

Sr. No.	Description	Unit	Year	
			2002-2003	2004-2005
			2003-2004	
1	2	3	4	5
	CHEPTEP - 1 MATERIALS			
1	Cement	Tonne	2620-00	2620-00
2	Unslaked lime	Quintal	115-00	115-00
3	Blasting powder	Kg.	40-00	40-00
4	Fuse	Each	85-00	90-00
5	Mild steet bars	Quintal	1450-00	2500-00
6	Cold Twisted bars	Quintal	1550-00	2550-00
7	T.M.T Bars F.E. 415	Quintal	-	2650-00
8	Water proofing Material	Litre/Kg	25-00	25-00
9	Pre-cast RCC jali 25 mm thick	Sq.M.	85-00	93-00
10	40 mm thick	Sq.M.	90-00	99-00
11	50 mm thick	Sq.M.	98-00	107-00
12	75 mm thick	Sq.M.	120-00	130-00
13	100 mm thick	Sq.M.	130-00	143-00
14	Through & Bond stone	Each	13-00	13-00
15	Planks 30 mm thick (kail or Equivalent Soft-Wood.	Cu.Dm.	18-00	18-00
16	Planks 38 mm thick (kail or Equivalent Soft-Wood.	Cu.Dm.	18-00	18-00
17	Ballies 80 mm dia.	Metre	21-00	21-00
18	Ballies 125 mm dia.	Metre	27-00	27-00
19	Battens 15 mm x 20 mm	Cu.Dm.	15-00	15-00
20	Battens 15 mm x 25 mm	Cu.Dm.	15-00	15-00
21	Battens 25 mm x 25 mm	Cu.Dm.	15-00	15-00
22	Battens 75 mm x 100 mm	Cu.Dm.	15-00	15-00
23	Battens 50 mm x 25 mm	Cu.Dm.	15-00	15-00
24	Battens 50 mm x 50 mm	Cu.Dm.	15-00	15-00
25	Battens 75 mm x 50 mm	Cu.Dm.	15-00	15-00
26	Battens 75 mm x 100 mm	Cu.Dm.	15-00	15-00
27	Halves of M.S. Flat 40 mm x 3 mm	Kg.	25-00	35-00
28	Plain G.I. Sheet 10 mm thick	Quintal	3500-00	3800-00
29	Bolts 12 mm dia. 10 cm Long	Kg.	32-00	45-00
30	Indian Teak Wood.	Cu.Dm.	34-00	34-00
31	Country wood	Cu.Dm.	20-00	20-00
32	Deodar wood Battens and plans	Cu.Dm.	13-00	13-00
33	Anodised Alluminium batt Hings 100 mm x 63 x 3.2 mm	Ten	211-00	211-00
34	75 mm x 63 mm x 3.2 mm	Ten	132-00	132-00
35	76 mm x 45 mm x 3.2 mm	Ten	110-00	110-00
36	77 mm x 45 mm x 3.2 mm	Ten	99-00	99-00
37	Anodised Alluminium Screws 40 mm	Cent	65-00	65-00
38	30 mm	Cent	60-00	60-00
39	20 mm	Cent	38-00	38-00
40	Iron Hinges 100 mm x 58 mm x 1.9 mm	Ten	55-00	80-00
41	Iron Hinges 100 mm x 58 mm x 1.4 mm	Ten	53-00	75-00
42	Iron Hinges 75 mm x 47 mm x 1.7 mm	Ten	46-00	65-00

43	Iron Hinges 50 mm x 37 mm x 1.5 mm	Ten	41-00	60-00
44	Iron Hinges Iron Screws 40 mm	Cent	55-00	80-00
45	30 mm	Cent	47-00	65-00
46	20 mm	Cent	35-00	50-00
47	Commercial Plywood Sheet 12 mm thick	Sq.M.	320-00	320-00
48	19 mm thick	Sq.M.	385-00	385-00
49	25 mm thick	Sq.M.	450-00	450-00
50	Plywood sheet 6 mm thick	Sq.M.	155-00	155-00
51	Plywood sheet 9 mm thick	Sq.M.	225-00	225-00
52	Decorative plywood 4 mm thick	Sq.M.	235-00	235-00
53	Particle Board Sheet 12 mm thick	Sq.M.	220-00	220-00
54	19 mm thick	Sq.M.	275-00	275-00
55	25 mm thick	Sq.M.	360-00	360-00
56	35 mm thick	Sq.M.	500-00	500-00
57	Wooden plugs	Each	0-60	0-60
58	Hard board sheet 40 mm thick	Sq.M.	115-00	115-00
59	Plain Asbestos Sheet 5 mm thick	Sq.M.	135-00	135-00
60	Plain A.C. sheet 6 mm thick	Sq.M.	135-00	135-00
61	Plain Asbestos Sheet 7 mm thick	Sq.M.	135-00	135-00
62	Non Decorative Type 35 mm thick Door Shutter	Sq.M.	1000-00	1000-00
63	Non Decorative Type 25 mm thick Shutter	Sq.M.	780-00	780-00
64	Vision panel for door	Sq.M.	25-00	25-00
65	Nickel Plated Bright Finised M.S. piano Hinges	Per No.	70-00	100-00
66	Nickel Plated Screws 25 mm dia.	Metre	75-00	100-00
67	Wire Guage of Jali 0.56 mm	Cent	80-00	110-00
68	Wire Guage of 0.71 mm Jali to 16 x 26 guage (Mosqito proof)	Sq.M.	105-00	145-00
69	M.S. Flat	Quintal	2000-00	2500-00
70	T. Iron bracket 40 mm x 40 mmx 6 mm	Quintal	2000-00	2650-00
71	Hard drawn sheel wire fabric	Sq.M.	110-00	154-00
72	Hood Cover 0.9 mm thick	Metre	65-00	90-00
73	Hood Cover 1.25 mm thick	Metre	68-00	95-00
74	Rolling Shutter having width below 3.5 Mt.	Sq.M.	1100-00	1430-00
75	Extra Cost of R.S. Having width 3.5 Mt. & above	Sq.M.	132-00	170-00
76	Coil Type spring	Each	90-00	125-00
77	M.S. Channel joints, Tee, Gusset plate etc.	Quintal	1800-00	2650-00
78	M.S. Sheet 1 mm thick	Quintal	2100-00	3000-00
79	Pulleys 25 mm dia.	Each	50-00	70-00
80	Pulleys 38 mm dia.	Each	52-00	72-00
81	27.5 cm. long wire spring grade No. 2 for rolling shutter	Each	330-00	460-00
82	Glasses 2 mm to 3 mm thick	Sq.M.	132-00	132-00
83	Sheet glass ordinary quality 1) 3 mm thick	Sq.M.	170-00	170-00
84	2) 4 mm thick	Sq.M.	180-00	180-00
85	Sheet glass ordinary quality 1) 3 mm thick	Sq.M.	250-00	250-00
86	2) 6 mm thick	Sq.M.	280-00	280-00

87	Ground glass (Frusted or obscured on on side) 3 mm thick	Sq.M.	180-00	180-00
88	4 mm thick	Sq.M.	225-00	225-00
89	5 mm thick	Sq.M.	280-00	280-00
90	Plain glass 3 mm thick	Sq.M.	170-00	170-00
91	4 mm thick	Sq.M.	185-00	185-00
92	Wired figured glass 6.4 mm thick	Sq.M.	330-00	340-00
93	Light shade pigment	Kg.	72-00	72-00
94	Midium shade pigment	Kg.	72-00	72-00
95	Dark shad pigment	Kg.	68-00	68-00
96	White Cement	Tonne	12500-00	12500-00
97	Marble chips upto 4 mm size	Quintal	650-00	650-00
98	Marble powder	Cu.M.	1350-00	1350-00
99	22 mm thick chequere terrazo tiles light shade	Sq.M.	125-00	120-00
100	22 mm thick chequere terrazo tiles darkt shade	Sq.M.	128-00	110-00
101	20 mm thick terrazo titles light shade	Sq.M.	95-00	95-00
102	20 mm thick terrazo titles dark shade	Sq.M.	93-00	85-00
103	20 mm thick chequere terrazo tiles light shade	Sq.M.	125-00	135-00
104	20 mm thick chequere terrazo tiles darkt shade	Sq.M.	125-00	125-00
105	Grante Slab (18 mm th. on side polishede)	Sq.M.	-	1400-00
106	Marble Granite Flooring tiles 8 mm th.	Sq.M.	-	1100-00
107	Ceramis Vetrified Flooring tiles	Sq.M.	-	300-00
108	White glazed tiles 15 cm x 15 cm x 6 mm	10 Nos.	68-00	68-00
109	Pre-cast cement concrete tiles	Sq.M.	70-00	70-00
110	Rough kotah stone slab I) 25 mm thick	Sq.M.	145-00	145-00
111	II) 40 mm thick	Sq.M.	155-00	155-00
112	Polished kota stone slab I) 25 mm thick	Sq.M.	190-00	190-00
113	II) 30 mm thick	Sq.M.	200-00	200-00
114	III) 40 mm thick	Sq.M.	210-00	210-00
115	Marble stone polished 20 mm to 25 mm th. (white shade) (Rajnagar or Makrana)	Sq.M.	600-00	600-00
116	0.8 mm thick conugated G.I.Sheet class - 3	Quintal	3200-00	3900-00
117	0.8 mm thick Plain G.I.Sheet class - 3	Quintal	3200-00	3800-00
118	0.8 mm thick semi-circular G.I.Sheet class - 3	Quintal	3950-00	3300-00
119	G.I. seam bolts and nuts 25 mm x 7 mm	Ten	52-00	78-00
120	G.I. plain washer	100 No.	38-00	53-00
121	G.I. Bitumen washer	100 No.	29-00	29-00
122	G.I.J or L Hooks	Ten	38-00	53-00
123	Corrugated A.C. Sheet I) 6 mm thick	Sq.M.	165-00	165-00
124	II) 7 mm thick	Sq.M.	175-00	175-00
125	A.C. Sheet ridge 1.22 M long	pair	150-00	150-00
126	A.C. Shocked half Round Gutter I) 150 mm dia.	Each	160-00	160-00

127	II) 300 mm dia.	Each	170-00	170-00
128	A.C. North light curves	Each	230-00	230-00
129	Manglore tiles	1000 Nos.	2430-00	2430-00
130	Fibre base bitumen saturaed under layer type - L	Sq.M.	79-00	79-50
131	Residual bitumen	Tonne	5990-00	5990-00
132	Fibre base self finished fel type-II Grade.	Sq.M.	90-00	95-00
133	Fuel steam coal	Quintal	140-00	140-00
134	(I) 80 mm dia A.C. Pipe 2.0 M long	Each	40-00	40-00
135	(II) 100 mm dia A.C. Pipe 2.0 M long	Each	45-00	45-00
136	Bat clamp 80 mm dia.	Each	2-75.	2-75.
137	Bat clamp 100 mm dia.	Each	2-75.	2-75.
138	A.C. Bend without door I) 80 mm dia	Each	13-00	13-00
139	II) 100 mm dia	Each	15-00	15-00
140	Off set 50 mm - 80 mm dia	Each	18-00	18-00
141	Off set 50 mm - 100 mm dia	Each	22-00	22-00
142	Off set 75 mm - 80 mm dia	Each	20-00	20-00
143	Off set 75 mm - 100 mm dia	Each	23-00	23-00
144	Junction equal single I) 80 mm dia.	Each	24-00	24-00
145	II) 100 mm dia.	Each	30-00	30-00
146	Junction equal double I) 80 mm dia.	Each	26-00	26-00
147	II) 100 mm dia.	Each	29-00	29-00
148	Stamdarad shoe I) 80 mm dia.	Each	22-00	22-00
149	II) 100 mm dia.	Each	24-00	24-00
150	Fibre insulation board. I) 12 mm thick	Sq.M.	170-00	170-00
151	II) 18 mm thick	Sq.M.	250-00	250-00
152	II) 25 mm thick	Sq.M.	320-00	320-00
153	White lime	Quintal	240-00	240-00
154	Distemper primer	Litre	68-00	68-00
155	Distemper	Kg.	35-00	35-00
156	Oil bound distemper	Kg.	60-00	60-00
157	Water proofing cement paint	Kg.	25-00	25-00
158	Plastic emulsion paint	Litre	180-00	180-00
159	Enamel paint	Litre	170-00	170-00
160	Bituminous paint	Litre	45-00	45-00
161	Enamel primer	Litre	115-00	115-00
162	Spirit	Litre	45-00	45-00
163	Bees wax	Kg.	65-00	65-00
164	Linseed oil	Litre	65-00	100-00
165	Terpentine	Litre	25-00	35-00
166	Kerosine	Litre	6-00	22-00
167	Varnish	Litre	60-00	60-00
168	Coal Tar	Litre	13-00	13-00

169	Synthetic enamel paint	Litre	170-00	170-00
170	Black Japan paint	Litre	47-00	47-00
171	White paint	Litre	150-00	150-00
172	Ready mixed red lead paint	Litre	80-00	80-00
173	Shellac	Kg.	53-00	53-00
174	G.I. barbed wire	Quintal	2800-00	3500-00
175	Emulsion with aldrine heptachlor or chlordane	Litre	135-00	-
176	Emulsion with dieldrin	Litre	130-00	130-00
177	Black Stone for cooking plat from (1.50 Smt.)	Each	515-00	515-00
178	Gun metal bib tap I) 15 mm dia.	Each	50-00	80-00
179	II) 20 mm dia.	Each	55-00	90-00
180	Gun metal wheel valve I) 25 mm dia.	No.	170-00	250-00
181	II) 40 mm dia.	No.	190-00	450-00
182	Brass Screw down bib tape I) 15 mm dia.	Each	60-00	85-00
183	II) 20 mm dia.	Each	70-00	110-00
184	Chromium plated brass bib tape I) 15 mm dia.	Each	70-00	85-00
185	II) 20 mm dia.	Each	75-00	110-00
186	Pillar to 15 mm dia.	No.	130-00	150-00
187	Brass top cock 15 mm dia.	No.	85-00	85-00
188	C.L. Nahni trap	No.	65-00	90-00
189	Urinal (I) Flat back	No.	350-00	350-00
190	(II) Squatting type	No.	380-00	380-00
191	Rubbuer plug	No.	12-00	12-00
192	White vitrious china water closet squatting pan (Indian type 580 mm size)	Each	300-00	300-00
193	White vitrious china wash down W.C. (European)	Each	525-00	525-00
194	White vitrious china foot rest for W.C	pair	60-00	60-00
195	White vitrious china 100 mm 'P' or 'S' trap	Each	75-00	75-00
196	12.5 Litre low level white vitrious flushing cistern with C.P. brass Handle etc.	Each	1300-00	1300-00
197	12.5 Litre high level C.I. flushing & cistern with fittings.	Each	660-00	650-00
198	Black plastic sheet with cover with C.P. Brass hinger and rubber butters with vatrious china.	Each	250-00	250-00
199	Flat back wash basin 550 mm x 400 mm	Each	450-00	450-00
200	White vatrious china sink 550 mm x 450 mm x 150 mm	Each	1265-00	1265-00
201	100 mm thick dia cast iron grating	Each	15-00	20-00
202	C.P. brass shower rose 100 mm dia	Each	75-00	115-00
203	Bevelled edge Mirror 600 mm x 450 mm	Each	215-00	215-00
204	600 mm x 20 mm B.P.B + Ass. Towel rail with pair of C.P. brass brackets.	Each	155-00	210-00
205	600 mm x 120 mm glass shelf with C.P. Fuard rail and brackets.	Each	85-00	115-00

206	C.P. brass toilet paper holder of stand and size.	Each	90-00	138-00
	Glazed stone ware pipes			
207	I) 100 mm dia 60 cm. long	No.	25-00	25-00
208	II) 150 mm dia 60 cm. long	No.	37-00	37-00
209	Gulley trap 150 mm x 100 mm size.	No.	50-00	50-00
	GSW fittings bends.			
210	I) 100 mm dia	Each	35-00	35-00
211	-----	---	---	---
212	II) 150 mm dia.	Each	45-00	45-00
213	Taper GSW Bend 100 mm x 150 mm	Each	60-00	60-00
214	GSW Half round channel 15 mm dia. 60 cm. long piece	No.	32-00	32-00
215	C.I. steps 50 cm x 15 cm x 2.25 cm	Each	50-00	70-00
216	C.L. Cover without Frame		---	---
217	C.L. Cover 300 mm x 300 mm	Each	140-00	230-00
218	455 mm x 610 mm (15 Kg.)	Each	165-00	430-00
219	500 mm x 700 mm (25 Kg.)	Each	180-00	710-00
220	600 mm x 850 mm (65 Kg.)	Each	185-00	1860-00
221	C.I. Cover fro manholes (38 Kg.)	Quintal	1550-00	1615-00
	P.V.C. pipes Kg/Sq. Cm			
222	(I) 20 mm dia. (10 Kg. / Sq. Cm.)	Mt.	15-00	20-00
223	(II) 25 mm dia. (10 Kg. / Sq. Cm.)	Mt.	18-00	27-00
224	(III) 32 mm dia. (10 Kg. / Sq. Cm.)	Mt.	27-00	44-00
225	(IV) 40 mm dia. (10 Kg. / Sq. Cm.)	Mt.	---	66-00
226	(V) 50 mm dia. (10 Kg. / Sq. Cm.)	Mt.	---	99-00
227	(VI) 75 mm dia. (10 Kg. / Sq. Cm.) P.V.C. Pipe	Mt.	---	185-00
228	(VII) 110 mm dia. (10 Kg. / Sq. Cm.) P.V.C. Pipe	Mt.	---	328-00
229	(I) 40 mm dia. (6 Kg. / Sq. Cm.) P.V.C. Pipe	Mt.	36-00	43-00
230	(II) 50 mm dia. (6 Kg. / Sq. Cm.) P.V.C. Pipe	Mt.	46-00	63-00
231	(III) 75 mm dia. (6 Kg. / Sq. Cm.) P.V.C. Pipe	Mt.	---	118-00
232	(IV) 110 mm dia. (6 Kg. / Sq. Cm.) P.V.C. Pipe	Mt.	---	223-00
	Galvanised mild steel tubes			
233	(I) 15 mm dia. 'B' Class	Metre	57-00	58-00
234	(II) 20 mm dia. 'B' Class	Metre	64-00	79-00
235	(III) 25 mm dia. 'B' Class	Metre	90-00	108-00
236	(IV) 32 mm dia. 'B' Class	Metre	102-00	138-00
237	(V) 40 mm dia. 'B' Class	Metre	122-00	155-00
238	(VI) 50 mm dia. 'B' Class	Metre	162-00	211-00
239	(VII) 65 mm dia. 'B' Class	Metre	223-00	265-00
240	Diesel for roller	Litre	15-31	26-50
241	Petrol	Litre	27-27	39-00
242	Oil of 30 number	Litre	65-00	93-50
243	Paving bitumen 80/100 bulk	Tonne	7406-00	12600-00
244	Paving bitumen 80/100 packed	Tonne	9290-00	15000-00
245	(C) Asphalt (60 / 70) incl. carting heating and placing bulk	Tonne	10640-00	13850-00
246	(D) Asphalt (60 / 70) incl. carting heating and placing bulk	Tonne	12670-00	16300-00
247	(E) Asphalt (30 / 40) incl. carting heating and placing 6 bulk	Tonne	11420-00	14700-00
248	(F) Asphalt (30 / 40) incl. carting heating and placing pack	Tonne	13500-00	17150-00

	<u>Pre moulded Bituminous Joint Filler</u>			
249	(I) 12 mm size	Sq.M.	390-00	430-00
250	(II) 20 mm size	Sq.M.	425-00	460-00
251	(III) 25 mm size	Sq.M.	550-00	610-00
252	Soft brush	Each	23-00	23-00
253	Wire brushes	Each	27-60	40-00
254	Hectometer stone as per type design	Each	30-00	36-00
255	Ordinary K.M. stone (for O.D.R. & V.R.)	Each	215-00	248-00
256	Ordinary K.M. stone (for N.H.S.H. M.D.R.)	Each	230-00	265-00
257	Fifth K.M. stone as per I.R.C. type Design	Each	395-00	435-00
258	Indicator stone as per type Design	Each	32-00	45-00
259	M.S. Road sign board. (I) Non-reflective type	Each	730-0	1020-00
260	(II) Reflective type	Each	925-00	1300-00
261	M.S. Village name board or Junction board	Each	990-00	1125-00
262	Marble year plate 20 cm x 15 cm x 2.5 cm	Each	125-00	125-00
263	Marble number plate	Each	125-00	125-00
	<u>I.S. Class NP-2 R.C.C. Heavy Duty Non Pressure Pipe</u>			
264	(I) 300 mm dia.	Metre	176-00	289-00
265	(II) 450 mm dia.	Metre	297-00	375-00
266	(III) 600 mm dia.	Metre	330-00	526-00
267	(IV) 750 mm dia.	Metre	561-00	726-00
268	(V) 900 mm dia.	Metre	698-00	935-00
269	(VI) 1050 mm dia.	Metre	836-00	1401-00
270	(VII) 1200 mm dia.	Metre	1001-00	1651-00
	<u>I.S. Class NP-2 R.C.C. Heavy Duty Non Pressure Pipe as per Indian Railways Standard Specification</u>			
271	(I) 300 mm dia.	Metre	561-00	798-00
272	(II) 450 mm dia.	Metre	671-00	850-00
273	(III) 600 mm dia.	Metre	946-00	1405-00
274	(IV) 750 mm dia.	Metre	1210-00	1566-00
275	(V) 900 mm dia.	Metre	1408-00	1854-00
276	(VI) 1050 mm dia.	Metre	1628-00	2651-00
277	(VII) 1200 mm dia.	Metre	2310-00	3110-00
278	(VIII) 80 mm dia.	Metre	298-00	355-00
279	Welding charges	C.m.	2-60.	3-00
280	Grinding, polishing rounding of edges of glasis or glazing sheet	R.M.	13-00	13-00
281	Limpet washer	Cent	28-00	28-00
282	North light adjustable ridge	pair	80-00	80-00
283	Asbestos rope	R.M.	6-00	6-00
284	Rajula stone (size to be measured)	Each	57-00	57-00
285	Bilimora bricks	1000 Nos.	2500-00	2600-00
286	G.I.M.S.tee 65 mm x 65 mm	Each	160-00	201-00
287	GIMS nut 5 mm thick 80 mm dia	Each	30-00	41-00
288	Sand class soil pipe 75 mm dia	No.	366-00	775-00

