISCELLANEOUS</b>				
06012AA	6.55	Half brick thick honey comb brick work	Sq.M.	6.02
06012BA		(I) In cement mortar 1:4 (1 cement : 4 sand)	Sq.M.	4.91
06012CA		(II) In cement mortar 1:5 (1 cement : 5 sand)		
<b>CHAPTER-7. STONE WORK AND CONCRETE BLOCK MASONRY</b>				
07001AA	7.6	(I) In cement mortar 1:6 (1 cement : 6 sand)	Cu.M.	82.50
07001BA		(II) In cement mortar 1:5 (1 cement : 5 sand)	Cu.M.	102.30
07001CA				
<b>COURSED RUBBLE MASONRY</b>				
07004A	7.17(A)	In Cement motar 1:6 (1 Cement : 6 sand)	Cu.M.	75.00
07005AA	7.17(B)	In Cement motar 1:5 (1 Cement : 5 sand)	Cu.M.	93.00
07005BA	7.17(C)	In Cement motar 1:4 (1 Cement : 4 sand)	Cu.M.	114.00
07005CA	7.17(E)	In Cement motar 1:3 (1 Cement : 3 sand)	Cu.M.	153.00
07009A	0.0	White stone bela masonry in cement motar 1:4 (1 Cement : 4 Sand)	Sq.M.	5.70
07010A	0.0	White stone bela masonry in cement motar 1:5 (1 Cement : 5 Sand)	Cu.M.	65.10
07011A	0.0	White stone bela masonry in partition wall in B.m. 1:6 (1 Cement : 6 Sand)	Cu.M.	62.50
07012A	7.75	Precast Concrete block masonry in cement motar 1:6 (1 Cement : 6 Sand)	Cu.M.	23.81
07014A	7.82	Precast Concrete block masonar / in partition wall in cement motar 1 :4 (1 Cement : 4 Sand)	Sq.M.	4.09

Item Code	Item No. as per NBO	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-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 proportion 4:7 (4 Cement marble powder mix : 7 marble chips by col		
14001AA	(A)	Dark shade pigment with ordinary cement (In top layer only)	Sq.M.	16.33
14001BA	(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 proportion of 4:7 (4 Cement marble powde		
14002AA	(A)	Dark shade pigment with ordinary cement (In top layer only)	Sq.M.	13.89
14002BA	(B)	Light shade pigment with white cement ( In top layer only)	Sq.M.	13.89 (Incl. 4.05 kg. white cement)
<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 near cement sluary with precast tiles of		
14004AA	(A)	Light shade using white cement	Sq.M.	11.61 (Incl. 0.83 kg. white cement)
14004BA	(B)	Dark shade using ordinary cement	Sq.M.	11.61 (Incl. 0.83 kg. white cement)
<b>CHEQUERED TERRAZO TILES FLOORING</b>				
	14.25	Chequered terrazo tiles 22 mm thick in flooring on a 6 sand jointed with neat cement slurry		

Item Code	Item No. as per NBO	Brief Description of Item	Unit	Quantity of cement to be used per unit quantity of works. [In Kg.]
1	2	3	4	5
14006AA	(A)	Light shade using white cement	Sq.M.	11.61 (Including 0.83 kg of white cement)
14006BA		Dark shade using ordinary cement	Sq.M.	11.61 (Including 0.83 kg of white cement)
	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		
14007AA	(A)	Light shade using white cement	Sq.M.	8.83 (Including 0.83 kg of white cement)
14007BA	(B)	Dark shade using ordinary cement	Sq.M.	8.83 (Including 0.83 kg of white cement)
<b>New Items included in the S.O.R. for the year 1985 - 86 (Govt. Letter No. SOR-1083/12/H/(1), dated : 19-3-86)</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		
14003BA	(A)	Light shade using white cement	Sq.M.	11.61 (Including 0.83 kg of white cement)
14003CA	(B)	Dark shade using ordinary cement	Sq.M.	11.61 (Including 0.83 kg of white cement)