289	100 mm dia	No.	433-00	954-00
290	C.I. cowel 75 mm dia	No.	53-00	178-00
291	100 mm dia	No.	64-00	249-00
292	Waste pipe for was basin C.P. 32 mm dia	Each	35-00	45-00
293	Waste pipe for was basin C.P. 40 mm dia	Each	43-00	60-00
294	M.S. Fisher union 32 mm dia.	Each	44-00	50-00
295	M.S. Fisher union 40 mm dia.	Each	51-00	60-00
296	C.P. brass screws & washer 25 mm size	Each	3-00	10-00
297	Spun yarn	Kg.	14-00	40-00
298	G.S.W. Junction 100 mm dia.	Each	40-00	50-00
299	G.S.W. Junction 150 mm dia.	Each	52-00	90-00
300	C.I. grating 100 x 100 mm	Each	14-00	15-00
301	C.I. cap grill as per standard design	Each	38-00	42-00
302	Gauge plate	Quintal	2565-00	3200-00
303	Hire charges for Roller	Hr.	114-00	114-00
304	(I) Hair charges for Boiler	Hr.	90-00	90-00
305	(II) Hair charges Bituminous mixer	Hr.	85-00	85-00
306	Labour cahrges for hot mix plant.	M.T.	170-00	200-00
307	Guard stone	Each	28-00	28-00
308	Boundary stone	Each	28-00	28-00
309	A Junction Board R.C.C.	Each	---	500-00
310	Painting charges (Board)	Sq.M.	26-00	26-00
311	Painting charges (letter)	Each	2-00	2-00
312	Red flag	Each	11-00	11-00
313	(A) Asphalt (80/100) incl. carting heating and placing	Tonne	9900-00	12600-00
314	(B) Asphalt (80/100) incl. carting heating and placing	Tonne	10640-00	15000-00
315	Binding wires	Kg.	24-00	28-00
316	Cast steel rocker bearing	Tonne	47000-00	50000-00
317	Cast steel roller rocker bearing	Tonne	47000-00	50000-00
318	Cement bags (empty)	Each	2-50.	2-00
319	Hight tensile steel wire	Tonne	46740-00	49500-00
320	M.S. fixed plate bearing	Tonne	22800-00	24000-00
321	M.S. rocket bearing	Tonne	22800-00	24000-00
322	M.S. reller bearing	Tonne	22800-00	24000-00
323	Neoprene bearing (480 mm x 310 mm x 48 mm)	Cum.	0-63	0-70
324	Fine sand	Cum.	50-00	50-00
325	Coarse sand	Cum.	50-00	50-00
326	Hand Broken Stone aggregate I) 90 mm to 25 mm size	Cum.	85-00	90-00
327	II) 40 mm to 63 mm size railway stand. Crushed stoen aggregate for hard quality 40 to 63 mm	Cum.	95-00	100-00
328	(I) 40 mm and above 40 mm size	Cum.	170-00	170-00
329	(II) 20 mm 40 mm size	Cum.	205-00	205-00
330	(III) 10 mm size	Cum.	265-00	265-00
331	(IV) 10 mm to 20 mm size	Cum.	265-00	265-00
332	(V) 6 mm to 10 mm	Cum.	215-00	215-00

333	Brick aggregate 40 mm size	Cum.	75-00	75-00
334	Brick aggregate 20 mm size	Cum.	75-00	75-00
335	Brick (I) conventional size	1000 Nos.	1175-00	1175-00
336	Brick (II) Modular size (20 cm x 20 cm x 10 cm)	1000 Nos.	1200-00	1200-00
337	Fly Ash Brick (I) Convention size	1000 Nos.	---	1200-00
338	Rubble heavy (Weight not less than 40 kg.)	Cum.	80-00	85-00
339	Rubble	Cum.	80-00	85-00
340	(I) 10 mm size	Cum.	75-00	85-00
341	(II) 12 mm size	Cum.	75-00	85-00
342	Murrum / binding material	Cum.	30-00	35-00
343	Uncreened gravel	Cum.	60-00	65-00
344	Hard murrum	Cum.	45-00	50-00
345	Stone dust	Cum.	50-00	55-00
346	Quarry spall	Cum.	55-00	55-00
347	White bela stone (size to be measured)	100 Nos.	---	1200-00

Sr. No.	Description	Unit	Year	Year
			2002-2003	2004-2005
			2003-2004	
1	2	3	4	5
	LABOUR			
1	Mazdoor (Male)	Each	78-20	87-00
2	Mazdoor (Female)	Each	78-20	87-00
3	Bhisti	Each	79-70	88-50
4	Mate	Each	78-10	87-00
5	Excavator	Each	78-20	87-00
6	Breaker	Each	78-20	87-00
7	Hole driller	Each	78-20	87-00
8	Bullock with driver for mortar mill	Each	88-70	97-50
9	Chowkidar	Each	78-20	87-00
10	Mason Ist class	Each	88-70	96-90
11	Mason IInd class	Each	82-40	91-20
12	Bandhani	Each	78-20	91-20
13	Carpentar Ist class	Each	88-70	87-00
14	Carpentar IInd class	Each	82-40	97-50
15	Mistry	Each	88-70	91-20
16	Blacksmith Ist class	Each	88-70	97-50
17	Blacksmith IInd class	Each	88-70	97-50
18	Beldar	Each	82-40	91-20
19	Fitter	Each	79-70	88-50
20	Glazier	Each	79-70	88-50
21	Painter	Each	79-70	88-50
22	White washer	Each	79-70	88-50

23	Polisher	Each	79-70	88-50
24	Plumber	Each	88-70	97-50
25	Plumber (Fitter) Asstt.	Each	82-40	91-20
26	Sprayman	Each	79-70	88-50
27	Handcart with Mazdoor	Each	175-00	195-00
28	Craneman with helper	Each	175-00	195-00
29	Extra Labour for sinking Supervisor for Machinery	Each	800-00	880-00
30	Supervisor for Machinery	Each	88-70	97-50
31	Whinch operator	Each	79-70	88-50
32	Compressor Operator	Each	88-70	97-50

Sr. No.	Description	Unit	Year	
			2002-2003	2004-2005
			2003-2004	
1	2	3	4	5
	(3) CARRIAGE			
1	Carriage of cement	Tonne	78-80	89-51
2	Carriage of Unslaked lime	Cu.M.	53-53	61-30
3	Carriage of steel	Tonne	135-84	147-51
4	Carriage of timber	Cu.M.	53-53	61-30
5	Carriage of Abestos sheet	Tonne	98-50	111-89
6	Carriage of bitumen	Tonne	113-25	129-34
7	Carriage of steam coal	Quint	49-27	56-86
8	Carriage of fine sand	Cu.M.	70-38	81-20
9	Carriage of coarse sand	Cu.M.	70-38	81-20
10	Carriage of stone aggregte 40 mm size	Cu.M.	289-21	336-72
11	Carriage of stone aggregte 20 mm size	Cu.M.	266-88	301-00
12	Carriage of bricks	1000 Nos.	180-00	209-70
13	Carriage of brick aggregte 40 mm size	Cu.M.	97-53	113-61
14	Carriage of brick aggregte 20 mm size	Cu.M.	89-93	104-85
15	Carriage of rubble	Cu.M.	377-46	439-43
16	Hire charges for road roller	Per day	912-00	912-00
17	Carriage of murrum	Cu.M.	70-38	81-20

Sr. No.	Item No.	Description	Unit	Year	Year
	As per			2002-2003	2004-2005
	N.B.O.			2003-2004	
1		2	3	4	5
		CHAPTER - 2 MORTARS			
1	2.5.1	Lime mortar 1:1 (1 lime putty/Equivalent dry hydrated lime : 1 find sand)	Cu.M.	782-00	810-43
2	2.5.2	Lime mortar 1:2 (1 lime putty/Equivalent dry hydrated lime : 2 find sand)	Cu.M.	628-00	657-44
3	2.5.3	Lime mortar 1:3 (1 lime putty/Equivalent dry hydrated lime : 3 find sand)	Cu.M.	551-00	580-80
4	0.0	Lime mortar 1:5 (1 lime putty/Equivalent dry hydrated lime : 5 find sand)	Cu.M.	713-00	742-79
5	2.5.11	Cement Mortar 1:1 (1 cement : 1 find sand)	Cu.M.	2915-00	2956-35
6	2.5.12	Cement Mortar 1:2 (1 cement : 2 find sand)	Cu.M.	2026-00	2051-86
7	2.5.13	Cement Mortar 1:3 (1 cement : 3 find sand)	Cu.M.	1582-00	1606-98
8	2.5.14	Cement Mortar 1:4 (1 cement : 4 find sand)	Cu.M.	1231-00	1254-74
9	2.5.15	Cement Mortar 1:5 (1 cement : 5 find sand)	Cu.M.	1042-00	1065-08
10	2.5.16	Cement Mortar 1:6 (1 cement : 6 find sand)	Cu.M.	880-00	902-51
11	2.5.18	Cement Mortar 1:3 (1 cement : 3 coarse sand)	Cu.M.	1582-00	1606-98
12	2.5.19	Cement Mortar 1:4 (1 cement : 4 coarse sand)	Cu.M.	1231-00	1254-74
13	2.5.20	Cement Mortar 1:6 (1 cement : 6 coarse sand)	Cu.M.	1042-00	1065-08
14	2.5.21	Cement Mortar 1:5 (1 cement : 5 coarse sand)	Cu.M.	880-00	902-51
15	0.0	Cement Mortar 1:8 (1 cement : 8 coarse sand)	Cu.M.	721-00	743-73
		CHAPTER - 4 EARTH WORK			
1	0.1	Excavation for foundation upto 1.5 mt. depth including sorting out stacking of useful material & disposing of excavated stuff upto 50 mt. lead.			
		(A) Loose or soft soil	Cu.M.	27-20	37-00
		(B) Dense or Hard soil	Cu.M.	34-95	47-40
		(C) Hard murrum	Cu.M.	59-50	80-70
		(D) Soft rock not requiring blasting.	Cu.M.	61-95	83-70
		(E) Hard rock	Cu.M.	182-00	210-00
2	0.0	Excavation for foundation upto 1.5 mt. to 3.0 mt. including sorting out stacking of useful material & disposing of excavated stuff upto 50 mt. lead.			
		(A) Loose or soft soil	Cu.M.	30-15	41-10
		(B) Dense or Hard soil	Cu.M.	37-95	51-50
		(C) Hard murrum	Cu.M.	64-00	86-80
		(D) Soft rock not requiring blasting.	Cu.M.	67-40	90-90
		(E) Hard rock	Cu.M.	188-00	217-00
3	0.0	Excavation for foundation upto 3.0 mt. to 5.0 mt. M including sorting out stacking of useful material & disposing of excavated stuff upto 50 mt. lead.			

		(A) Loose or soft soil	Cu.M.	33-15	45-10
		(B) Dense or Hard soil	Cu.M.	40-80	55-50
		(C) Hard murrum	Cu.M.	66-95	90-80
		(D) Soft rock not requiring blasting.	Cu.M.	72-65	98-10
		(E) Hard rock	Cu.M.	179-00	224-00
4	0.0	Excavation for additional depth mor than 5.0 M for excavation for foundation including sorting out stacking of useful material & disposing of excavated stuff upto 50 mt. lead.			
		Loose or soft soil	Cu.M./Mt.	2-85	4-00
		Dense or Hard soil	Cu.M./Mt.	2-85	4-00
		Hard murrum	Cu.M./Mt.	3-95	5-60
		Soft rock not requiring blasting.	Cu.M./Mt.	5-25	7-20
		Hard rock	Cu.M./Mt.	5-25	7-20
5	0.0	Add extra for disposing off the excavated stuff of above items for lead of			
		(A) 50 mt. to 100 mt.	Cu.M.	3-95	6-10
		(B) 100 mt. to 200 mt.	Cu.M.	8-10	12-20
		(C) 200 mt. to 300 mt.	Cu.M.	12-30	18-30
		(D) 300 mt. to 400 mt.	Cu.M.	18-20	27-10
		(E) 400 mt. to 500 mt.	Cu.M.	30-40	45-20
6	4.12	Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20 cm. in depth consolidation each deposited layer by ramming and watering.	Cu.M.	17-80	23-90
7	4.24	Filling in plinth with sand under floors including watering, ramming, consolidating and dressing etc. completed	Cu.M.	146-00	210-00
8	0.0	Filling in foundation and plinth with murrum or selected soil in layers of 20 cm. thickness including watering, ramming and consolidating etc. Complete.	Cu.M.	111-00	130-00
9	0.0	Filling foundation and plinth with brick-bats/chhara in layers of 20 cms thickness including watering ramming and consolidating etc. complete.	Cu.M.	213-00	242-00
10	4.27	Boring holes 3.5 mt. depth in ordinary soil (for cast in situ piles) and getting out the soil and disposal off the surplus excavated soil as directed withing a lead of 50 Metre for following diameter of pilers.			
		(I) 200 mm	Each	161-00	196-00
		(II) 250 mm	Each	187-00	233-00
		(III) 300 mm	Each	216-00	272-00
11	4.28	Extra for under reaming inside the bore holes for under reamed piles of follwing diametre.			
		(I) 200 mm	Each	57-85	76-00
		(II) 250 mm	Each	72-00	95-00
		(III) 300 mm	Each	85-25	114-00

12	4.29	Add to or deduct from the rate for bore holes of 3.5 mt. depth, if bore holes are made deeper or shallower than 3.5 mt for piles of following deiameters.			
		(I) 200 mm	Each	49-40	64-00
		(II) 250 mm	Each	64-95	85-00
		(III) 300 mm	Each	72-50	95-00
		CHAPTER - 5 CONCRETE WORK			
1	5.1.6	Provdg. & laying in foundation and plinth/under floors lime concrete with hand broken stone aggregates 40 mm nominal size and 40% mortar comprising of 1 lime putty : 2 fine sand and curing complete excluding cost of from work.	Cu.M.	836-00	965-00
2	5.1.8	Provdg. & laying in foundation and plinth/under floors lime concrete with graded brick aggregates 40 mm nominal size and 40% mortar comprising of 1 lime putty : 2 fine sand and curing complete excluding cost of from work.	Cu.M.	657-00	761-00
3	5.3.2	Provdg. & laying cement concrete 1:3:6 (1 cement : 3 coarse sand : 6 hand broken stone aggregates 40 mm nominal size) and curing complete excluding cost of form work in			
		(A) Foundation and plinth	Cu.M.	1200-00	1288-00
4	5.3.3	Providing & 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 form work in			
		(A) Foundation and plinth	Cu.M.	1063-00	1153-00
5	5.3.14	Providing & laying cement concrete 1:3:6 (1 cement : 3 coarse sand : 6 crushed stone aggregates 20 mm nominal size) and curing complete excluding cost of form work in			
		(A) Wall caps / copings.	Cu.M.	1550-00	1632-00
6	5.3.4	Provdg. & 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 form work in			
		(A) Foundation and plinth	Cu.M.	954-00	1042-00
7	5.3.2 (Similar)	Provdg. & laying brick bats cement concrete 1:3:6 (1 cement : 3 coarse sand : 6 brick bats) and curing complete excluding cost of form work in			
		(A) Foundation and plinth	Cu.M.	1007-00	1062-00
8	5.3.3 (Similar)	Provdg. & laying brick bats cement concrete 1:4:8 (1 cement : 4 coarse sand : 8 brick bats) and curing complete excluding cost of form work in			
		(A) Foundation and plinth	Cu.M.	871-00	925-00
9	5.3.8	Provdg. & laying cement concrete 1:5:10 (1 cement : 5 fine sand : 10 graded brick aggregates 40 mm nominal size) and curing complete, excluding cost of form work in			

		(A) Foundation and plinth	Cu.M.	764-00	819-00
10	5.3.13	Provdg. & 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 form work in			
		(A) Foundation and plinth	Cu.M.	1621-00	1701-00
		(B) Indeependant pipes, columns and pillars upto floor two level.	Cu.M.	1622-00	1702-00
11	5.4.1	Provdg. & 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 form work and reinforcement for reinforced concrete work in			
		(A) Foundations, footing, of columns and mass concrete	Cu.M.	1660-00	1746-00
		(B) Slabs, landings, shelves, balconies, lintels, beams, girders and cantilever upto floor two level.	Cu.M.	1674-00	1763-00
		(D) Columns pillars, posts & struts upto floors two level.	Cu.M.	1674-00	1763-00
		(E) Staircases excluding landing upto floors two level.	Cu.M.	1776-00	1879-00
		(K) Vertical and Horizontal fins upto floors two level.	Cu.M.	1706-00	1799-00
12	5.4.4	Provdg. & 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 10 cm. thickness upto floors two level including finishing the exposed surfaces with cement mortar 1:3 (1 cement : 3 find sand) to give a smooth and even surface centering and form work and curing complete excluding cost of reinforcement.	Cu.M.	2918-00	3168-00
13	5.4.10	Providing Mild Steel reinforcement of R.C.C. work including bending binding and placing in position etc. complete up to floor two level.	Kg.	19-90	28-00
14	5.4.11	Provdg. H.Y.S.D. bar reinforcement for R.C.C. work including bending binding and placing in position complete up to floor two level.	Kg.	21-05	29-00
15	5.4.13	Extra for additional life of concrete for all R.C.C. work above floor two level excluding coast of reinforcement.	Per Floor Per Cu.M.	16-70	18-00
16	5.4.13 A	Extra for additional lift of reinforcement steel for all R.C.C. work above floor two level.	Per Floor Per Kg.	0-20	0-30
17	5.4.16	Deduct for omitting in R.C.C. work smooth finishing of the exposed surface with cement mortar 1:2 (1 cement : 3 fine sand)	Sq.M.	27-50	30-00
18	5.4.18	Provdg. Throating or plaster drip and moulding to R.C.C. chhajja.	Metre	6-80	8-00

19	5.6.2	Providing up to floor two level precast cement concrete jali or grill 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 6 mm 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) 50 mm thick	Sq.M.	218-00	266-00
		(B) 40 mm thick	Sq.M.	198-00	238-00
		(C) 25 mm thick	Sq.M.	196-00	223-00
		(D) 75 mm thick	Sq.M.	242-00	275-00
		(E) 100 mm thick	Sq.M.	253-00	291-00
20	5.6.9	Extra for additional life of providing and fixing in position precast R.C.C. units above floor two level.	Per floor Per Sq.M.	2-30	2-60
21	5.7.1	Providing & laing damp proof course 25 mm thick cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 stone aggregate 10 mm nominal size) and curing complete.	Sq.M.	70-75	89-00
22	5.7.5	Extra for providing and mixing water proofing material in concrete in mix proportion recommended by the manufactures.	In Litre or Kg. per quintal or cement	70-75	37-10
23	5.8.1	Provdg. & laying controlled cement concrete M.150 and curing complete excluding cost of form work and reinforcement			
		(A) Foundations, footings, base of columns, and mass concrete.	Cu.M.	1784-00	1871-00
		(B) Walls from top of foundations/level up to floor two level.	Cu.M.	1825-00	1918-00
		(C) Slabs, landing shelves, Balconies, lintels, beams, girders, and cantilever, up to floor two level.	Cu.M.	1822-00	1914-00
		(D) Columns, pillars, posts, and struts, up to floor two level.	Cu.M.	1838-00	1933-00
		(E) Staircase up to floor two level.	Cu.M.	1954-00	2065-00
		(F) Vertical and horizontal fins up to floor two level.	Cu.M.	1878-00	1977-00
24	5.8.2	Providing and laying controlled cement concrete M. 200 and curing complete, excluding the cost of form work and reinforcement for reinforced concrete work in:			
		(A) Foundations, footings, base of columns, and mass concrete.	Cu.M.	1997-00	2082-00
		(B) Walls from top of foundations/level up to floor two level.	Cu.M.	2037-00	2129-00
		(C) Slabs, landing shelves, Balconies, lintels, beams, girders, and cantilever, up to floor two level.	Cu.M.	2034-00	2138-00
		(D) Columns, pillars, posts, and struts, up to floor two level.	Cu.M.	2050-00	2144-00
		(E) Staircase up to floor two level.	Cu.M.	2155-00	2264-00
		(F) Vertical and horizontal fins up to floor two level.	Cu.M.	2070-00	2156-00

25	5.8.3	Providing and laying controlled cement concrete M 250 and curing complete excluding the cost of reinforcement for reinforced concrete work in:			
		(A) Foundations, footings, base of columns, and mass concrete.	Cu.M.	2429-00	2511-00
		(B) Walls from top of foundations/level up to floor two level.	Cu.M.	2469-00	2558-00
		(C) Slabs, landing shelves, Balconies, lintels, beams, girders, and cantilever, up to floor two level.	Cu.M.	2466-00	2554-00
		(D) Columns, pillars, posts, and struts, up to floor two level.	Cu.M.	2482-00	2573-00
		CONSOLIDATED ITEMS FOR R.C.C. WORK			
26	0.0	Provdg. & 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 form work but excluding the cost of reinforcement for R.C.C. work in			
		(I) Slabs up to 8 cms thickness	Cu.M.	2777-00	2969-00
		(II) Slabs more than 8 cms and up to 10 cm. thickness	Cu.M.	2556-00	2728-00
		(III) Slabs more than 10 cms and up to 13 cm. thickness.	Cu.M.	2409-00	2567-00
		(IV) Slabs more than 13 cms and up to 15 cm. thickness.	Cu.M.	2263-00	2407-00
27	0.0	Providing and laying controlled cement concrete M 150 and finishing smooth with curring etc. complete including the cost of form work but excluding the cost of reinforcement for R.C.C. work in:			
		(I) Slabs up to 8 cms thickness	Cu.M.	2924-00	3121-00
		(II) Slabs more than 8 cms and up to 10 cm. thickness	Cu.M.	2703-00	2879-00
		(III) Slabs more than 10 cms and up to 13 cm. thickness.	Cu.M.	2556-00	2718-00
		(IV) Slabs more than 13 cms and up to 15 cm. thickness.	Cu.M.	2410-00	2558-00
28	0.0	Provdg. & 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 reinforcement for R.C.C. work in			
		(I) Slabs up to 8 cms thickness	Cu.M.	3142-00	3374-00
		(II) Slabs more than 8 cms and up to 10 cm. thickness	Cu.M.	2848-00	3052-00
		(III) Slabs more than 10 cms and up to 13 cm. thickness.	Cu.M.	2652-00	2837-00
		(IV) Slabs more than 13 cms and up to 15 cm. thickness.	Cu.M.	2457-00	2623-00

29	0.0	Providing and laying controlled cement concrete M 150 exposed work with curing etc.complete including the cost of form work but excluding the cost of reinforcement for R.C.C. work in:			
		(I) Slabs up to 8 cms thickness	Cu.M.	3289-00	3526-00
		(II) Slabs more than 8 cms and up to 10 cm. thickness	Cu.M.	2996-00	3203-00
		(III) Slabs more than 10 cms and up to 13 cm. thickness.	Cu.M.	2800-00	2988-00
		(IV) Slabs more than 13 cms and up to 15 cm. thickness.	Cu.M.	2605-00	2774-00
30	0.0	Provdg. & laying ordinary cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregates 20 mm nominal size) for R.C.C. linted including finishing smooth with curing etc.complete including the cost of form work but excluding the cost of reinforcement.	Cu.M.	2632-00	2799-00
31	0.0	Provdg. & 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 the cost of reinforcement for R.C.C. work in			
		(A) Having cross sectional area 0.05 to 0.08 Sq. meter	Cu.M.	2955-00	3149-00
		(I) Having cross sectional area more than 0.8 Sq. mt. up to 0.12 Sq. mt.	Cu.M.	2699-00	2871-00
		(III) Having cross sectional area more than 0.12 Sq. mt. up to 0.18 Sq. mt.	Cu.M.	2726-00	2546-00
		(III) Having cross sectional area more than 0.08 Sq. mt. up to 0.12 Sq. mt.	Cu.M.	---	---
		(IV) Having cross sectional area more than 0.12 Sq. mt. up to 0.18 Sq. mt.	Cu.M.	---	---
		(B) Columns			
		(I) Having cross sectional area 0.05 to 0.08 Sq. mt.	Cu.M.	3535-00	3610-00
		(II) Having cross sectional area more than 0.08 Sq. mt. up to 0.12 Sq. mt.	Cu.M.	3163-00	3405-00
		(III) Having cross sectional area more than 0.12 Sq. mt. and up to 0.18 Sq. mt.	Cu.M.	2726-00	2923-00
32	0.0	Providing and laying controlled cement concrete M 150 exposed work with curing etc. Complete including the cost of form work 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. mt.	Cu.M.	3638-00	3894-00
		(II) Having cross sectional area more than 0.08 Sq. mt. up to 0.12 Sq. mt.	Cu.M.	3274-00	3498-00
		(III) Having cross sectional area more than 0.12 Sq. mt. and up to 0.18 Sq. mt.	Cu.M.	2848-00	3033-00
		(B) Columns:			
		(I) Having cross sectional area 0.05 to 0.08 Sq. mt.	Cu.M.	4071-00	4580-00

		(II) Having cross sectional area more than 0.08 Sq. mt. up to 0.12 Sq. mt.	Cu.M.	3591-00	4050-00
		(III) Having cross sectional area more than 0.12 Sq. mt. and up to 0.18 Sq. mt.	Cu.M.	3029-00	3429-00
33	0.0	Providing and laying controlled cement concrete M/200 exposed work with curing etc. complete including the cost of form work 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. mt.	Cu.M.	3850-00	4118-00
		(II) Having cross sectional area more than 0.08 Sq. mt. up to 0.12 Sq. mt.	Cu.M.	3487-00	3722-00
		(III) Having cross sectional area more than 0.12 Sq. mt. and up to 0.18 Sq. mt.	Cu.M.	3061-00	3257-00
		(B) Columns:			
		(I) Having cross sectional area 0.05 to 0.08 Sq. mt.	Cu.M.	4447-00	4791-00
		(II) Having cross sectional area more than 0.08 Sq. mt. up to 0.12 Sq. mt.	Cu.M.	3967-00	4261-00
		(III) Having cross sectional area more than 0.12 Sq. mt. and up to 0.18 Sq. mt.	Cu.M.	3405-00	3640-00
34	0.0	Providing and laying controlled cement concrete M/250 exposed work with curing etc. complete including the cost of form work 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. mt.	Cu.M.	4282-00	4534-00
		(II) Having cross sectional area more than 0.08 Sq. mt. up to 0.12 Sq. mt.	Cu.M.	3919-00	4138-00
		(III) Having cross sectional area more than 0.12 Sq. mt. and up to 0.18 Sq. mt.	Cu.M.	3492-00	3673-00
		(B) Columns:			
		(I) Having cross sectional area 0.05 to 0.08 Sq. mt.	Cu.M.	4879-00	5220-00
		(II) Having cross sectional area more than 0.08 Sq. mt. up to 0.12 Sq. mt.	Cu.M.	4399-00	4690-00
		(III) Having cross sectional area more than 0.12 Sq. mt. and up to 0.18 Sq. mt.	Cu.M.	3837-00	4069-00
35	0.0	Providing and applying anticorrosive treatment with polymer base materials to the steel reinforcement incl. descaling the rust and applying rust preventive coatings of approved make (for the R.C.C. structures near coastal area only) etc. complete.	M.Tonne	---	---
36	0.0	Providing thermo Mechanically treated bars (RNT EARS) confirming to IS 786/FC 415 for R.C.C works including bendings, binding and placing in position complete upto floor two level.	Quint	2025-00	2970-00
		CHAPTER - 6 BRICK WORK			

1	6.12	Brick work using common burnt clay building bricks having crushing strength not less than 35 kg/Sq. cm. in foundations and plinth in cement mortar 1:5 (1 cement : 5 fine sand)			
		(A) Modular	Cu.M.	1088-00	1168-00
		(B) Conventional	Cu.M.	1061-00	1123-00
2	6.13	Brick work using common burnt clay building bricks having crushing strength not less than 35 kg/Sq. cm. in foundations and plinth in cement mortar 1:6 (1 cement : 6 fine sand)			
		(A) Modular	Cu.M.	1054-00	1133-00
		(B) Conventional	Cu.M.	1021-00	1084-00
3	0.0	Brick work using common burnt clay building bricks having crushing strength not less than 35 kg/Sq. cm. in foundations and plinth in cement mortar 1:8 (1 cement : 8 fine sand)			
		(A) Modular	Cu.M.	1042-00	1122-00
		(B) Conventional	Cu.M.	983-00	1046-00
4	0.0	Brick work using common burnt clay building bricks having crushing strength not less than 35 kg/Sq. cm. in foundations and plinth in cement mortar 1:1.5 (1 cement : 1.5 fine sand)			
		(A) Modular	Cu.M.	1033-00	1123-00
		(B) Conventional	Cu.M.	998-00	1072-00
5	0.0	Brick work using common burnt clay bricks having crushing strength not less than 35 kg/Sq. cm. in foundations and plinth in cement mortar 1:2 (1 cement : 2 fine sand)			
		(A) Modular	Cu.M.	1013-00	1102-00
		(B) Conventional	Cu.M.	975-00	1048-00
6	6.19	Extra for brick in super structure above plinth level upto floor two level.			
		(A) Modular	Cu.M.	43-20	50-00
		(B) Conventional	Cu.M.	44-95	53-00
7	6.2	Extra for brick in super structure above floor two level.	Per floor		
		Item No. 1.12 (A)	Per Cu.M.	10-90	11-70
		(B)	Per Cu.M.	10-60	11-20
		Item No. 2 (A)	Per Cu.M.	10-55	11-30
		(B)	Per Cu.M.	10-20	10-80
		Item No. 3 (A)	Per Cu.M.	10-20	11-00
		(B)	Per Cu.M.	9-85	10-50
		Item No. 4 (A)	Per Cu.M.	10-30	11-00
		(B)	Per Cu.M.	10-00	10-50
		Item No. 5 (A)	Per Cu.M.	10-15	10-80
		(B)	Per Cu.M.	9-75	10-20
8	6.30	I. Half brick masonry in common burnt clay building bricks having crushing strength note less than 35 Kg/Sq. Cm. in cement mortar 1:4 (1 cement : 4 coarse sand) in foundation and plinth.			
		(A) Modular	Sq.M.	140-00	151-00
		(B) Conventional	Sq.M.	147-00	157-00
		II. - do - in C.M. 1:5			
		(A) Modular	Sq.M.	127-00	147-00

		(B) Conventional	Sq.M.	133-00	152-00
		II. - do - in C.M. 1:1.5			
		(A) Modular	Sq.M.	129-00.	141-00
		(B) Conventional	Sq.M.	134-00	146-00
9	6.31	I.Half brick masonry in common burnt clay building bricks having crushing strength note less than 35 Kg/Sq. Cm. in cement mortar 1:3 (1 cement : 3 coarse sand) with 2 No. of 6 mm mild steel round bars after every three coarse embedded in cement mortar in foundation and plinth.			
		(A) Modular	Sq.M.	163-00	186-00
		(B) Conventional	Sq.M.	171-00	193-00
10	6.32	Extra for half brick masonry in superstructure above plinth level upto floor two level.			
		(A) Modular	Sq.M.	7-90	9-10
		(B) Conventional	Sq.M.	8-65	9-90
11	6.33	Extra for half brick masonry in superstructure above plinth level upto floor two level.			
		(A) Modular	Sq.M.	1-40	1-50
		(B) Conventional	Sq.M.	1-50	1-50
12	6.55	Half bricks thick honey comb brick work with burnt clay building bricks having crushing strength not less than 35 Kg/Sq. Cm. in			
		(I) In cement mortar 1:4 (1 cement : 4 coarse sand)	Sq.M.	79-00	83-70
		(II) In cement mortar 1:5 (1 cement : 5 coarse sand)	Sq.M.	75-85	80-60
13	0.0	Providing and laying hollow block masonry 90 mm thick using hollow concrete blocks, hollow through and throng confirming to IS-2185 (Part-I) grade-B (5.0) with cement mortar 1:4 laying in perfect line level and plumb, properly grooving the joints including the cost of scaffolding and curing etc. complete.		Sq.M.	---
14	0.0	-- do -- for 140 mm thick hollow block masonry		Sq.M.	---
15	0.0	-- do -- for 190 mm thick hollow block masonry		Sq.M.	---
16	6.12 (C)	Brick work using fly ash bricks having crushing strength not less than 35 Kg/Sq. Cm. in foundations and plinth in cement mortar 1:5 (1 cement : 5 fine sand)	Cu.M.	---	1137-00
17	6.13 (C)	Brick work using fly ash bricks having crushing strength not less than 35 Kg/Sq. Cm. in foundations and plinth in cement mortar 1:6 (1 cement : 6 fine sand)	Cu.M.	---	1098-00
18	3.00 (C)	Brick work using fly ash bricks having crushing strength not less than 35 Kg/Sq. Cm. in foundations and plinth in cement mortar 1:8 (1 cement : 8 fine sand)	Cu.M.	---	1059-00
19	6.19 (C)	Item No. 153 - A :- Extra for brick in superstructure above plinth level upto floor two level using fly ash bricks.	Cu.M.	53-00	53-00
20	6.32 (C)	Item No. 155 :- Extra for brick in superstructure above floor two level using fly ash bricks in cement mortar 1 : 5.	Su.m.	9-90	9-90

21	6.20	Item No. 157 :-			
	(III) (C)	Extra for brick in superstructure above floor two level using fly ash bricks in cement mortar 1 : 6.	Per Floor Per Cu.M.	11-00	11-00
22	6.20	Item No. 159 :-			
	(IV) (C)	Extra for brick in superstructure above floor two level using fly ash bricks in cement mortar 1 : 8.	Per Floor Per Cu.M.	10-60	10-60
23	6.31 (C)	Half brick masonry in fly ash bricks having crushing strength note less than 35 Kg/Sq. Cm ² . in cement mortar 1:3 (1 cement : 3 coarse sand) with 2 Nos. of 6 mm mild steel round bars after every three couse embeded in cement mortar in foundation and plinth.	Sq.M.	194-00	194-00
24	6.55 (I) (C)	Half bricks thick honey comb brick work with 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)	Sq.M.	87-70	87-70
25	6.55 (II) (B)	Half bricks thick honey comb brick work with burnt clay building bricks having crushing strength not less than 35 Kg/Sq. Cm. (I) in cement mortar 1:5 (1 cement : 5 coarse sand)	Sq.M.	81-50	81-50
26	6.30	Item No. 165 (A) :-			
	(I) (C)	Half brick masonry in fly ash bricks having crushing strength note less than 35 Kg/Sq. Cm ² . in cement mortar 1:4 (1 cement : 4 coarse sand).	Sq.M.	159-00	159-00
27	6.30	Item No. 167 (A) :-			
	(II) (C)	Half brick masonry in fly ash bricks having crushing strength note less than 35 Kg/Sq. Cm ² . in cement mortar 1:5 (1 cement : 5 coarse sand).	Sq.M.	152-00	152-00
28	6.33	Item No. 175 (A) :-			
	(C)	Extra for half brick masonry in superstructure above floor two level using fly ash bricks in cement mortar.	Sq.M.	1-60	1-60
		CHAPTER - 7 STONE MASONRY			
1	7.6	(I) Un-coursed rubble masonry with hard stone approved quality in foundations and plinth in cement mortar 1:6 (1 cement : 6 coarse sand including leveling etc complete.	Cu.M.	1074-00	1208-00
		(II) - do - in C.M. 1:5	Cu.M.	1042-00	1262-00
		(III) - do - in C.M. 1:1.5	Cu.M.	942-00	1155-00
2	7.8	Extra over item 7.6 for superstructure above plinth level upto floor two level.	Cu.M.	58-80	68-00
3	7.9	Extra for additional lifit in superstructure above floor two level.	Cu.M.	9-80	12-10
4	7.17	(A) Coarsed rubble masonry with hard stone of approved quality in foundation and plinth in cement mortar 1:6(1 cement ; 6 coarse sand) etc complete.	Cu.M.	114-00	1376-00
5	7.17	(B) Coarsed rubble masonry with stone of approved quality in foundation s and plinth in cement mortar 1:5(1 cement : 5 coarse sand) etc complete.	5 Cu.M.	1171-00	1425-00
		(C) - do - in C.M. 1:4	Cu.M.	1228-00	1483-00

		(D) - do - in C.M. 1:3	Cu.M.	1350-00	1589-00
6	7.19	Extra over item 7.17 for superstructure above plinth level upto floor two level.	Cu.M.	54-40	64-00
7	7.20	Extra for additional lift in superstructure above floor two level.	Per floor per Cu.M.	13-50	15-90
8	0.0	White stone bela masonry block in coarse in super structure with stone of approved quality in lime mortar 1:1.5 (1 lime putty : 1.5 fine sand) including raking out joints etc complete	Cu.M.	950-00	2079-00
9	0.0	White stone bela masonry work in partition wall up to 15 cms thickness in C. M. 1 : 4 (1 cement : 4 coarse sand)	Sq.M.	96-60	239-00
10	0.0	White stone bela masonry block in coarse in super structure with stone of approved quality in cement mortar 1:1.5 (1 cement : 1.5 coarse sand) including raking out joints etc complete	Cu.M.	1042-00	2124-00
11	0.0	White stone bela masonry block in coarse in super structure with stone of approved quality in cement mortar 1:6 (1 cement : 6 coarse sand) including raking out joints etc complete	Cu.M.	998-00	2090-00
12	7.75	Precast concrete block masonry (including quoin block, jamb block, 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 aggregate of 20 mm and down gauge) in foundation and plinth in cement mortar 1:6.	Cu.M.	1980-00	2111-00
13	7.93	Extra for masonry work with precast concrete block in superstructure above plinth upto floor two level.	Cu.M.	44-95	51-40
14	7.82	(A) Precast concrete block masonry in partition walls 10 cms thick with solid block of approved size (including quoins, blocks, jamb blocks, closures etc) made of C.C. 1:3:6(1 cement 3 coarse sand : 6 graded stone aggregates 20 mm and down gauge) in C. M. 1:4	Sq.M.	396-00	416-00
		CHAPTER - 9 FORM WORK			
1	9.1	Providing form work in 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 & removal of the same for in situ reinforced or plain concrete work in			
		(A) Foundation, footings, bases of columns etc. and mass concrete.	Sq.M.	62-15	67-50
		(B) Flat surface such as soffits of slabs, landing and the like (I) Floors etc. 200 mm in thickness. (II) Floors etc. above 200 mm in thickness.	Sq.M.	88-20	96-50
		(C) Vertical surfaces such as walls (any thickness) partitions.	Sq.M.	94-95	104-00
		(G) Columns, pillars, posts & struts.	Sq.M.	78-65	86-70

		(1) Square, rectangular, polygonal in plan	Sq.M.	101-50	112-00
		(2) Circular or curved in plan.	Sq.M.	130-00	150-00
		(H) (1) Sides and soffits of beam, haunchings cantilevers, girders, bressumers and lintels exceeding 1 M in depth.	Sq.M.	69-90	75-60
		(2) Sides and soffits of beam, haunchings cantilevers, girders, bressumers and lintels exceeding 1 M in depth.	Sq.M.	89-60	98-40
		(I) Edges of slabs and breaks in floor and walls.	Sq.M.	23-10	25-30
		(K) small surfaces such as cantilevers ends, brackets, and ends of the steps, caps and bases to pilasters and columns and the like.	Sq.M.	200-00	221-00
		(L) chullah hoops, weather sheds, chhajas, carbels etc including edges.	Sq.M.	58-15	63-50
		(M) Staircase with-sloping or stepped soffits incl. risers & strings excluding landing.	Sq.M.	82-65	91-20
		(Q) Vertical fins and vertical sun breakers.	Sq.M.	123-00	138-00
2	9.2	Extra for additional height of propping and centering below supporting floor to ceiling not exceeding 4.0 mt. Between supporting floor two ceiling incl. temporary brick or stone pillars for supporting as required.			
		(I) Height more than 4.0 M & upto 5.0 M	Sq.M.	94-95	109-00
		(II) Height more than 5.0 M & upto 6.0 M	Sq.M.	138-00	196-00
		(III) Height more than 6.0 M & upto 7.0 M	Sq.M.	138-00	262-00
3	9.7	Extra for providing form of work with sheathing of steel sheets so as to give a fair finish in			
		(A) Foundation, footings, bases of columns etc. and mass concrete	Sq.M.	29-10	32-40
		(B) Flat surfaces & such as soffits of slabs, landings and the like			
		(i) Floors etc. up to 200 mm in thickness	Sq.M.	29-10	32-40
		(ii) Floors etc. above 200 mm in thickness	Sq.M.	29-10	32-40
		(C) Vertical surfaces such as walls (Any thickness), partitions.			
		(G) Columns, pillars, posts and struts.			
		(1) Square, rectangular, polygonal in plan.	Sq.M.	29-10	32-40
		(2) Circular or curved in plan.	Sq.M.	29-10	32-40
		(H) (1) Sides & soffits of beams, beam haunchings, cantilever, girders, bressings lintels not exceedings 1 M in depth.	Sq.M.	29-10	32-40
		(2) Sides & soffits of beams, beam haunchings, cantilever, girders, bressings & lintels exceedings 1 M in depth.	Sq.M.	29-10	32-40
		(I) Edges of slabs and breaks in floor and walls:	Sq.M.	29-10	32-40
		(K) Small surface such as cantilever ends, brackets, and ends of steps, caps and bases to pillars and columns including edges.	Sq.M.	29-10	32-40
		(L) Chollar woods whether sheds, chhajas, corrodes etc. and the like	Sq.M.	29-10	32-40
		(M) Staircase with-sloping or stepped soffits incl. risers & strings excluding landing.	Sq.M.	29-10	32-40
		(Q) Vertical fins and vertical sun breakers.	Sq.M.	29-10	32-40

CHAPTER - 10 WOOD WORK AND JOINERY					
1	10.1	Providing wood work in frames of doors, windows clear story windows and other similar work, wrought, framed and fixed in position :			
		(A) India teak wood.	10 Cu.Dm.	444-00	467-00
2	10.4	Providing wood work in trusses, purlins, rafters, posts, post plates, wall plates, and like wrought, framed, hoisted and fixed in position.			
		(A) India teak wood.	10 Cu.Dm.	530-00	535-00
3	10.5	Providing wood work in frames of false ceiling, partition etc. swan and put up in position.			
		(A) India teak wood.	10 Cu.Dm.	484-00	430-00
4	10.12	Providing and fixing 35mm thick fully panelled shutters for doors, windows, and clerestory windows including anodised aluminium butt hinges with necessary screws.			
		(A) India teak wood.			
		(I) Fully panelled	Sq.M.	1762-00	1863-00
		(II) Fully glazed	Sq.M.	1336-00	1418-00
		(III) Partly panelled & partly glazed.	Sq.M.	1549-00	1640-00
5	10.13	Providing and fixing 35 mm thick fully panelled, shutters for doors, windows and clerestory windows including black enamelled M.S. butt hinges with necessary screws.			
		(A) India teak wood.			
		(I) Fully panelled	Sq.M.	1690-00	1801-00
		(II) Fully glazed	Sq.M.	1264-00	1356-00
		(III) Partly panelled & partly glazed.	Sq.M.	1477-00	1578-00
6	10.15	Providing and fixing 25 mm thick fully panelled, shutters for cupboards etc. including anodised aluminium butt hinges with necessary screws			
		(A) India teak wood.			
		(I) Fully panelled	Sq.M.	1316-00	1394-00
		(II) Fully glazed	Sq.M.	1065-00	1132-00
		(III) Partly panelled & partly glazed.	Sq.M.	1190-00	1578-00
7	10.16	Providing and fixing 25 mm thick shutters for cupboards etc. including black enamelled M.S. butt hinges with necessary screws.			
		(A) India teak wood.			
		(I) Fully panelled	Sq.M.	1289-00	1376-00
		(II) Fully glazed	Sq.M.	1038-00	1114-00
		(III) Partly panelled & partly glazed.	Sq.M.	1163-00	1245-00
8	0.0	Add extra for providing and fixing 40 mm th. shutters instead of 35 mm th. shutters.			
9	10.23	Providing and fixing 35 mm thick panelled glazed or panelled and glazed shutters for doors, windows and clerestory windows including anodised aluminium butt hinges with necessary shutters with			
		(A) Plywood sheet panels	Sq.M.	1512-00	1601-00
		(B) Particle boards panels	Sq.M.	1491-00	1579-00