Item Code	Item No. as per NBO	Brief Description of Item	Unit	Quantity of cement to be used per unit quantity of works. [In Kg.]
1	2	3	4	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.
14005AA	(A)	Light shade using white cement	Sq.M.	11.35 (Including 0.83 kg of white cement)
14005CA	B)	Dark shade using ordinary cement	Sq.M.	11.35 (Including 0.83 kg of white cement)
<b>WHITE GLAZED TILES FLOORING</b>				
14008AA	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
14009AA	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
<b>KOTAH STONE FLOORING</b>				
	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		
14012AA	(A)	25 mm. thick	Sq.M.	12.00
14012BA	(B)	30 mm thick	Sq.M.	12.40
14013A	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
	14.46	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)		
14014AA	(A)	25 mm. thick	Sq.M.	9.31
14014BA	(B)	40 mm thick	Sq.M.	9.31
<b>CEMENT CONCRETE FLOORING</b>				
	14.71	Cement concrete flooring 1:2:4 (1 cement : 2 sand : 4 stone aggregator) finishing with a fleating coat of neat cement		

Item Code	Item No. as per NBO	Brief Description of Item	Unit	Quantity of cement to be used per unit quantity of works. [In Kg.]
1	2	3	4	5
14015AA	(A)	40 mm. thick	Sq.M.	15.00
14015BA	(B)	50 mm thick	Sq.M.	18.20
14016A	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
14017A	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
14018AA	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
14019A	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>				
15007	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
15013	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		
17001A	(I)	Cement motar 1:3 (1cement : 3 sand)	Sq.M.	5.82
17001B	(II)	Cement motar 1:4 (1cement : 4 sand)	Sq.M.	4.33
17001C	(III)	Cement motar 1:6 (1cement : 6 sand)	Sq.M.	2.85
	17.60	15 mm. thick cement plaster in		
17002A	(I)	Cement motar 1:3 (1cement : 3 sand)	Sq.M.	8.42
17002B	(II)	Cement motar 1:4 (1cement : 4 sand)	Sq.M.	6.27
17002C	(III)	Cement motar 1:6 (1cement : 6 sand)	Sq.M.	4.13
	17.61	20 mm. thick cement plaster in		
17003A	(I)	Cement motar 1:3 (1cement : 3 sand)	Sq.M.	11.42
17003B	(II)	Cement motar 1:4 (1cement : 4 sand)	Sq.M.	8.51
17003C	(III)	Cement motar 1:6 (1cement : 6 sand)	Sq.M.	5.60
17004A	17.69	Finish with a floating coat of neat cement slurry	Sq.M.	2.20
<b>SAND FACED PLASTER</b>				
17009	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>				
17010A	7.116	Pointing on brick work with cement mortar 1:3 (1 cement : 3 sand)	Sq.M.	1.53

Item Code	Item No. as per NBO	Brief Description of Item	Unit	Quantity of cement to be used per unit quantity of works. [In Kg.]
1	2	3	4	5
17010B		Pointing on brick work with cement mortar 1:4 (1 cement : 4 sand)	Sq.M.	1.14
<b>POINTING ON STONE WORK</b>				
17012A	17.14	Pointing on coursed stone masonry with cement mortar 1:3 ( 1 cement : 3 sand)	Sq.M.	1.17
17013A	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
<b>CEMENT WASHING</b>				
18012 18013	18.29 & 18.30	Cement washing with portland cement Slurry on wall (one coat)	Sq.M.	0.107
<b>REPAIRS TO BUILDINGS</b>				
21002A	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
<b>CHAPTER - 24 : DRAINAGE &amp; SEWERAGE ITEMS</b>				
	24.1	Providing and laying and jointing with stiff mixture of cement mortar in proportion 1:1 (1cement : 1 sand) slat glazed stoneware pipes		
24001AA	(A)	100 mm. diameter	Metre	2.170
24001BA	(B)	150 mm. diameter	Metre	3.230
	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.		
24002A	(A)	100 mm. diameter (112 mm. avg. bed thickness)	Metre	6.150
24002B	(B)	150 mm. diameter (166 mm. avg. bed thickness)	Metre	10.400
24005A	24.18	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 mm wide 0.15 mm 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