		(C) Hard board panels	Sq.M.	1469-00	1556-00
		(D) Asbestos sheet panels	Sq.M.	173-00	1561-00
10	10.24	Providing and fixing 35 mm thick panelled, glazed or panelled and glazed shutters for doors, windows and clerestory windows including black enamelled M.S. butt hinges with necessary screws hinges.			
		(A) Plywood sheet panels	Sq.M.	1440-00	1542-00
		(B) Particle boards panels	Sq.M.	1419-00	1520-00
		(C) Hard board panels	Sq.M.	1397-00	1497-00
		(D) Asbestos sheet panels	Sq.M.	1401-00	1501-00
11	10.30	Providing and fixing flush door shutters, solid core construction with frame of 1 st class shard wood with cross band and face veneer or plywood face panels including anodised aluminium butt hinges with necessary screws			
		(B) Non-decorative type and block board core Anodised aluminium butt hinges in flush door shutters :			
		(2) 35 mm thick	Sq.M.	1252-00	1314-00
12	10.37	Extra for using bright finished M. S. Piano hinges of			
		(A) Nickel Plated Piano hinges.	Sq.M.	264-00	369-00
13	10.39	Extra for providing vision panel not exceeding 0.1 sq. m. in all types of flush doors (A) Rectangular or square.	Sq.M. of door area	4.50	5-10
14	10.51	Providing and fixing 30 mm thick wire gauze shutters using galvanized M.S. Wire of I.S. gauze designation 85-G with wire of 0.56 mm. dia for doors, windows, and clerestory windows including anodized aluminium butt hinges with necessary screws:			
		(A) India teak wood.	Sq.M.	1065-00	1180-00
15	10.53	Providing and fixing 30 mm thick wire gauze shutters using galvanized M. S. wire of wire gauze designation 85 G with wire of 0.56 mm dia for doors windows and clerestory windows including bright finished or and black enamelled M. S. butt hinges with necessary screws. Mango wood or equivalent quality.	Sq.M.	614-00	703-00
16	10.54	Extra for providing and fixing galvanized M. S. wire gauze of I. S. gauge designation 140 G. to doors, windows and clerestory windows with wire of diameter 0.71 mm instead of I. S. gauge designation 85-G with wire of dia 0.56 mm.	Sq.M.	18-13	27-00
17	10.74	Providing and fixing 12 mm thick and 100 mm wide pelmet of flat pressed 3 layer veneered particle board solid core with 25mm diameter aluminium curtain rod and brackets including fixing with 25 mm x 3 mm M. S. flat 10 cms long and plugs etc. complete.	Metre	102-00	108-00

18	10.84	Providing and fixing 40 mm panelled glazed or panelled and glazed partitions fixed to frames with iron screws etc. complete with Indian teak wood (Frames to be paid separately)	Sq.M.	1400-00	1485-00
19	10.85	Providing and fixing decorative ply wood 4 mm thick in partitions including fixing to frame with screws etc. complete with 50 mm x 12 mm teak wood beading. (Frames to be paid separately)	Sq.M.	472-00	426-00
20	10.86	Providing and fixing plain asbestos cement sheet 6 mm thick in partition including fixing to frames with screws etc. complete with 50 mm x 12 mm deodar wood beading (Frames to be paid separately)	Sq.M.	230-00	246-00
21	10.88	Providing and fixing in partition 4 mm thick medium hard board of approved quality including fixing to frames with screws etc. complete with 50 x 12 mm. Teak wood beading (Frames to be paid separately).	Sq.M.	206-00	220-00
22	10.96	25 mm. thick wooden shelves supported on 40 x 40 x 6 mm. T or L iron brackets fixed at suitable distance not exceeding 75 cms apart with mango wood or equivalent quality.	Sq.M.	841-00	941-00
23	10.97	40 mm thick wood shelves supported on 40 x 40 x 6 mm T or L iron brackets fixed at suitable distance but no exceeding 75 cms apart with mango wood or equivalent quality.	Sq.M.	1174-00	1290-00
24	10.99	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.	20-30	34-00
25	10.100	Providing and fixing M. S. Grills of required pattern to wooden frames of windows frames of windows etc. with M. S. Flats at required spacing and frame around, square or round bars with round headed bolts and nuts or by screws : (A) Plain Grill.	Kg.	28-05	43-00
26	10.102	Providing and fixing hard drawn steel wire fabric 75 x 25 mm mesh of weight not less than 7.75 Kg. Per Sq. M. to window frames etc. including 60 x 20 mm beading of teak wood.	Sq.M.	333-00	408-00
27	10.103	Providing and fixing fly roof galvanized M. S. wire gauge of I. S. gauge designation 85 G with wire of dia 0.56 mm. to windows and clerestory windows including 60 x 20 mm beading of Indian teak wood.	Sq.M.	296-00	352-00
28	10.120	Providing and fixing first class Indian teak wood 75 x 60 mm moulded hand rails in straight lengths completed.	Metre	318-00	337-00
29	0.0	(I) Providing and fixing glazed louvered Glass windows and ventilators with teak wood frame 10 x 75 mm. size including 3 coats of oil painting to wood work etc. complete.	Sq.M	1835-00	1872-00
		(II) - do - with wooden louvers plank 12 mm thick.	Sq.M	2146-00	2196-00
		CONSOLIDATED ITEMS FOR DOORS AND WINDOWS			

30	0.0	Providing and fixing 35 mm th. Shutters for doors windows & clearstory windows incl. wood frames as specified 10 cm. x 7cm. size incl. Indian teak wood frames 10 cm to 7 cm. size incl. anodised alluminium fixtures and fastenings including primer coat of approved quality and two coats of oil paint etc. complete.			
		(I) Fully panelled	Sq.M.	2360-00	2526-00
		(II) Fully glazed	Sq.M.	2786-00	2971-00
		(III) Partly panelled & partly glazed.	Sq.M.	2573-00	2748-00
31	0.0	Providing and fixing 35 mm th. Shutters for doors windows & clearstory windows incl. Indian teak wood frames 10 cm. x 7cm. size incl. Black enameled iron oxidized fixtures and fastenings including primer coat of approved quality and two coats of oil paint etc. complete.			
		(I) Fully panelled	Sq.M.	2183-00	2359-00
		(II) Fully glazed	Sq.M.	2609-00	2804-00
		(III) Partly panelled & partly glazed.	Sq.M.	2396-00	2581-00
32	0.0	Providing and fixing 35 mm th. Shutters for doors windows & clearstory windows incl. wood frames as specified 12 cm. x 7cm. size incl. Indian teak wood frames 10 cm to 7 cm. size incl. anodised alluminium fixtures and fastenings including primer coat of approved quality and two coats of oil paint etc. complete.			
		(I) Fully panelled	Sq.M.	2490-00	2676-00
		(II) Fully glazed	Sq.M.	2916-00	3121-00
		(III) Partly panelled & partly glazed.	Sq.M.	2703-00	2898-00
33	0.0	Providing and fixing 35 mm th. Shutters for doors windows & clearstory windows incl. Indian teak wood frames 12 cm. x 7cm. size incl. Black enameled iron oxidized fixtures and fastenings including primer coat of approved quality and two coats of oil paint etc. complete.			
		(I) Fully panelled	Sq.M.	2313-00	2509-00
		(II) Fully glazed	Sq.M.	2739-00	2954-00
		(III) Partly panelled & partly glazed.	Sq.M.	2526-00	2731-00
34	0.0	Add extra for providing and fixing 40 mm th. shutters instead of 35 mm thick shutters including oil painting etc. complete.	Sq.M.	158-00	158-00
35	0.0	Add extra for providing and fixing 25 mm th. shutters instead of 35 mm thick shutters including oil painting etc. complete.	Sq.M.	310-00	310-00
2	11.4	Steel work welded in built up sections frame work including cutting, hoisting, fixing in position and applying priming coat of red lead paint.			

		(A) In beam and joints, channels, angles, tees, flats with connection plates or Angle cleats as in main & cross beams. Hop and jack rafters, purlins connected to common rafters and the like.	Quint	2305-00	5358-00
		(B) In trusses and trussed purlins up to 25 m span and 15 mm overall height.	Quint	2338-00	3454-00
3	11.6	Providing and fixing in position collapsible shutters with vertical channels 20 x 10 x 2 mm braced with flat iron diagonal 20 x 6 mm size with top and bottom rails T iron 40 x 40 x 6 mm with 38 mm dia steel pulleys complete with bolts, units, locking arrangements, stoppers, handles, including a priming coat of red lead paint.	Sq.M.	1535-00	2065-00
4	11.7	Providing and fixing 1 mm thick M. S. sheet sliding shutters both frame and diagonal braces of 40 x 40 x 6 mm. Angel iron 3.15 mm M. S. gusset plates at junctions and corners. 25 mm dia putty 40 x 40 x 6 mm. Angle and T-iron guide rail at top and bottom respectively with handles, stoppers and locking arrangements etc. including applying priming coat of red lead paint.	Sq.M.	1133-00	1596-00
5	0.0	Providing and fixing rolling shutters of approved make made of 80 mm wide M.S.laths interlocked together through their entier length & joined together at the enda by & locks mounted on specially design pipe shaft with bracket plates giudes channel & arrangement for inside & out side locking with push pull operation incl. the the hood cover & spring etc. complete.			
		(A) Shutters having width below 3.5 M	Sq.M.	1782-00	2352-00
		(B) Shutters having width 3.5 M and above	Sq.M.	1975-00	2556-00
6	11.9	Providing and fixing rolling shutters of approved make made of 80 mm wide M.S.laths interlocked together through their entier length & joined together at the enda by & locks mounted on specially design pipe shaft with bracket plates giudes channel & arrangement for inside & out side locking with push pull operation complete but excluding the cost of hood cover & spring.			
		(A) Shutters having width below 3.5 M	Sq.M.	1272-00	1748-00
		(B) Shutters having width 3.5 M and above	Sq.M.	1419-00	1945-00
7	11.10	Providing and fixing 27.5 cm. long wire spring grade No.2 of approved make for rolling shutters.	Each	419-00	
8	11.11	Providing and fixing hood cover for rolling shutters.			
		(A) Shutters having width below 3.0 Metres.	Metre	73-00	105-00
		(B) Shutters having width 3.5 M and above	Metre	76-15	111-00

9	11.14	Fixing standard steel doors, windows & ventilators in walls with 16 x 3.15 mm long 10 cm. long embed in cement concrete block 15 x 10 x 10 of 1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate of 20 mm size) cost for supply of door/window/ventilators shall be paid separately.	Sq.M.	42-25	48-00
10	11.20	Providing and fixing M.S. Fan clamps type 1 of 16 mm dia M.S. bar bent to shape with hooked ends of R.C.C. slabs during laying incl. painting the exposed portion of loops, all as per standard design complete.	Each	32-65	52-20
11	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.	CM. Height	0-50	0-90
12	11.23	Providing and fixing M.S. round holding down or anchor bolts with nuts and washer plates complete.	Kg.	17-50	31-30
13	0.0	Providing and fixing EZ-7 section door / window / frame incl. welding and fixtures fastenings incl. 3 coats of approved enamel oil paints etc. complete.	Sq.M.	205-00	426-00
		CHAPTER - 12 BUILDER'S HARDWARE			
1	12.4	Fixing metallic tower bolts of size with necessary screws etc complete (lower bolts and screws to be paid under separate items)	Each	8-90	
2	12.5	Fixing metallic flush bolts of sizes with necessary screws etc. complete (flush bolts and screws shall be paid under separate item)	Each	1-80	10-20
3	12.8	Fixing metallic or plastic door handles of sizes with necessary screws etc. complete (door handles and screws to be paid under separate items)	Each	0-60	2-00
4	12.10	Fixing metallic gate and shutters hooks and eyes of sizes (hooks and eyes to be paid under separate item)	Each	0-60	1-00
5	12.11	Fixing metallic door latches of sizes with necessary screws (door latches and screws to be paid under separate items)	Each	1-20	1-00
6	12.12	Fixing metallic mortise night latches with necessary screws including making necessary screws holes in wooden door shutters etc. complete (mortise night latches and screws to be paid under separate items)	Each	16-85	19-40
7	12.18	12.18 Fixing metallic ball catchers 100 mm dia (Ball catchers to be paid under separate item)	Each	1-40	1-60
8	12.20	Fixing metallic casement window fasteners with necessary screws etc. complete (Casement window fasteners and screws to be paid under separate item)	Each	1-00	1-10

9	12.21	Fixing metallic casement stays of sizes with necessary screws etc. complete.(casement stays and screws to be paid under separate items.)	Each	1-00	1-10
10	12.24	Fixing metallic cup-board or ward robe locks of sizes with necessary screws etc. complete(locks and screws to be paid separately)	Each	16-85	19-40
11	12.25	Fixing metallic or plastic cup-board or ward robe knobs of size with necessary screws/bolts etc. complete (knobs and screws/bolts to be paid separately)	Each	1-40	1-60
12	12.26	Fixing metallic floor doorstoppers 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	0-70	0-80
13	12.28	Fixing metallic door handles or knobs for metallic locks with necessary screws etc.(doors, handles/knobs and screws to be paid separately).	Each	0-60	0-70
14	12.80	Fixing metallic or plastic door handles of sizes with necessary screws etc. complete (door handles and screws to be paid under separate items)	Each	-	0-70
		CHAPTER - 13 GLAZING			
1	13.1	Providing and fixing sheet glass, selected quality (type-C) bedded putty and fixed with wooden beading including cost of wooden beading of first class teak wood and necessary cutting of glass			
		(1) 5 mm thick.	Sq. M.	521-00	555-00
		(2) 6 mm thick.	Sq. M.	558-00	593-00
2	13.3	Providing and fixing rough cast wired glass 6 mm thick bedded in putty and thick with wooden beading including the cost of wooden beadings of Indian teak wood and necessary cutting of glass.			
		(C) wired figured glass.	Sq. M.	505-00	566-00
3	13.5	Providing and fixing sheet glass ordinary quality bedded in the putty and fixed with wooden beading including the cost of wooden beading of first class teak wood and necessary cutting of glass.			
		(3) 3 mm thick.	Sq. M.	445-00	477-00
		(4) 4 mm thick.	Sq. M.	457-00	490-00
4	13.7	Extra for using ground glass (Frosted or obscured on one side) instead of plain glass.	Sq. M.	12-20	13-00
5	13.11	Difference in cost of material and labour involved in method of glazing if changed in item no 13.1 to			

		(A) Front end back puttied and sprigged or fixed with glazing pins:	Sq. M.	154-00	169-00
6	13.12	13.12 Griding, polishing and round of edges glass or glazing sheets:	Sq. M.	14-45	15-00
		CHAPTER - 14 PAVING & FLOOR FINISHED			
1	14.2	Providg. & laying 40 mm thick marble chips flooring rubbed and polished (i.e. Terrazzo) to granolithic finishing with under layerly 30 mm thick cement concrete (1:2:4) (1 cement:2 coarse sand: 4 graded stone aggregate 10 mm and down gauge) and top layer, 10 mm thick with white, black and black marble chips of required sizes from 1 mm to 4 mm nominal size laid in cement marble power mix 3:1 (3 cement : 1 marble powder by weight in proportion 4:7 cement marble powder mix:7 marble chips by volume)			
		(A) Dark shade pigment with ordinary cement (in top layer only)	Sq. M.	300-00	322-00
		(B) Light shade pigment with white cement (in top layer only)	Sq. M.	365-00	387-00
2	14.4	Providing and laying marble chips skirting (terrazzo) of dedor rubbed and polished to granolithic finish top layer 6 mm thick with white and black or white and black or white and black marble chips of sizes 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 : 7 marble chips by volume) 20 mm. Thick with under layer 14 mm. Thick in cement plaster 1:3 (1 cement : 3 coarse sand) : Dark shade pigment with ordinary cement (in top layer only).			
		(A) Dark shade pigment with ordinary cement (in top layer only)	Sq. M.	226-00	243-00
		(B) Light shade pigment with white cement (in top layer only)	Sq. M.	268-00	284-00
3	14.16	Providing and laying cushioning layer on R.C.C. slab consisting of 75 mm. thick lime concrete using brick aggregate of 20 mm. nominal size 50% mortar comprising of 1 lime : 2 fine sand.	Sq. M.	73-15	82-00
4	14.19	Providing and laying precast terrazzo (Mosaic) tiles 20 mm. thick with white, black or white and black marble chips of sizes upto 6 mm. laid in floors, treads of steps and landings on a bed of 25 mm. average thickness of lime mortar 1:1.5 (1 lime putty : 1.5 Fine sand) or C.M. 1:6 jointed with near cement slurry mixed with pigment to match the shade of the tiles including rubbing and polishing complete with precast tiles of :			

		(A) Light shades using white cement	Sq. M.	283-00	299-00
		(B) Dark shades using ordinary cement	Sq. M.	237-00	259-00
5	14.21	Providing and laying precast terrazzo (Marble/Mosaic) tiles 20 mm. thick with marble chips of size upto 6 mm. in skirting and riser of steps not exceeding 30 cms. In height on 10 mm. thick cement plaster 1:8 (1 cement : 8 coarse sand)jointed with neat cement slurry including rubbing and polishing complete with tiles of			
		(A) Light shades using white cement	Sq. M.	307-00	327-00
		(B) Dark shades using ordinary cement	Sq. M.	239-00	301-00
6	14.25	Providing and laying chequered terrazzo tiles 2 mm. thick with marble chips of size upto 6 mm. in floor on 25 mm. thick bed of like mortar 1:1.5 (1 land putty: 1.5 coarse sand) or C. M. 1:5 joint with neat cement slurry mixed with pigment to match the shade of the tiles including rubbing & polishing etc. complete			
		(A) Light shades using white cement	Sq. M.	379-00	394-00
		(B) Dark shades using ordinary cement	Sq. M.	317-00	348-00
7	14.27	Providing and laying chequered terrazzo tiles 28 mm. thick with marble chips of size upto 6 mm. in stairs & staircases in 12 mm. thick bed of lime mortar 1:1.5 (1 Lime putty : 1.5 coarse sand) or 1:6 joint with neat cement slurry mixed pigment to match the shade of tiles including rubbing & polishing complete			
		(A) Light shades using white cement	Sq. M.	357-00	391-00
		(B) Dark shades using ordinary cement	Sq. M.	312-00	345-00
8	14.29 A	Providing and laying white glazed tiles 6 mm thick in flooring treads of steps and landing laid on a bed of 12 mm thick cement mortar 1:3 (1 cement : 3 coarse sand) finished with flush pointing in white cement.	Sq. M.	533-00	565-00
9	14.29 B	Providing and laying Ceramics vitrified flooring tiles in flooring, treads of steps and landing on a bed of 12 mm thick cement mortar 1:3 (1 cement : 3 coarse sand) finished with flush white cement.	Sq. M.		560-00
10	14.29 C	Item No. 370 Providing and laying Marbo granite flooring tiles 8 mm thick over 20 mm (average) base of cement mortar 1:3 (1 cement : 3 coarse sand) or L.M. 1:1.5 laid and jointed with gray cement slurry incl. rubbing and polishing complete.	Sq. M.	-	1480-00
11	14.32 A	Providing and laying White glazed tiles 5 mm. thick in skirting, risers of steps and dedo on 10 mm. thick cement plaster 1:3 (1 cement : 3 coarse sand) and jointed with white cement slurry.	Sq. M.	542-00	577-00

12	14.32 B	Providing and laying Ceramics vitrified flooring tiles in flooring, treads of steps and dedo on 10 mm. thick cement plaster 1:3 (1 cement : 3 coarse sand) and jointed with white cement slurry.	Sq. M.	-	562-00
13	14.32 C	Providing and laying White glazed tiles 6 mm. thick in skirting, risers of steps and dedo on 10 mm. thick cement plaster 1:3 (1 cement : 3 coarse sand) and jointed white cement slurry. (C) marbo grenaite	Sq. M.	-	1490-00
14	14.34	Providing and fixing 50 mm. internal or external angles of glazed tiles.	Metre	67-80	70-00
15	14.36	Providing and laying marble stone slab flooring over 20 mm. (Average) base of cement mortar 1:6 (1 cement: 6 coarse sand) or L.M. 1:1.5 laid and jointed with grey cement slurry including rubbing and polishing complete:			
		(A) Marble slab 20 mm. thick.	Sq.M.	953-00	1008-00
		(B) Marble slab 25 mm. thick.	Sq.M.	-	1036-00
16	14.36	Providing and laying narbo granite flooring tiles 8 mm thick over 20 mm. (Average) base of cement mortar 1:6 (1 cement: 6 coarse sand) or L.M. 1:1.5 laid and jointed with grey cement slurry including rubbing and polishing complete:	Sq.M.	-	2216-00
17	14.43	Providing and laying polished Kota stone slab (Polished, Green colour) flooring over 20 mm. (average) thick base of cement mortar 1:6 (1 cement : 6 coarse sand) or lime mortar 1:1.5 laid over and jointed with grey cement slurry including rubbing and polishing complete.			
		(A) 25 mm. thick.	Sq.M.	388-00	447-00
		(B) 30 mm. thick.	Sq.M.	416-00	468-00
18	14.44	Providing and laying polished Kota stone slab 25 mm. thick in riser of steps, dado and pillars laid on 10 mm. thick cement mortar 1:3 (1 cement : 3 coarse sand) jointed with grey cement slurry including rubbing and polishing etc. complete.	Sq.M.	412-00	480-00
19	14.46	Providing and laying Rough chiselled dressed (kota stone green) stone flooring over 20 mm. 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 coarse sand) etc. complete.			
		(A) 25 mm. thick.	Sq.M.	250-00	265-00
		(B) 40 mm. thick.	Sq.M.	262-00	285-00
20	14.71	Providing and laying Cement concrete flooring for I.P.S. 1:2:4 (for Indian Patent Stones) (1 cement: 2 coarse sand: 4 graded stone aggregate 20 mm. nominal size) lain in layer finished with a floating coat of net cement.			
		(A) 40 mm. thick.	Sq.M.	91-75	101-00
		(B) 50 mm. thick.	Sq.M.	108-00	119-00

21	14.74	Providing and laying Cement concrete pavement (25 mm. to 50 mm. thick) with 1:2:4 (1 cement : 2 coarse sand : 4 stone aggregate 20 mm. nominal size) including finishing with a floating coat neat cement complete.	Cu.M.	1808-00	1881-00
22	14.81	Providing and laying 20 mm. thick precast concrete tile with aggregate of size upto 6 mm. laid in floors, treads of steps and landings on 20 mm. thick bed of cement mortar 1:6 (1 cement : 6 coarse sand) or L.M. 1:1.5 jointed with neat cement slurry with pigment to match the shade of the tiles complete with precast tiles of			
		(A) Dark shades using ordinary cement.	Sq.M.	-	247-00
		(A) Light shades using ordinary cement.	Sq.M.	173-00	203-00
23	14.86	Providing and laying Chequered precast concrete tiles 22 mm. thick with aggregate of sizes upto 6 mm. in floors, treads of steps and landings on 20 mm. thick bed of C.M. 1:6 (1 cement: 6 sand) or like mortar 1:1.5 (1 Lime putty, 1.5 coarse sand) jointed with neat cement slurry with pigment to match the shade of tiles.	Sq.M.	240-00	254-00
24	14.90	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	Sq.M.	133-00	140-00
25	14.87	Extra for rubbing and polishing the precast cement concrete tiles in flooring, skirting or dado	Sq.M.	44-00	50-00
26	14.91	Providing and laying alsoe flooring made of 38 mm thick block board and P.V.C. tiles incl. cutting preparing edges fixing P.V.T. tiles on is ch. comp. capital Dn. rate.	Sq.M.	-	2114-00
27	0.0	Providing and laying precast terrazzo tiles 22 mm. thick with white, black or white and black marble chips of sizes upto from 6 mm to 12 mm. laid in floors, treads of steps and landings on a bed of 25 mm. average thickness of lime mortar 1:1.5 (1 lime putty : 1.5 Fine sand) or C.M. 1:6 jointed with near cement slurry mixed with pigment to match the shade of the tiles including rubbing and polishing complete with precast tiles of :			
		(A) Light shades using white cement	Sq. M.	317-00	333-00
		(B) Dark shades using ordinary cement	Sq. M.	270-00	286-00

28	0.0	Providing and laying precast terrazzo tiles 22 mm. thick with white, black or white and black marble chips of sizes upto from 12 mm to 20 mm. laid in floors, treads of steps and landings on a bed of 25 mm. average thickness of lime mortar 1:1.5 (1 lime putty : 1.5 Fine sand) or C.M. 1:6 jointed with near cement slurry mixed with pigment to match the shade of the tiles including rubbing and polishing complete with precast tiles of :			
		(A) Light shades using white cement	Sq.M.	327-00	343-00
		(B) Dark shades using ordinary cement	Sq.M.	274-00	290-00
29	14.92	Providing and laying fine dressed 38 mm. average thick dholpur stone paving over lime mortar 1:2 (1 cement lime putty : 2 sand) including filling joints with cement mortar c.m. 1:3 and flush pointing with coloured cement painting and finishing as directed. :	Sq.M.	-	315-00
CHAPTER - 15 ROOF COVERINGS					
1	15.1	Providing corrugated G.I. sheets roofing fixed with galvanized iron 'J' or 'L' hook bolts, and nuts 8 mm. dia with bitumen and G.I. limpet washers filled with white lead complete excluding the cost of purlines, rafters and trusses.	Sq.M.	415-00	536-00
		(I) 0.8 mm. thick sheet.			
2	15.7	Providing ridges or hips 600 mm. overall in plain G.I. sheets fixed with G.I. 'J' or 'L' hooks bolts and nuts 8 mm. dia G.I. limpet and bitumen washer etc, complete	Metre	253-00	321-00
		(I) 0.8 mm. thick sheet.			
3	15.8	Providing valleys 900 mm. overall in plain 1.6 mm. thick G.I. sheet Class – 3 fixed with 'J' or 'L' hook bolts and nuts galvanized from 'J' or 'L' hook bolts and bitumen washers complete.	Metre	511-00	646-00
4	15.20	Providing asbestos cement sheets roofing fixed with G.I. plain and bitumen washers complete excluding cost of purlins, rafters and trusses:			
		(A) Corrugated sheet.			
		(I) 7 mm. thick	Sq.M.	235-00	251-00
		(II) 6 mm. thick	Sq.M.	223-00	238-00
5	15.10	Providing and fixing 150 mm. wide 450 mm. overall semicircular plain G.I. sheet class-3 Gutter with iron brackets 40 mm. x 3 mm. size bolts nuts, washers etc. including making necessary connections with rain water pipes:			
		(I) 0.8 mm. thick sheet.	Metre	248-00	335-00
6	15.25				
		(D) North light adjustable ridges.	Metre	94-00	99-00

7	15.26	Filling cement concrete 1:2:4 (1 cement: 2 coarse sand: 4 graded stone aggregate 12.5 nominal size) in gaps of A.C. sheet corrugation and wings of ridges.	Metre	10-10	12-00
8	15.27	Providing and fixing asbestos cement roofing accessories with galvanized iron 'J' or 'L' hook bolts and nuts, G.I. plain and bitumen washer etc. complete:	Metre	257-00	283-00
		(II) North light and ventilators curfves.			
9	15.29	Providing and fixing asbestos cement socketed half round eaves gutter with bolts, nuts, bitumen washer etc. and flat iron brackets 40 mm. x 3 mm. size including asbestos rope and plastic roofing compound in joints complete:			
		(I) 150 mm. nominal size.	Metre	131-00	150-00
		(II) 300 mm. nominal size.	Metre	139-00	160-00
10	15.51	Tiled roofing with Manglore pattern roof tiles including teak reepers of size 50 mm. x 25 mm.	Sq.M.	98-50	105-00
11	15.75	Providing and fixing five course water proofing treatment felt consisting of second and fourth course of blown bitumen or/and residual bitumen applied hot 1.20 kg. /sq.mt. of area for each course and first course and first course with fibre base self finished felt type 2 Grade – I, fifth and final course of stone grit 6 mm. and down size or pea sized gravel spreaded at 0.008 cum/sq.mt. including preparation of surface, excluding grading complete.	Sq.M.	244-00	264-00
12	15.87	Providing and fixing on wall face C.I. rain water pipe including filling the joints spun yarn socked in neat cement slurry and cement mortar 1:2 (1 cement: 2 fine sand)			
		(A) 75 mm. dia.	Metre	158-00	187-00
13	15.88	Providing and fixing M.S. holder bat clamps of approved design to C.I. or S.C.I. pipes embedded and including cement concrete blocks (100 mm. x 100 mm. 100 mm.) size in 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm. nominal size) and cost of cutting holes and making good the walls etc. complete :			
		(A) 75 mm. dia.	Each	29-60	34-00
14	15.90	Providing and fixing M.S. holder bat clamps of approved design to C.I. or S.C.I. pipes embedded and including cement concrete blocks (100 mm. x 100 mm. 100 mm.) size in 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm. nominal size) and cost of cutting holes and making good the walls etc. complete :			
		(A) 75 mm. dia.	Metre	158-00	190-00

15	15.93	Providing and fixing and embedding sand C.I. rain water pipe in the mason surrounded with 12 mm. thick cement mortar of the same mix as that masonry :			
		(B) 80 mm. dia.	Metre	42-70	47-00
		(C) 100 mm. dia.	Metre	51-00	56-00
16	15.94	Providing and fixing for A.C. pipe on wall plugs and standard holder bat clamps comprising of two semi circular halves of flat iron and cast iron base screwed on wooden plugs :			
		(B) 80 mm. dia.	Each	15-20	17-40
		(C) 100 mm. dia.	Each	15-20	17-40
17	15.95	Providing and fixing on wall face asbestos cement for rain water pipe including jointing with spun yarn soaked in bitumen and cement mortar 1:2 (1 cement : 2 coarse sand)			
		(A) Bend of required degree			
		(3) 80 mm. dia without door	Each	17-15	27-00
		(5) 100 mm. dia without door	Each	20-00	29-00
		(B) Offsets 50 mm			
		(2) 80 mm. dia	Each	23-25	33-00
		(3) 100 mm. dia	Each	27-80	36-00
		(C) Offsets 75 mm			
		(2) 80 mm. dia	Each	25-55	35-00
		(3) 100 mm. dia	Each	28-70	38-00
		(J) Junction equal angle			
		(3) 80 mm. dia without door	Each	30-00	39-00
		(5) 100 mm. dia without door	Each	36-65	46-00
		(K) Junction equal double angle			
		(3) 80 mm. dia without door	Each	32-20	42-00
		(4) 100 mm. dia without door	Each	35-55	45-00
		(L) Standard shoe			
		(2) 80 mm. dia	Each	27-80	37-00
		(3) 100 mm. dia	Each	300	39-00
		CHAPTER - 16 CEILING AND LINING			
1	16.3	Providing and fixing wooden planks ceiling with tongued and grooved jointing and wood screws (frames work and cover fillets to be measured and paid separately) :			
		(A) India Teak Wood			
		(i) 12 mm. thick	Sq.M.	548-00	580-00
		(ii) 20 mm. thick	Sq.M.	881-00	928-00
		(iii) 25 mm. thick.	Sq.M.	1089-00	1145-00
2	16.3 A	Deduct for butt jointing in place of tounge and grooved type joint in item 16.3	Sq.M.	11-15	13-00
3	16.4	Providing and fixing fibre insulation board lining with butt jointing and nails (frame work and cover fillets to be measured and paid separately).			
		(l) 12 mm. thick	Sq.M.	208-00	218-00
		(ii) 18 mm. thick.	Sq.M.	301-00	315-00
		(iii) 25 mm. thick.	Sq.M.	383-00	401-00

4	16.13	Providing and fixing plywood lining with butt jointing and nails (frame work and cover filled to be measured and paid for separately)			
		(I) 6 mm. thick ply.	Sq.M.	195-00	205-00
		(II) 9 mm. thick ply.	Sq.M.	277-00	290-00
5	16.21	Providing and fixing plain asbestos sheet lining with butt jointing and wood screws (frame work and cover fillets to be paid for separately).			
		(I) Class-A - 6.5 mm. thick.	Sq.M.	200-00	218-00
		(II) Class-B - 5 mm. thick.	Sq.M.	200-00	218-00
6	0.00	Providing and fixing false ceiling of 35 mm thick thermocal seet and plain Ac sheet with necessary chill wordfroming fixing with P.C.C. slab with necessary boods th. Comp.			
		(કેપીટલ ડીવીઝન ગાંધીનગર) રેટ	Sq.M.		700-00
CHAPTER - 17 PLASTERING AND POINTING					
1	17.58	Provdg. 10 mm. thick cement plaster in single coat on fair side of 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)	Sq.M.	37-00	40-00
		(II) Cement mortar 1:4 (1 cement : 4 sand)	Sq.M.	33-00	36-00
		(III) Cement mortar 1:6 (1 cement : 6 sand)	Sq.M.	29-00	32-00
2	17.60	Provdg. 15 mm. thick cement plaster in single coat on fair side of 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)	Sq.M.	50-00	54-00
		(II) Cement mortar 1:4 (1 cement : 4 sand)	Sq.M.	44-00	48-00
		(III) Cement mortar 1:6 (1 cement : 6 sand)	Sq.M.	38-00	42-00
3	17.61	Provdg. 20 mm. thick cement plaster in single coat on rough side of single or half brick wall for interior plastering upto floor two level, finished even and smooth in			
		(I) Cement mortar 1:3 (1 cement : 3 sand)	Sq.M.	63-00	68-00
		(II) Cement mortar 1:4 (1 cement : 4 sand)	Sq.M.	55-00	60-00
		(III) Cement mortar 1:6 (1 cement : 6 sand)	Sq.M.	47-00	52-00
4	17.69	Extra over item 58 to 64 for finishing with a floating coat of net cement slurry.	Sq.M.	13-00	15-00
5	17.70	(A) Extra over items 58 to 67 for providing and mixing water proofing materials in cement mortar in proportion recommended by the manufacturers.	Sq.M. per bag of 50 kg of cement used in mex	31-00	32-00
6	17.91	Extra over item no. 58 to 71 for plastering on ceiling and soffits of stair upto floor two level instead of plastering on walls.	Sq.M.	4-00	5-00
7	17.94	Extra over item no. 1 to 69, 71 to 87 and 90 interior plastering above floor two level for every additional story height	Sq.M. X No.of storey		
		(1) Single coat plaster.	do	3-60	4-10
		(2) Two coat plaster.	do	4-40	6-00
		(3) Floating coat of neat cement	do	0-60	0-70

8	17.93	Extra over item no. 91 for plastering on ceiling and soffits of stairs above floor two level for every additional story height.	Sq.M.	3-50	4-10
9	17.95	20 mm. thick sand face cement plaster on walls upto height of 10 mm. and above ground level consisting of 12 mm. thick backing coating of C.M. 1:3 (1 cement : 3 sand) and 8 mm. thick finishing coat in C.M. 1:1 (1 cement :1 sand) etc. complete.	Sq.M.	88-00	95-00
10	17.116	Pointing on brick work with cement mortar 1:3 (1 cement : 3 coarse sand)			
		(A) Flush pointing.	Sq.M.	26-40	30-00
		(B) Rulled pointing.	Sq.M.	27-00	31-00
11	17.117	Painting on brick work with cement mortar 1:4 (1 cement : 4 sand) flush pointing.			
		(A) Flush pointing.	Sq.M.	25-00	29-00
		(B) Rulled pointing.	Sq.M.	26-00	30-00
12	17.140	Pointing on coursed stone masonry with cement mortar 1:3 (1 cement :3 sand) flush pointing.			
		(A) Flush pointing.	Sq.M.	24-00	27-00
		(B) Rulled pointing.	Sq.M.	25-00	28-00
13	17.144	Pointing on uncoursed stone masonry with cement mortar 1:3 (1 cement :3 sand) Flush pointing.			
		(A) Flush pointing.	Sq.M.	29-00	33-00
		(B) Rulled pointing.	Sq.M.	30-00	34-00
14	17.154	Extra over item 17, 112 to 17.151 for pointing on walls on the outside at height more than 10 metres from ground level for ever additional height of 5 metres or part thereof.	Sq.M.	1-30	1-50
15	0.0	Providing cement vata (10 cms x 10 cms) size quarter round in cement mortar 1:1 including near cement finishing, watering etc. complete.	RMT.	9-00	9-00
		CHAPTER - 18 WHITE WASHINGS COLOUR WASHING DISTEMPERING & OTHER FINISHES.			
1	18.11	White washing with lime on undecorated wall surfaces (two coats) to give an even shade including thoroughly brooming the surface to remove all dirt, dust mortar drops and other foreign matter.	Sq.M	2-15	3-00
2	18.12	White washing with lime on decorated wall surface (One coat) to give an even shade including thoroughly brooming the surface to remove dirt, dust mortar drops and loose scales of lime wash and other foreign matter.	Sq.M	1-00	1-20
3	18.13	Extra over item 18.11 and 18.12 for every subsequent coat of white washing with lime on wall surfaces.	Sq.M	1-00	1-20
4	18.14	Extra over item 18.11 for white washing with the lime on ceiling and/or sloping roof.	Sq.M with lime	0-17	0-20

5	18.15	Extra over 18.12 for white washing with lime on ceilings and sloping roofs.	Sq.M.	0-10	0-10
6	18.16	Extra over the item No. 18.13 for every subsequent coat of white washing with lime on ceiling and/or sloping roofs.	Sq.M.	0-10	0-10
7	18.17	Colour washing with lime on undecorated wall surfaces (Two coats) over and including priming coat of white washing to give even shade including thoroughly brooming the surface to remove all dirt, dust, mortar drops and other foreign matter. The relevant specifications for the materials and workmanship of item No. 18.11 shall be followed except that it shall be for colour wash.	Sq.M.	2-20	2-70
8	18.18	Colour washing with lime on decorated wall surfaces (one coat) 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.	Sq.M.	1-35	1-70
9	18.19	Extra over item No. 18.17 and 18.18 for every subsequent coat of colour wash with lime on wall surface.	Sq.M.	1-45	1-70
10	18.20	Extra over item 18.17 for colour washing on ceilings and/or sloping roofs.	Sq.M.	0.35	0-40
11	18.21	Extra over item 18.19 for colour washing on ceilings and sloping roofs.	Sq.M.	0.35	0-40
12	18.29	Cement washing with Portland cement slurry on undecorated wall surfaces, (one coat) to give a smooth finish including thoroughly brooming the surface to remove all dirt, dust, mortar drops and other foreign matter.	Sq.M.	2-00	2-40
13	18.30	Extra over item No. 18.29 for every subsequent coat of cement washing with Portland cement slurry.	Sq.M.	2-00	2-40
14	18.33	Removing dry or oil bound distemper by washing and scraping and sand papering the wall surface smooth including necessary repairs to scratches complete.	Sq.M.	1-30	2-20
15	18.34	Extra over item No. 18.33 for removing dry oil bound distemper on ceiling and sloping roofs.	Sq.M.	0-20	0-30
16	18.38	Distemping with dry (water bound) Distemper of approved brand and manufacture (two coats) and of required shade on undecorated wall surfaces to give an even shade over and including a priming coat of white washing after thoroughly brooming the surface free from mortar droppings and other foreign matter.	Sq.M.	15-00	17-10
17	18.39	Distemping with dry (water bound) distemper of approved brand and manufacture (one coat) and of required shade, on decorative wall surface to give an even shade after thoroughly brushing the surface clean of all grease dirt, loose pieces of scales including preparing the surfaces and even sand papered smooth.	Sq.M.	5-40	6-00

18	18.40	Extra over item 38 & 39 for every subsequent coat of distemper with dry distemper of approved brand and manufacture.	Sq.M.	4-00	4-00
19	18.41	Extra over item 38 for distempering with dry distemper on ceiling and sloping roofs.	Sq.M.	1-00	1-30
20	18.42	Extra over item 18.40 for distempering with dry distemper on ceiling/sloping roofs.	Sq.M.	0-30	0-30
21	18.44	Distempering (two coats) with oil bound distemper of approved brand and manufacture and or required shade on undecorated wall surfaces to give an even shade, over and including a priming coat with distemper primer of approved brand and manufacturer after thoroughly brushing the surface free from mortar dropping and other foreign matter also including preparing the surface even and sand papered smooth.	Sq.M.	26-00	32-80
22	18.45	18.45 Distempering (two coats) with oil bound washable distemper of approved brand and manufacture and of shade required on undecorated wall surfaces to give an even shade, over and including a priming coat with alkali resistance primer of approved brand and manufacture after thoroughly brushing the surface free from mortar droppings, and other foreign matter and also including preparing the surface even and sand -papered smooth	Sq.M	26-00	32-80
23	18.46	Distempering (one coat) with oil bound washable distemper of approved brand of required shade on decorated wall surfaces to given an even shade after thoroughly brushing the surfaces 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	Sq.M	26-00	32-80
24	18-47	Extra over items 44 to 46 for every subsequent coat of distempering with oil bound washable distemper of approved brand and manufacture	Sq.M	9-20.	13-20.
24	18-47	Extra over items 44 to 46 for every subsequent coat of distempering with oil bound washable distemper of approved brand and manufacture.	Sq.M	8-00	11-20.
25	18.48	Extra over item 44, 45 for distempering with oil bound washable distemper on ceiling and sloping roofs	Sq.M	1-25.	1-50.
26	18-49	Extra over item 46, 47, for every subsequent cost of distempering on ceiling and sloping roofs.	Sq.M	0-50	0-60
27	18-51	18.51 Finishing wall with water proofing cement paint on an undecorated 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.	Sq.M	19-00	21-00

28	18-53	Extra over item .51 for every subsequent coat of water proofing cement point of approved brand and manufacture.	Sq.M	7-35.	8-20.
29	18-54	Extra over item .51 for finishing with cement paint on ceiling/sloping roofs.	Sq.M	1-00	1-30.
30	18-56	Extra over item 53 for every subsequent coat of finishing with cement paint on ceiling and sloping roofs.	Sq.M	0-50.	0-60.
31	18-57	18.57 Wall painting (two coats) with plastic emulsion paint of approved brand and manufacture on undecorated wall surfaces to give an even shade including thoroughly brushing the surface free from mortar dropping and other foreign matter and sand paper smooth	Sq.M	34-00	36-40
32	18-59	Extra over item No.57 for every subsequent coat of wall painting with plastic emulsion paint of approved brand	Sq.M	14-15	15-30
33	18-60	Extra over item 57 for painting with plastic emulsion paint of approved brand on ceiling and sloping roofs.	Sq.M	0-80	1-00.
34	18-62	Extra over item 59 for paint on ceiling and sloping roofs.	Sq.M	0-35.	0-40.
		<u>CHAPTER - 19 PAINTING AND POLISHING</u>			
1	19.2	Applying priming coat new steel and other metal surface after and incl. preparing the surface by /thoroughly cleaning, oil, grease, dirt & other foreign matter & scoured with brusnes fine steel wood. Scrpers & sand paper with ready mixed paint brushing red lead.	Sq.M	13-50	14-80
2	19.7	Painting two coats (excl. priming coat) on new steel & other Metal surfacer with enamel paint, brushing, interior to give an even shade incl. cleaning the surface of all dirt, dust and other foreign matter.	Sq.M	39-00	40-90
3	19.11	Painting two coats (excl. priming coat) on peviously painted steel & other Metal surfacer with enamel paint, brushing, interior to give an even shade incl. cleaning the surface of all dirt, dust and other foreign matter.	Sq.M	24-00	25-40
4	19.15	19.15 Extra over item No. 19.7 and 19.11 for every subsequent coat of paint.	Sq.M	23-00	24-20
5	19.19	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.	Sq.M	31-00	38-00
6	19.21	19.21 Painting one coat (excluding priming coat) on previously painted steel and other metal surfaces with synthetic enamel paint brushing to give an even shade including cleaning the surface of all dirt, dust and other foreign matter.	Sq.M	19-00	20-30