Item Code	Item No. as per NBO	Brief Description of Item	Unit	Quantity of cement to be used per unit quantity of works. [In Kg.]
1	2	3	4	5
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
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

Item Code	Item No. as per NBO	Brief Description of Item	Unit	Quantity of cement to be used per unit quantity of works. [In Kg.]
1	2	3	4	5
<b><u>STATEMENT - 2</u></b>				
<b>(See Note 2 and 3 below)</b>				
Standards for cement consumption for controlled concrete items include in the schedule of Rates. (For the purpose of assessing cement requirement and for ehservin in actual execution)				
<b>BUILDING ITEMS</b>				
<b>5. CONCRETE WORK</b>				
05023AA	5.8.1	Controlled cement concrete M-150 for R.C.C. work	Cu.M.	290.00
05024AA	5.8.2	Controlled cement concrete M-200 for R.C.C. work	Cu.M.	360.00
05025AA	5.8.3	Controlled cement concrete M-250 for R.C.C. work	Cu.M.	380.00
<b>BRIDGE ITEMS</b>				
14,19, 36,45		Providing and casting in situ controled cement concrete M-200	Cu.M.	360.00
35		Providing and casting in situ ordinarycement 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 controlld 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
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

Item Code	Item No. as per NBO	Brief Description of Item	Unit	Quantity of cement to be used per unit quantity of works. [In Kg.]
1	2	3	4	5
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>Notes :</b>				
	1	Cement consumption is independent of		
	(a)	whether fine / coarse sand is used		
	(b)	Whether 20 mm / 40 mm nominal size of aggregate is used		
	(c)	Whether stone/brick aggregate is used		
	2	The cement consumption specified in the above statement are on an average +/- 5% variation in the specified consumption may be permitted		

Item Code	Item No. as per NBO	Brief Description of Item	Unit	Quantity of cement to be used per unit quantity of works. [In Kg.]
1	2	3	4	5
<b>: New Items :</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

Item Code	Item No. as per NBO	Brief Description of Item	Unit	Quantity of cement to be used per unit quantity of works. [In Kg.]
1	2	3	4	5
8	24.28	(I) Extra rate for constructing B.B. masonry. (I) for depth from 0.9M to 1.5M	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
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 and 450mm deep for pipe line with one or two inlets.	Nos.	84.17
		(iii) inside dimensions 600mm x and 450mm 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

Item Code	Item No. as per NBO	Brief Description of Item	Unit	Quantity of cement to be used per unit quantity of works. [In Kg.]
1	2	3	4	5
		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	42.24
19	51	Providing and fixing Ordinary KM stone fixing in C.C. 1 : 4 : 8 (ODR.V.R.)	Nos	8.00
20	52	Providing and fixing Ordinary KM stone fixing in C.C. 1 : 4 : 8 (ODR.V.R.)	Nos	17.60
21	53(II)	Providing and fixing Indicator Stone fixing in C.C. 1 : 4 : 8	Nos	11.01
22	54(I)(II)	Supplying and fixing Road sign Board fixing in C.C. 1 : 4 : 8	Nos	14.40
23	55	Providing and fixing Village Name Board Fixing in C.C. 1 : 4 : 8	Nos	14.40
24	56,57	Providing and Fixing Junction Board Fixing in C.C. 1 : 4 : 8	Nos	28.80
25		Fixing in C.C. 1 : 5 : 10 Guard Stone, Indicator Stone Hectometer Stone.	Nos	11.70

## SIGNATURE SLIP

Schedule of rates for the year	Rate in Col. No.	Signature of Executive Engineer	Signature of sanctioning & counter-signing	Remarks.
2023-24	5			

-Sd-  
Executive Engineer  
Ahmedabad City (R&B) Division  
Ahmedabad

-Sd-  
Superintending Engineer  
Ahmedabad City (R&B) Circle  
Ahmedabad