7	19.23	19.23 Extra over item No. 19.19 and 19.21 for every subsequent coat of paint	Sq.M	19-00	20-30
8	19.5	Painting two coats (excluding priming coat) on external surfaces of new rain water, soil, waste and vent pipes and fittings with ready mixed bituminous paint brushing, black anticorrosive to give an even shade including cleaning of all dirt, dust and other foreign matter			
		(B) 75 mm dia	metre	7-00	7-50.
		(C) 100 mm dia	metre	8-40.	9-30.
9	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	Sq.M	17-50	18-90
		(C) Ready mixed paint, brushing priming for enamel.	Sq.M	17-50	18-90
10	19-62	Extra over item No. 19.59 (D) for every subsequent coat of priming coat ready mix paint brushing priming for enamel.			
		(B) ready mixed paint, brushing wood primer, pink	Sq.M	14-50	17-70
		(C) Ready mixed paint, brushing priming for enamel.	Sq.M	13-50	17-70
11	19.71	Painting two coats (excluding priming coat) on new wood and wood based surfaces with enamel paint interior to give an even shade including cleaning the surface off all dirt, dust and other foreign matter sand papering and slopping	Sq.M	38-50	41-40
12	19.73	Painting one coat (excluding priming coat) on previously painted wood and wood based surfaces with enamel paint to give even shade including cleaning of all dirt, dust and other foreign matter.	Sq.M	24-00	25-90
13	19.75	19.75 Extra over item 71 and 73 for every subsequent coat of paint	Sq.M	23-00	24-70
14	19.77	Painting two coats (excluding priming coat) on new wood and wood based surfaces with of ready mixed paint brushing, oil gloss, semi-gloss, to give an even shade including cleaning all dust, dirt and other foreign matter sand papering and stopping.	Sq.M	48-00	51-30
15	19.84	19.84 Varnishing two coat (excluding priming coat) on new wood and wood based surfaces undercoating with flatting varnish and finishing coat varnish to give an even surface of all dirt, dust and sand papering so as to produce a smooth dry surface.	Sq.M	21-00	23-Oct
16	19.86	Extra over item 84 for every subsequent coat of varnish.	Sq.M	9-00	Sep-60

17	19.87	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 papered smooth and including a coat of wood filler.	Sq.M	41-25	46-70
18	19.88	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 including a coat of wood fille	Sq.M	22-00	24-50
19	19.91	19.91 Applying wax polish on new wood work and wood based surfaces with bee's wax polish in proportion 2:1, 5:1, 05:05 (2 Bess Wax, 1.5 linseed oil : 1 Turpentine oil : 0.5 Varnish by weight) to give an even surface including cleaning the surface of all dirt, dust and sand papered smooth.	Sq.M	21-00	24-50
20	19.92	19.92 Applying wax polish on previous wax polished wood and wood based surfaces with bess, wax polish in proportion of 1 : 1.5 : 1 : 0.5 (2 Bess 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	Sq.M	12-40.	14-60
21	19.98	19.98 Coal tarring two coats on new wood and wood based surfaces using 0.15 and 0.12 litres of coal tar per sq. m. in the first and second coat respectively to give an even shade including cleaning of all dirt, dust and other foreign matter `	Sq.M	9-00	10-60.
22	19.100	Extra over Item 19.98 for every subsequent coat of paint.	Sq.M	5-10.	6-10.
23	19.119	Writing letter of figures on any surface with black Japan paint (stops, comas, hyphens and the like not be measured and paid for separately)			
		(I) Block (Letters / figures)	Per letter perCM.Ht.	0-50.	0-60.
		(II) Indian (Letters / figures)	Per letter perCM.Ht.	0-50.	0-70.
24	19.121	Extra over Item 19.119 for using thick white paint instead of black Japan paint.			
		(I) Block (Letters / figures)	Per letter perCM.Ht.	0-06.	0-10.
		(II) Indian (Letters / figures)	Per letter perCM.Ht.	0-06.	0-10.
25	19.126	Painting lines, dashes, arrows, letters etc. on roads, air fields, and like in two coats with road marking paint, brushing including the surface of all dirt, dust and other foreign matter			
		(I) Over 10 cm in width	Sq.M	47-65	52-00

		(II) Upto 10 cm in width	Metre	50-00	5-20.
26	19.127.	Painting lines, dashes, arrows, letters etc. on roads, airfields and like in one coat with road marking paint, brushing including cleaning the surface of all dirt, dust and other foreign matter			
		(I) Over 10 cm in width	Sq.M	23-65	24-20.
		(II) Upto 10 cm in width	Metre	24-80	2-50.
		CHAPTER -20 DEMOLOTION & DISMANTING			
1	20.1	Demolition and disposal of unserviceable materials with all leads and lifts			
		(i) Lime concrete	Cu.M	78-30	102-00
		(II) Unreinforced cement concrete	Cm.M	89-45	117-00
2	20.3	Demolition including stacking of serviceable materials and disposal of unserviceable materials with all leads and lifts			
		(I Cu.M	Cu.M	152-00	202-00
3	20.11	Demolition of brick work and stone masonry including stacking of serviceable materials and disposal of unserviceable materials with all leads and lifts			
		(I) In lime mortar	Cu.M	55-30	70-00
		(II) In cement mortar	Cu.M	81-25	106-00
4	20.21	Demolition of terrace incl. stacking of serviceable materials and disposal of unserviceable materials with all lead lift.			
		(I) Brick tile covering	Sq.M	10-05.	12-30.
5	20.23	Dismantling tiled or stone floors laid in mortar including stacking of serviceable material and disposal of unserviceable material with all lead and lifts	Sq.M	7-60.	9-30.
6	20.25	Dismantling of wooden floors including stacking of serviceable materials and disposal of unserviceable materials with all lead and lifts	Sq.M	10-80.	13-80
7	20.27	Dismantling of sheet roofing including ridges ships valleys gutters etc . striking of serviceable material and is of unserviceable materials with all leads and lift			
		(i) G.I. Sheet roofing	Sq.M	7-60.	Sep-30
		(ii) A.C. sheet roofing	Sq.M	8-20.	10-30.
8	20.28	20.28 Dismantling Mangalore or country tile roofing with battens boarding etc. including of serviceable materials and disposal of unserviceable materials with all lead & lifts.	Sq.M	13-05.	16-80
9	20.30	Dismantling cement asbestos / hard board in ceiling or partition walls wooden trellis work including frames., stacking of the serviceable materials and disposal of unserviceable materials with all leads and lifts.	Sq.M	7-30.	9-20.
10	20.35	Dismantling wood work wrought frame and fixed in frame trusses including stacking the materials with all lead and lift	Cu.M	292-00	344-00

11	20.39	Dismantling expanded metal or IRC fabric with necessary battens and beadings including frame work and stacking the serviceable materials with all lead and lift.	Sq.M	8-45.	10-80.
12	20.43	Dismantling steel work including dismembering and stacking the materials with all leads and lifts.	Kg.	0-55	0-70
13	20.49	The dismantling doors windows ventilatlation etc. (wood or steel) shutters including chowkhats architraves hold fasts and other attachments etc. complete and stacking them within all lead & lifts			
		(I) Not exceeding 3 Sq.M. in area	Each	31-65	36-60
		(II) Exceeding 3 Sq.Min area	Each	42-00	49-00
14	20.51 + 20.52	20.51 Dismantling barbed wire fencing including making rolls and also including dismantling fanning posts including all earth work concrete in the base and making good the disturbed ground stacking unseal materials as directed and disposing all the unserviceable materials with all leads al lifts	Rmt.	10-50.	12-90.
15`	20.56	20.56 Dismantling CP pipes GSW pipes and AC rain water pipes with fitting and clamps including stacking the materials with all lead and lift (for any dia of pipe)	Rmt.	11-50.	14-60.
16	0.0.	Dismantling santary, fitting, lime washbasin, W.C. pan indian and eqropian type flushing tank etc.. Stacking the materials with all lead and lift.	Each	59-60	79-30
17	0.0.	Scraping oil paint from stell and other metal surface and making the surface even (with hand scraping)	Sq.M	7-75.	9-40.
		<u>CHAPTER -21 REPAIRS TO BUILDINGS</u>			
1	21.8	Providing and fixing M S fan clamps of shape & size as specified in existing RCC slab including cutting chasc & making good	Each	46-55	61-40
2	21.23	Cutting out crack of the roof terrace to V section. Cleaning, wetting, grouting, with cement and sand slurry 1:3 (1 cement : 3 sand)	Metre	11-25.	12-90.
3	21.24	Cutting out cracks of roof terrace to V-Section clearing out and filling solidly with a hot mixtures of bitumen and clean dry sand (1:1 by weight)	Metre	16-40	21-10.
		<u>CHAPTER -22 MISCELLANEOUS BUILDING ITEMS</u>			

1	22.2	Providing and fixing 1.20metre high tenting with 2 meter long M S angle posts40mm X 6 mm and oil painting 3 coats fixed at 2.5 M C/C with five horizontal lines and two diagonals of galvanized steel barbed wire weighting 938 kg per 100 meter (Min) strained and fixed to posts with GI staples including fixed to post in ground with 0.5 M X 0.5 M x 0.5 < block in CC 1:5:10 (1 cement , 5 Sand 10 graded brick aggregate 40 mm nominal size) etc complete	Rmt.	154-00	194-00
2	0.0.	Construction of B.B.Masonry paniyara 23 cm x 75 cm wall & 15 cm curbing incl. fixing precast R.C.C.Marble mosaic(Terrazo) slab of 75 mm thick. On top and smooth finishing in cement plaster in C.M. 1 :3 curing etc. complete incl. drainage out waste arrangement.	Rmt.	496-00	533-00
3	0.0.	Construction a sink (Chowkd) with C.C.1 :2 :4 12cm. Th over B.B. Masonry in C.M. (1:6) in front and dwarf wall 1.0 Mt. High & 23 Cm.th cement plater to Masonry in C.M.(1:3) and cement concrete flooring in 1:2:4 with 5 Cm, dia A.C.Drain pipe etc. comp.	Sq.M	652-00	701-00
4	0.0.	Constructing A cooking platform 60 cmwidth and 70 cm , high resting on B.B. masonry walss 23 cm th. In C.M. (1:6) with			
		(I) Fixing of precast R.C.C.(1:2:4) 8 cm. th slab with marble mosaic chips wet in C.M. (1:6) (6 mm. th. Terrazo) with plastering on exposed faces of wall in C.M. (1:4) etc. comp.	Rmt.	355-00	1011-00
		(II) Fixing black Kadappa stone 30 mm thick paid on precast R.C.C. (1:2:4)slab with plasterign on exposed faces of wall C.M. (1:4)etc. comp.	Rmt.	541-00	1193-00
5	0.0.	Carrying out timber treatment to all wood work incl. drilling holes and spreying oil based chemical solution on surface ot timbner work for termite contorl including labour and materials etc. comp	Sq.M	38-20	45-00
6	0.0.	applying General insecticide pest control treatment to floors, cupboards etc.. Including labour materials etc. comp,	Sq.M	32-25	35-00
7	0.0.	Carrying out plinth treatment to post construction / exsiting structure by spraying chemical solution for termite control treatment incl. labour and materials consistant with I.S.I specification.	Sq.M	53-80	60-00
8	0.0.	Carrying out wall treatment for termite control including spreying with chemical solution in oil base (0.5 Lit/sq.M) including labour and materials .	Sq.M	17-60	20-20
9	0.0.	Provdg. and fixing Rajula stone 75 mm thick 60cms x 45 cms size including fixing in cement mortar as directed.	Each	63-45	66-20

10	0.0.	Provdg. And laying billimora type brick facing in C.M. 1 :1 laid over bedding of cement mortar 1 :3 (13 mm thickness) including clearing watering, scaffolding etc. complete.	No.	51-90	55-90
11	0.0.	Providing fusion bonded epoxy coating reinforcement bars as per I.S. 13620-1993 specification for a thickness of 175+05 mm coms. Including testing f coating at plant using PVC coated bunding wires instead of GI wires, toching up the materials supplied repair works etc. additional transportation to and from plant, complete as per detailed specification for diameter as under :-			
		(1) 32 mm dia bars	M.T.	6743-00	
		(2) 28 mm dia dars	M.T.	7627-00	
		(3) 25 mm dia dars	M.T.	8086-00	
		(4) 20 mm dia bars	M.T.	9153-00	
		(5) 16 mm dia bars	M.T.	10160-00	
		(6) 12 mm dia bars	M.T.	10869-00	
		(7) 10 mm dia bars	M.T.	12103-00	
		CHAPTER -23 WATER SUPPLY PLUMBING & SANITARY FITTINGS			
		A- Water Supply			
		(A) Tubes and Fittings.			
1	23.2	Provdg. And fixing to wall, ceiling & floor galvanised mild steel tubes(Medium grade) of the following nominal bore, tube fitting and clamps incl. making good the wall, ceiling and floor.			
		(A) 15 mm	Metre	91-05	97-50
		(B) 20 mm	Metre	102-00	128-00
		(C) 25 mm	Metre	140-00	172-00
		(D) 32 mm	Metre	162-00	218-00
		(E) 40 mm	Metre	194-00	249-00
		(F) 50 mm	Metre	257-00	336-00
2	23.4	provdg. And laying in tranches galvanised mild steel tubes (Medium. Grade) of the following nominal bore., & tube fittings (Earth works in tranches)			
		(A) 15 mm	Metre	71-90	76-30
		(B) 20 mm	Metre	81-35	103-00
		(C) 25 mm	Metre	116-00	142-00
		(F) 40 mm	Metre	158-00	204-00
		(G) 64 mm	Metre	289-00	350-00
		(H) 80 mm	Metre	382-00	465-00
3	23.6	Making cnection of galcanised mild steel distribution branch with galvanised mild stell main 50 mm to 80mm nominal bore by providing and fixing tee incl. sutting and threding the pipes complete.	Each	160-00	317-00

4	23.8	Provdg. & fixing to wall ceiling and floor 6.0 kg. F/Cm2 working pressure ploythelene pipes of the following outside dia, low density, complete with special flange empression type fittings, wall clips etc. incl. making good the wall ceiling and floor.			
		(A) 20 mm dia	Metre	27-35	35-60
		(B) 25 mm dia	Metre	30-85	44-13
	23.8.A	Item Np. 569-A			
	0.0.A	Provdg. And fixing to wall ceiling and floor 10.00 kg. F/Sq.Cm working pressure polythelene pipes of the following outside diameter, low, density, complete with special flange compression type fittings, wall clips etc. making good wall ceiling and floor.			
		(A) 20 mm dia			
		(B) 25 mm dia			
		(C) 32 mm dia			
		(D) 40 mm dia			92-70
		(E) 50 mm dia			133-00
		(F) 75 mm dia			238-00
		(G) 100 mm dia			412-00
4	23-80	(C) 32 mm dia	Metre	41-35	64-80
		(D) 40 mm dia	Metre	52-65	76-25
		(E) 50 mm dia	Metre	64-30	89-00
		(F) 75 mm dia	Metre		156-00
		(G) 100 mm dia	Metre		284-00
5	23-79	Provdg. & fixing cast iron spigot & socket soil, waste and ventilating pipes of the following nominal size			
		(B) 75 mm dia	Metre	253-00	553-00
		(C) 100 mm dia	Metre	300-00	680-00
6	0-0	Provdg. & fising in position cowl went to pies			
		(i) 75mm dia	Each	73-15	223-00
		(ii) 100 mm dia	Each	85-55	305-00
7	0-0	Provdg. & fixing A.C. soil down take pipe with necessary bands etc.comp.			
		(i) 75mm dia	Each	34-60	36-90
		(ii) 100 mm dia	Each	37-95	40-50
8	23-87	Provdg. and fixing cast iron(Spuun) Nahni trap of the following nominal diameter of self clenising design with C.I. scread down or hinged gratiing incl. cost of sutting & making, good the walls and floors 100 mm inlet and 50 mm outlet.	Each	166-0	212-00
9	23.111	provdg. and fixing water cloest swatting pan (indian type W.C. pan) size 580 mm (Earth work. Bed concrete, foot ress and trap to be meaasured and paid for separately)			
		(A) Vitreous China :			
		(1) Long pattebn white colour	Each	427-00	455-00

10	23.112	Provdg. & fixing wash down water closet (European type W.C> Pan) with integral P or S trap incl. jointing the trap with soil pipe in cement mortar1:1 (1 cement : 1 fine sand) seat and cover to be measured & paid for separately)			
		(A) Vitreous China :	Each	677-00	716-00
11	23.113	Provdg. & fixing 100 mm size P or S trap for water closet squatting pan incl. jointing the trap with the pan & soil pipe in cement mortar 1 :1 (cement : 1 fine sand)			
		(A) Vitreous China :	Each	131-00	141-00
12	23-114	Provdg. & fixing in cement mortar 1 :3 (1 cement : 3 coarse sand) a pair of white vitreous china 2005 mm x 130 mm x 30 mm foot rest for long pattern squatting pan water closet.	Each pair	73-25	77-00
13	23-115	provdg. & fixing 12.5 litres low level flushing cistern with a pair of C.I. or mild brackets, complete with fitting such as lead valve less syphon, 15 mm nominal size brass ball valve with polythelene coat C.P.Brass handle unions & couplings for connections with inlet outlet & overflow pipes, 40 mm dia, porcelain enamelled flushbend incl. cutting holes in walls and making good the same connection the flush bend with cistern & closet (Overflow pipe to be measured & paid for separately)			
		(A) Vitreous China :			
		(i) in white colour	Each	1560-00	1703-00
14	23-116	Provdg. & fixing 12.5 litres High level C.I. flushing cistern with a pair of C.I. mild steel brackets, complete with fitting such as syphonic arrangement, 15 mm nominal size brass ball valve with polythene float, level G.I.. Chain(60 Cm) & pull union and couplings for connections with inlet, outlet and overflow pipes etc. incl. cutting holes in walls & making good the same (Overflow pipe to be measured) and paid for separately).	Each	849-00	877-00
15	23.117	Provdg. & fixing in position with clamps etc. 32 mm nominal internal diameter galvanised steel tube flush pipe for high level flushing cistern incl. connecting the flush pipe with cistern and closet & making good the walls and floors.	Metre	88-00	109-00
16	23-120	Provdg. & fixing G.I. inlet connection for flush pipe with W.C. pan.	Each	16-60	25-00
17	23.121	Provdg. & fixing plastic seat & cover for wash down water closet with C.P. brass hinges and rubber buffers.			
		(B) Black plastic seat & cover	Each	278-00	291-00
18	23.127	Provdg. & fixing wash basin with single hole for pillar tap with C.I. or M.S. brackets painted white incl. cutting holes and making good the same but excluding fittings.			
		(A) Vitreous China :			

		(II) flat bank washbasin			
		500 mm x 400 mm x 150 mm size			
		(i) in white colour	Each	645-00	694-00
19	23.130.	Provdg. & fixing kitchen sink C.I. or M.S. brackets, painted white incl. cutting holes in walls and making good the same but excluding fitting.			
		(C) vitreous China sink :			
		(I) 600 mm 450 mm x 150 mm size	Each	1530-00	1616-00
20	23.135	Provdg. & fixing C.P. Brass wste for wash basin of Sink.			
		(A) 32 mm dia	Each	39-60	53-00
		(B) 40 mm dia	Each	48-50	70-40
21	23.136	Provdg. & fixing M.I, fisher union for waswf basin or sink.			
		(A) 32 mm dia	Each	49-00	58-60
		(B) 40 mm dia	Each	57-30	70-20
22	23.139	Provdg. & fixing 100 mm sand cast iron garting for gully, floor or nahni trap	Each	17-20	23-80
23	23.141	Provdg.& fixing C.P. Brass snower rose with 15 mm or 20 mm inlet.			
		(A) 100 mm dia	Each	83-90	134-00
24	23.143	Provdg. & fixing 600mm x 450 mm develled edge mirror of superior glass mounted of .6 mm th. A.C. sheet or plywood sheet and fixed to wooden pluge with C.P. brass screws and washers.	Each	361-00	416-00
25	23.144	Provdg. & fixing C.P..Brass towal rail complete with C.P. brass brackets fixed to wooden plugs with C.P. Brass screws.			
		(B) 600 mm x 20 mm size	Each	205-00	281-00
26	23.145	Provdg. & fixing 600mm C 120 mm glass shelf with C.P. brackets and gurad rail complete, fixed to wooden plug with C.P. brass screws.	Each	142-00	187-00
27	23.146	Provdg. And fixing toliet papers holder.			
		(A) C.P. Brass	Each	123-00	135-00
28	23.92	Provdg. & fixing screw down bib taps of following size.			
		(A) Brass screw down bib tap polished bright			
		(I) 15 mm dia	Each	67-80	100-00
		(II) 20 mm dia	Each	78-90	129-00
		(B) N Brass chromium plated screw down bib tap			
		(I) 15mm dia	Each	78-90	100-00
		(II) 20 mm dia	Each	84-40	129-00
		(C) Gun metal screw dw\own bib tap			
		(I) 15 mm dia	Each	56-65	94-00
		(II) 20 mm dia	Each	62-20	106-00
29	323-95	Provdg. & fixing pillar tap capstan head, screw down high pressure with screws shanks and back nuts.			
		(A) 15 mm dia	Each	146-00	175-00
		(B) 20 mm dia	Each	146-00	198-00
30	23.96	Provdg. & fixing brass screw down stop tap			
		(A) 15 mm dia	Each	95-55	100-00
		(B) 20 mm dia	Each	123-00	129-00

		(C) 25 mm dia	Each	123-00	135-00
31	23.99	Provdg. & fixing Gun metal check or nonreturn full wheel valve.			
		(A) 15 mm dia	Each	116-00	176-00
		(B) 20 mm dia	Each	168-00	209-00
		(C) 25 mm dia	Each	190-00	291-00
		(D) 32 mm dia	Each	212-00	349-00
		(E) 40 mm dia	Each	212-00	523-00
32	0.0.	Provdg. & fixing chromium plated brass half turn flush cock of approved quality including fixing pipe the etc. complete.			
		(I) 20 mm dia	Each	239-00	288-00
		(II) 25 mm dia	Each	253-00	301-00
		(III) 32 mm dia	Each	272-00	320-00
33	23.122	provdg. & Fixing urinal of approved quality incl. connection the urinal with waste pipe, trap wtc. Complete.			
		(A) White earthenware flat back or corner type size 430mm x 260 mm x 350 mm	Each	467-00	496-00
34	23.124	provdg. & Fixing urinal of approved quality incl. connection the urinal with waste pipe, trap wtc. Complete.			
		(A) Squatting plate patten white earthenware 550 mm x 300 mm	Each	615-00	663-00
35	23.134	Provdg. & fixing rubber plug for sink or wash basin.	Each	14-45	15-10.
36	0.0.	provdg. & fixing chromium plated bottle trap with necessary coupling of approved quality for washbasin.	Each	107-00	293-00
37	0.0.	Provdg. & fixing ball cock of approved quality as directed.			
		(A) Copper metel.			
		(I) 25 mm dia	Each	161-00	234-00
		(II) 50 mm dia	Each	234-00	245-00
		(B) Abonite			
		(I) 25 mm dia	Each	124-00	205-00
		(II) 50 mm dia	Each	171-00	257-00
38	0.0.	Provdg. & fixing C.I, Manhole cover 0.60 M X 0.45 M size having weight not less then 35 kg.	Each	186-00	826-00
39	0.0.	Provdg.& fixing G.I.rain water soput of 50 mm dia and 30 cm length.	Each	60-20	74-60
40	0.0.	Provdg. & fixing 600mm x 4500mm berelled edge mirror fixed to wooden plug with C.P. brass screws.	Each	312-00	361-00
		CHAPTER -24 DRAINAGE AND SEWERAGE ITEMS			
1	24.1	Provdg. & laying (to level slopes) & jointing with stiff, mixture of cement mortar in proportion 1 :1 salt glazed stoneware piprs following nominal diameters incl. testing of pipes and joints complete.			
		(A) 100 mm dia	Metre	85-00	847-90
		(B) 150 mm dia	Metre	121-00	123-00

2	24.2	Provdg. & lzying cmenet concrete 1 :5 :10 (1 cmenet :5 fine sand :10 graded stone aggragate 40 mm nominal size) bedding for stone ware pipes of following internal diameter with necessary form work and curing complete.			
		(A) 100 mm dia (112 mm avg. bed thick,)	Metre	45-90	49-60
		(B) 150 mm dia (116 mm avg. bed thick.)	Metre	77-15	83-40
3	0.0.	Provdg. & laying lime coincrete 1 :2 :4 (1 lime putty : 2 fine sand : 4 graded brick aggregate 40 mm nominal size) bedding for stoneware pipe of following internal diameter with necessary form work ans curring complete.			
		(A) 100mm dia. 300 mm width (112 mm avg. bed thickness)	Metre	35-75	36-20
		(B) 150 mm dia. 450 mm width (166 mm avg. bed thickness)	Metre	60-10	60-90
4	24.17	Extra over Item . 24 for provdg. Salf glazed stoneware fitting.			
		(I) Bends fo required degree (Any radius/)? Of following internal diameters			
		(A) 100 mm dia	Metre	40-70	42-50
		(B) 150mm dia	Metre	51-80	54-10.
		(II) Tapper bend of required degree of following internal diameter.			
		(A) 100 mm X 150 mm	Metre	68-50	71-50
		(III) single junction of required angle of following internal diameter.			
		(A) 100 mm	Metre	46-25	50-00
		(B) 150 mm dia	Metre	59-60	70-00
5	24.19	Provdg. & laying jointing & pointing with stiff mixture of cement mortar 1:1 (1 cement : 1 fine sand) 150 mm internal diameter salf galzed stoneware half round channels	Metre	81-70	86-60
6	24.19	Provdg. & laying S.W. Gully trap with C.I. garting brick masonry chamber & water tight C.I. cover with frame of 300 mm x 300 mm size (inside) with standard weight.			
		(I) Swuare mouth trap			
		(A) 100 mm x 100 mm size P-trap	Metre	443-00	574-00
		(B) 150 mm x150 mm size P-Trap	Metre	451-00	580-00
7	24.22	Provdg. & laying (to leve or slopes) 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 joint incl. testing of joints complete.			
		(B) 150 mm	Metre	150-00	150-00
		(C) 250 mm	Metre	249-00	175-00
		(D) 300 mm	Metre	282-00	388-00
		(E) 450 mm	Metre	503-00	516-00
		(F) 500 mm	Metre	491-00	610-00
		(G) 600 mm	Metre	519-00	720-00
		(H) 900 mm	Metre	1061-00	1258-00
		(K) 1000 mm	Metre	1270-00	1843-00
		(M) 1200 mm	Metre	1552-00	2202-00

8	24.27	Constg. Manhole with R.C.C. top slab in 1 : 2 : 4 mix (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm. nominal size) foundation concrete 1 : 3 : 6 (1 cement : 3 coarse sand : 6 brick bats 40 to 50 mm. size) inside plastering 15 mm. thick with C.M. 1 : 5 (1 cement : 5 coarse sand) finished with floating coat of neat cement and making channels in C.C. 1 : 2 : 4 (1 cement : 2 coarse sand : 4 stone aggregate 20 mm. nominal size) finished smooth complete incl. curing and testing (1) inside size 900 mm. x 120 mm. and 1.5 mm. deep including C.I. cover with frame size.			
		560 mm diameter total weight of cover & frame to be not less than 128 kg, (Wt. of cover 64 kg. & Wt. of frame 64 kg) (A) with 230 mm th. Walls of brick masonry using brick having crushing strength not less than 356 kg./Sq.cm in cement mortar 1 : 5 (1 cement : 5 coarse sand)			
		(1) A- type depth 0.90 metre for 150 mm diameter sewer	Each	3832-00	8341-00
		(2) B- type depth 1.50 metre for 150 mm diameter sewer.	Each	6741-00	11380-00
		(3) C-type depth 2.24 meter for 150 mm diameter sewer	Each	7863-00	12267-00
		(4) D-type depth 3.15 metre for 150 mm diameter sewer.	Each	9529-00	14545-00
9	24.28	(I) Extra rate for costing B. B. masonry or every additional depth of 0.1 M. or part there of over item 24.27 (I) for depth from 0.90 M to 1.5 M.	Each	170-00	180-00
		(II) Extra rate for constg. B. B. masonry for every additional depth of 0.1 M. and part thereof over item 24.27 (II) for depth from 1.5 M. to 2.25 M.	Each	132-00	140-00
		(III) Extra rate for Constg B.B masonry for every additional depth of 0.1 M or part thereof over item 24.27(III) for depth from 2.25 to 3.15 M.	Each	185-00	192-00
		(IV) Extra rate of constg. B. B. masonry for every additional depth of 0.1 M. or part thereof over item 24.27			
		(IV) for depth above 3.15 M.	Each	214-00	226-00
10	24.33	Provdg. & fixing castiron steps of size 500 mm x 150 mm x 22.5 mm 7 painting with two coats of anti corrosive paint etc. complete.	Each	75-05	110-00
11	24.35	24.35 Supplying and fixing C.I. cover 300 x 300 mm. without frame for gully trap (Standard pattern). The weight of cover to be not less than 4.53 Kg	Each	115-00	272-00

12	24.39	Providing and erecting at the site of work steel ventilating column of 150 mm. internal dia. and 12.20 M. high from G. L. to bottom of top grill incl. C.I. grill and base plate, bolts and nuts etc. and excavation in foundation of size 120 x 120 x 165 cms. and filling the pit with 1st layer of cement concrete 1 : 3 : 6 mix (1 cement : 3 coarse sand : 6 graded stone aggregate 20 mm. nominal size) of size 120 x 120 x 90 cm. and remaining pit with B.B.C.C. 1 : 3 : 6 mix (1 cement : 3 coarse sand 6 brick bats, 40 to 50 mm. size) and providing filled in cement concrete 1 : 2 : 4 mix (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm. nominal size) at G.L. and 3 coats of silver paint etc. Complete.	Each	21452-00	25081-00
13	24.40.	24.41 Constg brick masonry road gully chamber 500 mm. x 450 mm. 600 mm. incl. 500 mm. x 450 mm. C.I. horizontal gratings with frame complete.	Each	686-00	738-00
14	24.41	24.41 Constg. brick masonry road gully chamber 450 mm. x 450 mm. x 775 with vertical grating complete	Each	824-00	947-00
15	24.42	24.42 Constg. brick masonry road gully chamber 1100 mm. x 500 mm. x 775 mm. incl. 500 mm. x 450 mm. C. I. horizontal grating with frame and vertical grating complete.	Each	1393-00	5247-00
16	24.44	Constg. brick masonry chamber for underground C.I. inspection chamber and bends with brick having crushing strength not less than 35 Kg./Cm. in C.I. 1 : 5 C.M. cover with frame (light duty) 455 x 610 mm. internal dimensions, total weight of cover with frame to be not less than 38 Kg. (Wt. of cover 23 Kg. and Wt. of frame 15 Kg.) R.C.C. top slab with C.C. 1 : 2 : 4 mix (1 cement : 2 coarse sand : 4 graded aggregate 20 mm. size) foundation concrete 1 : 5 : 10 inside plaster 15 mm. thick with C.M. 1 : 3 finished smooth with a finishing coat of neat cement on walls and bed concrete etc. complete.			
		(I) Inside Dimensions 455mm x 610 mm & 450 mm deep for single pipe line	Each	787-00	1910-00
		(II) Inside Dimensions 500mm x 700 mm & 450 mm deep for single pipe lines with one or two	Each	965-00	2150-00
		(III) Inside Dimensions 500mm x 850 mm & 450 mm deep for single pipe lines with three or more inlets.	Each	1177-00	3288-00
17	24.46	Extra over item 24.44 for every additional depth 0.1 M or part thereof beyond 450 mm. depth for brick masonry chamber.			
		(I) for 455 mm x 610 mm size	Each	73-95	78-00
		(II) For 500 mm x 700 mm size	Each	80-65	85-00
		(III) For 600 mm x 850 mm size	Each	99-25	104-00

18	0.0.	(A) Provdg. Sock pit 2.0 Cu.m volume incl. excavating and filling brick bats with bry masonry work at top for 45 cm height icnl. Providing vatas in C.M.1:3 with finishing curing etc. comp. as directe.	Each	485-00	622-00
		(B) Provdg. Sock pit 5.0 Cu.m volume incl. excavating and filling brick bats with bry masonry work at top for 45 cm height icnl. Covering the top with stone incl. Providing vatas in C.M.1:3 with finishing curing etc. comp. as directe.	Each	1213-00	1555-00

Sr. No.	Description	Unit	Year 2002-2003 2003-2004	Year 2004-2005
CONVEYANCE CHARGES OF DIFFERENT MATERIALS				
Note :	1. Below rates includes cost of carriages, loading, unloading and stacking of materials.			
	2. Rate includes 15 % contractor's profit and over head charges.			
3.2.1.(A)	Lime, Murrum, building rubbish earch manure or sludge and excavated rock and fly ash			
	(1) Lime, Murrum, Building - Rubbish & Fly ash			
	Leads :			
	a.1 upto 0.5 K.M.	Cu.m	32-29	36-51
	a.2 upto 1.0 K.M.	Cu.m	34-82	39-45
	a.3 upto 1.5 K.M.	Cu.m	37-30	42-34
	a.4 upto 2.0 K.M.	Cu.m	39-69	45-13
	a.5 upto 2.5 K.M.	Cu.m	42-10	47-94
	a.6 upto 3.0 K.M.	Cu.m	44-48	50-71
	a.7 upto 3.5 K.M.	Cu.m	46-80	53-43
	a.8 upto 4.0 K.M.	Cu.m	49-09	56-10.
	a.9 upto 4.5 K.M.	Cu.m	51-33	59-72
	a.10 upto 5.0 K.M.	Cu.m	53-53	61-30
	Addi. Leads.			
	b. Above 5 K.M & upto 10 K.M	K.M. / Cu.M.	3-37.	2-98.
	C. Abovr 10 K.M. & upot 15 K.M	K.M. / Cu.M.	3-04.	3-61.
	d. Above 15 k.m. & upto 25 k.m.	K.M. / Cu.M.	2-80.	3-35.
	e. Above 25 k.m. & upto 50 k.m.	K.M. / Cu.M.	2-77.	3-31.
	f. Above 50 k.m. & upto 100 k.m.	K.M. / Cu.M.	2-51.	2-93.
	g. above 100 k.m. & upto 200 k.m.	K.M. / Cu.M.	2-47.	2-93.
	h. Above 200 k.m. & upto 400 k.m.	K.M. / Cu.M.	2-37.	2-82.
	i. Above 400 k.m.	K.M. / Cu.M.	2-17.	2-59.
.3.2.1(A)	Lime, Murrum, building rubbish earch manure or sludge and excavated rock and fly ash			
	(2) EARTH			
	Leads :			
	a.1 upto 0.5 K.M.	Cu.m	40-37	45-64
	a.2 upto 1.0 K.M.	Cu.m	43-53	49-31
	a.3 upto 1.5 K.M.	Cu.m	46-63	52-93
	a.4 upto 2.0 K.M.	Cu.m	49-61	56-41
	a.5 upto 2.5 K.M.	Cu.m	52-63	59-93
	a.6 upto 3.0 K.M.	Cu.m	55-59	59-93
	a.7 upto 3.5 K.M.	Cu.m	58-50	66-78
	a.8 upto 4.0 K.M.	Cu.m	61-36	70-12
	a.9 upto 4.5 K.M.	Cu.m	64-16	73-40
	a.10 upto 5.0 K.M.	Cu.m	66-93	76-62
	Addi. Leads.			
	b. Above 5 K.M & upto 10 K.M	K.M. / Cu.M.	4-21.	4-98.
	C. Abovr 10 K.M. & upot 15 K.M	K.M. / Cu.M.	3-80.	4-51.

	d. Above 15 k.m. & upto 25 k.m.	K.M. / Cu.M.	3-51.	4-19.
	e. Above 25 k.m. & upto 50 k.m.	K.M. / Cu.M.	3-47.	4-14.
	f. Above 50 k.m. & upto 100 k.m.	K.M. / Cu.M.	3-14.	3-67.
	g. above 100 k.m. & upto 200 k.m.	K.M. / Cu.M.	3-09.	3-67.
	h. Above 200 k.m. & upto 400 k.m.	K.M. / Cu.M.	2-97.	3-57.
	i. Above 400 k.m.	K.M. / Cu.M.	2-71.	3-24.
3.2.1.(A)	Lime, Murrum, building rubbish earch manure or sludge and excavated rock and fly ash			
	(3) MANURE OR SLUDGE			
	Leads :			
	a.1 upto 0.5 K.M.	Cu.m	35-10	39-68
	a.2 upto 1.0 K.M.	Cu.m	37-85	42-88
	a.3 upto 1.5 K.M.	Cu.m	40-55	46-03
	a.4 upto 2.0 K.M.	Cu.m	43-14	49-05
	a.5 upto 2.5 K.M.	Cu.m	45-77	52-11
	a.6 upto 3.0 K.M.	Cu.m	48-34	55-12
	a.7 upto 3.5 K.M.	Cu.m	50-87	58-07
	a.8 upto 4.0 K.M.	Cu.m	53-53	60-97
	a.9 upto 4.5 K.M.	Cu.m	55-79	63-82
	a.10 upto 5.0 K.M.	Cu.m	58-19	66-63
	Addi. Leads.			
	b. Above 5 K.M & upto 10 K.M	K.M. / Cu.M.	3-66.	4-33.
	C. Abovr 10 K.M. & upot 15 K.M	K.M. / Cu.M.	3-30.	3-93.
	d. Above 15 k.m. & upto 25 k.m.	K.M. / Cu.M.	3-05.	3-64.
	e. Above 25 k.m. & upto 50 k.m.	K.M. / Cu.M.	3-02.	3-60.
	f. Above 50 k.m. & upto 100 k.m.	K.M. / Cu.M.	2-73.	3-19.
	g. above 100 k.m. & upto 200 k.m.	K.M. / Cu.M.	2-69.	3-19.
	h. Above 200 k.m. & upto 400 k.m.	K.M. / Cu.M.	2-58.	3-07.
	i. Above 400 k.m.	K.M. / Cu.M.	2-36.	2-82.
3.2.1.(a)	Lime, Murrum, building rubbish earch manure or sludge and excavated rock and fly ash			
	(4) EXCAVATED ROCK			
	Leads :			
	a.1 upto 0.5 K.M.	Cu.m	64-59	73-02
	a.2 upto 1.0 K.M.	Cu.m	69-64	78-90
	a.3 upto 1.5 K.M.	Cu.m	74-61	84-69
	a.4 upto 2.0 K.M.	Cu.m	79-38	90-25
	a.5 upto 2.5 K.M.	Cu.m	84-21	95-89
	a.6 upto 3.0 K.M.	Cu.m	88-95	101-42
	a.7 upto 3.5 K.M.	Cu.m	93-60	106-85
	a.8 upto 4.0 K.M.	Cu.m	98-17	112-19
	a.9 upto 4.5 K.M.	Cu.m	102-66	117-44
	a.10 upto 5.0 K.M.	Cu.m	107-07	122-60
	Addi. Leads.			
	b. Above 5 K.M & upto 10 K.M	K.M. / Cu.M.	6-74.	7-97.
	C. Abovr 10 K.M. & upot 15 K.M	K.M. / Cu.M.	6-08.	7-22.
	d. Above 15 k.m. & upto 25 k.m.	K.M. / Cu.M.	5-61.	6-70.
	e. Above 25 k.m. & upto 50 k.m.	K.M. / Cu.M.	5-55.	6-63.
	f. Above 50 k.m. & upto 100 k.m.	K.M. / Cu.M.	5-02.	5-87.

	g. above 100 k.m. & upto 200 k.m.	K.M. / Cu.M.	4-94.	5-86.
	h. Above 200 k.m. & upto 400 k.m.	K.M. / Cu.M.	4-75.	5-64.
	i. Above 400 k.m.	K.M. / Cu.M.	4-34.	5-19.
3.2.1 (B)	Sand, Stone, Aggregate and spoling stone brick and Cinder aggregate.			
	(1) SAND, STONE, AGGREGATE BELOW 40 MM NOMINAL SIZE BRICK / CINDER AGGREGATE			
	<u>Leads :</u>			
	a.1 upto 0.5 K.M.	Cu.m	23-29	36-51
	a.2 upto 1.0 K.M.	Cu.m	34-82	39-45
	a.3 upto 1.5 K.M.	Cu.m	37-30	42-34
	a.4 upto 2.0 K.M.	Cu.m	39-69	45-13
	a.5 upto 2.5 K.M.	Cu.m	42-10	47-94
	a.6 upto 3.0 K.M.	Cu.m	44-48	50-71
	a.7 upto 3.5 K.M.	Cu.m	46-80	53-43
	a.8 upto 4.0 K.M.	Cu.m	49-09	56-10
	a.9 upto 4.5 K.M.	Cu.m	51-33	58-72
	a.10 upto 5.0 K.M.	Cu.m	53-53	61-30
	<u>Addi. Leads.</u>			
	b. Above 5 K.M & upto 10 K.M	K.M. / Cu.M.	3-37.	3-98.
	C. Above 10 K.M. & upto 15 K.M	K.M. / Cu.M.	3-04.	3-61.
	d. Above 15 k.m. & upto 25 k.m.	K.M. / Cu.M.	2-80.	3-35.
	e. Above 25 k.m. & upto 50 k.m.	K.M. / Cu.M.	2-77.	3-31.
	f. Above 50 k.m. & upto 100 k.m.	K.M. / Cu.M.	2-51.	2-93.
	g. above 100 k.m. & upto 200 k.m.	K.M. / Cu.M.	2-47.	2-93.
	h. Above 200 k.m. & upto 400 k.m.	K.M. / Cu.M.	2-37.	2-82.
	i. Above 400 k.m.	K.M. / Cu.M.	2-17.	2-59.
3.2.1 (B)	Sand, Stone, Aggregate and spoling stone brick and Cinder aggregate.			
	(2) STONE, AGGREGATE 40 MM NOMINAL SIZE			
	<u>Leads :</u>			
	a.1 upto 0.5 K.M.	Cu.m	34-99	39-56
	a.2 upto 1.0 K.M.	Cu.m	37-73	42-75
	a.3 upto 1.5 K.M.	Cu.m	40-42	45-88
	a.4 upto 2.0 K.M.	Cu.m	43-01	48-90
	a.5 upto 2.5 K.M.	Cu.m	45-62	51-95
	a.6 upto 3.0 K.M.	Cu.m	48-19	54-95
	a.7 upto 3.5 K.M.	Cu.m	46-80	57-89
	a.8 upto 4.0 K.M.	Cu.m	49-09	60-78
	a.9 upto 4.5 K.M.	Cu.m	51-33	63-63
	a.10 upto 5.0 K.M.	Cu.m	53-53	66-42
	<u>Addi. Leads.</u>			
	b. Above 5 K.M & upto 10 K.M	K.M. / Cu.M.	3-37.	4-31.
	C. Above 10 K.M. & upto 15 K.M	K.M. / Cu.M.	3-04.	3-91.
	d. Above 15 k.m. & upto 25 k.m.	K.M. / Cu.M.	2-80.	3-63.
	e. Above 25 k.m. & upto 50 k.m.	K.M. / Cu.M.	2-77.	3-59.
	f. Above 50 k.m. & upto 100 k.m.	K.M. / Cu.M.	2-51.	3-18.

	g. above 100 k.m. & upto 200 k.m.	K.M. / Cu.M.	2-47.	3-18.
	h. Above 200 k.m. & upto 400 k.m.	K.M. / Cu.M.	2-37.	3-06.
	i. Above 400 k.m.	K.M. / Cu.M.	2-17.	2-81.
3.2.1. (B)	Sand, Stone, Aggregate and spoling stone brick and Cinder aggregate.			
	(3) SOLING STONE			
	<u>Leads :</u>			
	a.1 upto 0.5 K.M.	Cu.m	45-67	51-63
	a.2 upto 1.0 K.M.	Cu.m	49-24	55-79
	a.3 upto 1.5 K.M.	Cu.m	52-75	59-88
	a.4 upto 2.0 K.M.	Cu.m	56-12	63-82
	a.5 upto 2.5 K.M.	Cu.m	59-54	67-80
	a.6 upto 3.0 K.M.	Cu.m	62-89	71-71
	a.7 upto 3.5 K.M.	Cu.m	66-18	75-55
	a.8 upto 4.0 K.M.	Cu.m	69-41	79-33
	a.9 upto 4.5 K.M.	Cu.m	72-59	83-04
	a.10 upto 5.0 K.M.	Cu.m	75-71	86-68
	<u>Addi. Leads.</u>			
	b. Above 5 K.M & upto 10 K.M	K.M. / Cu.M.	4-76.	5-63.
	C. Above 10 K.M. & upto 15 K.M	K.M. / Cu.M.	4-30.	5-11.
	d. Above 15 k.m. & upto 25 k.m.	K.M. / Cu.M.	3-97.	4-70.
	e. Above 25 k.m. & upto 50 k.m.	K.M. / Cu.M.	3-92.	4-69.
	f. Above 50 k.m. & upto 100 k.m.	K.M. / Cu.M.	3-55.	4-15.
	g. above 100 k.m. & upto 200 k.m.	K.M. / Cu.M.	3-50.	4-15.
	h. Above 200 k.m. & upto 400 k.m.	K.M. / Cu.M.	3-36.	3-99.
	i. Above 400 k.m.	K.M. / Cu.M.	3-07.	3-67.
3.2.1. (B)	Sand, Stone, Aggregate and spoling stone brick and Cinder aggregate.			
	(4) CONCRETE BLOCK(FOAM)			
	<u>Leads :</u>			
	a.1 upto 0.5 K.M.	Cu.m	32-29	36-51
	a.2 upto 1.0 K.M.	Cu.m	34-82	39-45
	a.3 upto 1.5 K.M.	Cu.m	37-30	42-34
	a.4 upto 2.0 K.M.	Cu.m	39-69	45-13
	a.5 upto 2.5 K.M.	Cu.m	42-10	47-94
	a.6 upto 3.0 K.M.	Cu.m	44-48	50-71
	a.7 upto 3.5 K.M.	Cu.m	46-80	53-43
	a.8 upto 4.0 K.M.	Cu.m	49-09	56-10
	a.9 upto 4.5 K.M.	Cu.m	51-33	58-72
	a.10 upto 5.0 K.M.	Cu.m	53-53	61-30
	<u>Addi. Leads.</u>			
	b. Above 5 K.M & upto 10 K.M	K.M. / Cu.M.	3-37.	3-98.
	C. Above 10 K.M. & upto 15 K.M	K.M. / Cu.M.	3-04.	3-61.
	d. Above 15 k.m. & upto 25 k.m.	K.M. / Cu.M.	2-80.	3-35.
	e. Above 25 k.m. & upto 50 k.m.	K.M. / Cu.M.	2-77.	3-31.
	f. Above 50 k.m. & upto 100 k.m.	K.M. / Cu.M.	2-51.	2-93.
	g. above 100 k.m. & upto 200 k.m.	K.M. / Cu.M.	2-47.	2-93.
	h. Above 200 k.m. & upto 400 k.m.	K.M. / Cu.M.	2-37.	2-82.

	i. Above 400 k.m.	K.M. / Cu.M.	2-17.	2-59.
3.2.2	BRICK			
	(1) Modular Bricks			
	(2) Traditional Bricks			
	a.1 upto 0.5 K.M.	1000 Nos.	64-59	73-02
	a.2 upto 1.0 K.M.	1000 Nos.	69-64	78-90
	a.3 upto 1.5 K.M.	1000 Nos.	74-61	84-69
	a.4 upto 2.0 K.M.	1000 Nos.	49-38	90-25
	a.5 upto 2.5 K.M.	1000 Nos.	84-21	95-89
	a.6 upto 3.0 K.M.	1000 Nos.	88-95	101-42
	a.7 upto 3.5 K.M.	1000 Nos.	93-60	106-85
	a.8 upto 4.0 K.M.	1000 Nos.	98-17	112-19
	a.9 upto 4.5 K.M.	1000 Nos.	102-66	117-44
	a.10 upto 5.0 K.M.	1000 Nos.	107-07	122-60
	<u>Addi. Leads.</u>			
	b. Above 5 K.M & upto 10 K.M	K.M./1000 Nos.	6-74.	7-97.
	C. Above 10 K.M. & upto 15 K.M	K.M./1000 Nos.	6-08.	7-22.
	d. Above 15 k.m. & upto 25 k.m.	K.M./1000 Nos.	5-61.	6-70.
	e. Above 25 k.m. & upto 50 k.m.	K.M./1000 Nos.	5-55.	6-63.
	f. Above 50 k.m. & upto 100 k.m.	K.M./1000 Nos.	6-02.	5-87.
	g. above 100 k.m. & upto 200 k.m.	K.M./1000 Nos.	4-95.	5-86.
	h. Above 200 k.m. & upto 400 k.m.	K.M./1000 Nos.	4-75.	5-64.
	i. Above 400 k.m.	K.M./1000 Nos.	4-34.	5-19.
3.23	TILES :			
	(1) Bricks tiles			
	(2) Roofing tiles(flat)			
	a.1 upto 0.5 K.M.	1000 Nos.	56-51	63-89
	a.2 upto 1.0 K.M.	1000 Nos.	60-94	69-04
	a.3 upto 1.5 K.M.	1000 Nos.	65-28	74-10
	a.4 upto 2.0 K.M.	1000 Nos.	69-45	78-97
	a.5 upto 2.5 K.M.	1000 Nos.	73-68	83-90
	a.6 upto 3.0 K.M.	1000 Nos.	77-83	88-74
	a.7 upto 3.5 K.M.	1000 Nos.	81-90	93-50
	a.8 upto 4.0 K.M.	1000 Nos.	85-90	98-16
	a.9 upto 4.5 K.M.	1000 Nos.	89-83	102-76
	a.10 upto 5.0 K.M.	1000 Nos.	93-69	102-27
	<u>Addi. Leads.</u>			
	b. Above 5 K.M & upto 10 K.M	K.M./1000 Nos.	5-89.	6-97.
	C. Above 10 K.M. & upto 15 K.M	K.M./1000 Nos.	5-32.	6-32.
	d. Above 15 k.m. & upto 25 k.m.	K.M./1000 Nos.	4-91.	5-86.
	e. Above 25 k.m. & upto 50 k.m.	K.M./1000 Nos.	4-86.	5-80.
	f. Above 50 k.m. & upto 100 k.m.	K.M./1000 Nos.	4-39.	5-13.
	g. above 100 k.m. & upto 200 k.m.	K.M./1000 Nos.	4-33.	5-13.
	h. Above 200 k.m. & upto 400 k.m.	K.M./1000 Nos.	4-51.	4-94.
	i. Above 400 k.m.	K.M./1000 Nos.	3-80.	4-54.
3.2.6.(B)	CEMENT			

	Leads :			
	a.1 upto 0.5 K.M.	M.T.	63-93	72-16
	a.2 upto 1.0 K.M.	M.T.	65-70	74-22
	a.3 upto 1.5 K.M.	M.T.	67-41	76-24
	a.4 upto 2.0 K.M.	M.T.	69-11	78-19
	a.5 upto 2.5 K.M.	M.T.	70-80	80-16
	a.6 upto 3.0 K.M.	M.T.	72-46	81-10
	a.7 upto 3.5 K.M.	M.T.	74-09	84-00
	a.8 upto 4.0 K.M.	M.T.	75-69	85-87
	a.9 upto 4.5 K.M.	M.T.	77-26	87-71
	a.10 upto 5.0 K.M.	M.T.	78-80	89-51
	Addi. Leads.			
	b. Above 5 K.M & upto 10 K.M	K.M./M.T.	2-36.	2-79.
	C. Above 10 K.M. & upto 15 K.M	K.M./M.T.	2-13.	2-53.
	d. Above 15 k.m. & upto 25 k.m.	K.M./M.T.	1-96.	2-34.
	e. Above 25 k.m. & upto 50 k.m.	K.M./M.T.	1-94.	2-32.
	f. Above 50 k.m. & upto 100 k.m.	K.M./M.T.	1-76.	2-05.
	g. above 100 k.m. & upto 200 k.m.	K.M./M.T.	1-73.	2-05.
	h. Above 200 k.m. & upto 400 k.m.	K.M./M.T.	1-66.	1-98.
	i. Above 400 k.m.	K.M./M.T.	1-52.	1-82.
3.2.7	STEEL			
	Nole :- below rate of item No. 3.2.7 (i.e. steel) are incl. Rs. 10/- M.T. for handling charges From the lead from 0.5 K.M. to 5 k.m. only			
	a.1 upto 0.5 K.M.	M.T.	73-93	72-16
	a.2 upto 1.0 K.M.	M.T.	75-70	74-22
	a.3 upto 1.5 K.M.	M.T.	77-41	76-24
	a.4 upto 2.0 K.M.	M.T.	79-11	78-19
	a.5 upto 2.5 K.M.	M.T.	80-80	80-16
	a.6 upto 3.0 K.M.	M.T.	82-46	81-10
	a.7 upto 3.5 K.M.	M.T.	84-09	84-00
	a.8 upto 4.0 K.M.	M.T.	85-69	85-87
	a.9 upto 4.5 K.M.	M.T.	87-26	87-71
	a.10 upto 5.0 K.M.	M.T.	88-80	89-51
	Addi. Leads.			
	b. Above 5 K.M & upto 10 K.M	K.M./M.T.	2-36.	2-79.
	C. Above 10 K.M. & upto 15 K.M	K.M./M.T.	2-13.	2-53.
	d. Above 15 k.m. & upto 25 k.m.	K.M./M.T.	1-96.	2-34.
	e. Above 25 k.m. & upto 50 k.m.	K.M./M.T.	1-94.	2-32.
	f. Above 50 k.m. & upto 100 k.m.	K.M./M.T.	1-76.	2-05.
	g. above 100 k.m. & upto 200 k.m.	K.M./M.T.	1-73.	2-05.
	h. Above 200 k.m. & upto 400 k.m.	K.M./M.T.	1-66.	1-98.
	i. Above 400 k.m.	K.M./M.T.	1-52.	1-82.
3.2.8	TIMBER			
	Lead :			

	a.1 upto 0.5 K.M.	Cu.m	32-29	51-63
	a.2 upto 1.0 K.M.	Cu.m	34-82	55-79
	a.3 upto 1.5 K.M.	Cu.m	37-30	59-88
	a.4 upto 2.0 K.M.	Cu.m	39-69	63-82
	a.5 upto 2.5 K.M.	Cu.m	42-10	67-82
	a.6 upto 3.0 K.M.	Cu.m	44-48	71-71
	a.7 upto 3.5 K.M.	Cu.m	46-80	53-43
	a.8 upto 4.0 K.M.	Cu.m	49-09	56-10
	a.9 upto 4.5 K.M.	Cu.m	51-33	58-72
	a.10 upto 5.0 K.M.	Cu.m	53-53	61-30
	Addi. Leads.			
	b. Above 5 K.M & upto 10 K.M	K.M. / Cu.M.	3-37.	3-98.
	C. Above 10 K.M. & upto 15 K.M	K.M. / Cu.M.	3-04.	3-61.
	d. Above 15 k.m. & upto 25 k.m.	K.M. / Cu.M.	2-80.	3-35.
	e. Above 25 k.m. & upto 50 k.m.	K.M. / Cu.M.	2-77.	3-31.
	f. Above 50 k.m. & upto 100 k.m.	K.M. / Cu.M.	2-51.	2-93.
	g. above 100 k.m. & upto 200 k.m.	K.M. / Cu.M.	2-47.	3-93.
	h. Above 200 k.m. & upto 400 k.m.	K.M. / Cu.M.	2-37.	2-82.
	i. Above 400 k.m.	K.M. / Cu.M.	2-14.	2-59.
3.2.9	TAR, BITUMEN, ROOFING FELT AND FLOORING ASPHALT ETC.			
	Leads :			
	a.1 upto 0.5 K.M.	M.T.	79-91	90-19
	a.2 upto 1.0 K.M.	M.T.	82-13	92-77
	a.3 upto 1.5 K.M.	M.T.	84-30	95-30
	a.4 upto 2.0 K.M.	M.T.	86-39	97-74
	a.5 upto 2.5 K.M.	M.T.	88-50	100-20
	a.6 upto 3.0 K.M.	M.T.	90-57	102-62
	a.7 upto 3.5 K.M.	M.T.	92-61	105-00
	a.8 upto 4.0 K.M.	M.T.	92-61	107-34
	a.9 upto 4.5 K.M.	M.T.	96-57	109-63
	a.10 upto 5.0 K.M.	M.T.	98-50	111-89
	Addi. Leads.			
	b. Above 5 K.M & upto 10 K.M	K.M./M.T.	2-95.	3-49.
	C. Above 10 K.M. & upto 15 K.M	K.M./M.T.	2-66.	3-16.
	d. Above 15 k.m. & upto 25 k.m.	K.M./M.T.	2-45.	2-93.
	e. Above 25 k.m. & upto 50 k.m.	K.M./M.T.	2-43.	2-90.
	f. Above 50 k.m. & upto 100 k.m.	K.M./M.T.	2-20.	2-57.
	g. above 100 k.m. & upto 200 k.m.	K.M./M.T.	2-16.	2-57.
	h. Above 200 k.m. & upto 400 k.m.	K.M./M.T.	2-08.	2-47.
	i. Above 400 k.m.	K.M./M.T.	1-90.	2-27.
3.2.10	STEEL COAL :-			
	Leads :			
	a.1 upto 0.5 K.M.	M.T.	20-60	25-46
	a.2 upto 1.0 K.M.	M.T.	24-37	27-62
	a.3 upto 1.5 K.M.	M.T.	26-11.	39-34
	a.4 upto 2.0 K.M.	M.T.	24-78	31-59
	a.5 upto 2.5 K.M.	M.T.	29-47	33-56
	a.6 upto 3.0 K.M.	M.T.	31-73	35-50
	a.7 upto 3.5 K.M.	M.T.	32-76	37-40

	a.8 upto 4.0 K.M.	M.T.	34-36	39-27
	a.9 upto 4.5 K.M.	M.T.	35-93	41-10
	a.10 upto 5.0 K.M.	M.T.	37-47	42-91
	Addi. Leads.			
	b. Above 5 K.M & upto 10 K.M	K.M./M.T.	2-36.	2-79.
	C. Above 10 K.M. & upto 15 K.M	K.M./M.T.	2-13.	2-53.
	d. Above 15 k.m. & upto 25 k.m.	K.M./M.T.	1-96.	2-34.
	e. Above 25 k.m. & upto 50 k.m.	K.M./M.T.	1-94.	2-32.
	f. Above 50 k.m. & upto 100 k.m.	K.M./M.T.	1-76.	2-05.
	g. above 100 k.m. & upto 200 k.m.	K.M./M.T.	1-73.	2-05.
	h. Above 200 k.m. & upto 400 k.m.	K.M./M.T.	1-66.	1-98.
	i. Above 400 k.m.	K.M./M.T.	1-52.	1-82.
3.2.10	S.W.PIPES :-			
	(A) 100 mm dia			
	Leads :			
	a.1 upto 0.5 K.M.	100 M.	37-67	42-59
	a.2 upto 1.0 K.M.	100 M.	40-62	46-30
	a.3 upto 1.5 K.M.	100 M.	43-52	49-40
	a.4 upto 2.0 K.M.	100 M.	46-30	52-65
	a.5 upto 2.5 K.M.	100 M.	49-12	55-94
	a.6 upto 3.0 K.M.	100 M.	51-89	59-16
	a.7 upto 3.5 K.M.	100 M.	54-60	62-33
	a.8 upto 4.0 K.M.	100 M.	57-27	65-45
	a.9 upto 4.5 K.M.	100 M.	59-88	68-91
	a.10 upto 5.0 K.M.	100 M.	62-46	71-52
	Addi. Leads.			
	b. Above 5 K.M & upto 10 K.M	K.M./ 100 M.	3-93.	4-65.
	C. Above 10 K.M. & upto 15 K.M	K.M./ 100 M.	3-54.	4-21.
	d. Above 15 k.m. & upto 25 k.m.	K.M./ 100 M.	3-27.	3-91.
	e. Above 25 k.m. & upto 50 k.m.	K.M./ 100 M.	3-24.	3-87.
	f. Above 50 k.m. & upto 100 k.m.	K.M./ 100 M.	2-93.	3-42.
	g. above 100 k.m. & upto 200 k.m.	K.M./ 100 M.	2-88.	3-42.
	h. Above 200 k.m. & upto 400 k.m.	K.M./ 100 M.	2-77.	3-29.
	i. Above 400 k.m.	K.M./ 100 M.	2-53.	3-03.
3.2.12	S.W.PIPES :-			
	(A) 150 mm dia			
	Leads :			
	a.1 upto 0.5 K.M.	100 M.	75-35	85-19
	a.2 upto 1.0 K.M.	100 M.	81-25	92-05
	a.3 upto 1.5 K.M.	100 M.	87-04	98-80
	a.4 upto 2.0 K.M.	100 M.	92-61	105-30
	a.5 upto 2.5 K.M.	100 M.	98-24	111-87
	a.6 upto 3.0 K.M.	100 M.	103-78	118-32
	a.7 upto 3.5 K.M.	100 M.	109-20	124-66
	a.8 upto 4.0 K.M.	100 M.	114-52	130-89
	a.9 upto 4.5 K.M.	100 M.	113-77	137-01
	a.10 upto 5.0 K.M.	100 M.	124-91	143-03
	Addi. Leads.			
	b. Above 5 K.M & upto 10 K.M	K.M./ 100 M.	7-86.	9-30.

	C. Above 10 K.M. & upto 15 K.M	K.M./ 100 M.	7-06.	8-63.
	d. Above 15 k.m. & upto 25 k.m.	K.M./ 100 M.	6-54.	7-81.
	e. Above 25 k.m. & upto 50 k.m.	K.M./ 100 M.	6-47.	7-73.
	f. Above 50 k.m. & upto 100 k.m.	K.M./ 100 M.	5-86.	6-84.
	g. above 100 k.m. & upto 200 k.m.	K.M./ 100 M.	5-77.	6-84.
	h. Above 200 k.m. & upto 400 k.m.	K.M./ 100 M.	5-54.	6-58.
	i. Above 400 k.m.	K.M./ 100 M.	5-04.	6-05.
3.2.13	R.C.C. & C.I. PIPES :-			
	(A) 100 mm dia :-			
	Leads :			
	a.1 upto 0.5 K.M.	100 M.	77-20	87-28
	a.2 upto 1.0 K.M.	100 M.	83-25	94-32
	a.3 upto 1.5 K.M.	100 M.	98-18	101-23
	a.4 upto 2.0 K.M.	100 M.	94-88	107-89
	a.5 upto 2.5 K.M.	100 M.	100-66	114-62
	a.6 upto 3.0 K.M.	100 M.	106-66	121-23
	a.7 upto 3.5 K.M.	100 M.	111-89	127-73
	a.8 upto 4.0 K.M.	100 M.	117-35	134-11
	a.9 upto 4.5 K.M.	100 M.	122-71.	140-38
	a.10 upto 5.0 K.M.	100 M.	127-99	146-55
	Addi. Leads.			
	b. Above 5 K.M & upto 10 K.M	K.M./ 100 M.	8-05.	9-53.
	C. Above 10 K.M. & upto 15 K.M	K.M./ 100 M.	7-26.	8-63.
	d. Above 15 k.m. & upto 25 k.m.	K.M./ 100 M.	6-71.	8-01.
	e. Above 25 k.m. & upto 50 k.m.	K.M./ 100 M.	6-63.	7-92.
	f. Above 50 k.m. & upto 100 k.m.	K.M./ 100 M.	6-00.	7-01.
	g. above 100 k.m. & upto 200 k.m.	K.M./ 100 M.	5-91.	7-01.
	h. Above 200 k.m. & upto 400 k.m.	K.M./ 100 M.	5-68.	6-75.
	i. Above 400 k.m.	K.M./ 100 M.	5-15.	6-20.
	(B) 125 mm dia :-			
	Leads :			
	a.1 upto 0.5 K.M.	100 M.	102-94	116-38
	a.2 upto 1.0 K.M.	100 M.	110-89	125-76
	a.3 upto 1.5 K.M.	100 M.	118-91	134-98
	a.4 upto 2.0 K.M.	100 M.	126-51	143-85
	a.5 upto 2.5 K.M.	100 M.	134-21	152-83
	a.6 upto 3.0 K.M.	100 M.	141-77	161-64
	a.7 upto 3.5 K.M.	100 M.	149-19	170-31
	a.8 upto 4.0 K.M.	100 M.	156-47	178-81
	a.9 upto 4.5 K.M.	100 M.	163-62	187-17
	a.10 upto 5.0 K.M.	100 M.	170-65	195-40
	Addi. Leads.			
	b. Above 5 K.M & upto 10 K.M	K.M./ 100 M.	10-74.	12-70.
	C. Above 10 K.M. & upto 15 K.M	K.M./ 100 M.	9-68.	11-51.
	d. Above 15 k.m. & upto 25 k.m.	K.M./ 100 M.	8-94.	10-67.
	e. Above 25 k.m. & upto 50 k.m.	K.M./ 100 M.	8-85.	10-57.
	f. Above 50 k.m. & upto 100 k.m.	K.M./ 100 M.	8-00.	9-35.
	g. above 100 k.m. & upto 200 k.m.	K.M./ 100 M.	7-88.	9-35.
	h. Above 200 k.m. & upto 400 k.m.	K.M./ 100 M.	7-57.	8-99.
	i. Above 400 k.m.	K.M./ 100 M.	6-92.	8-27.

3.2.13	R.C.C. & C.I. PIPES			
	(C) 150 mm dia :-			
	Leads :			
	a.1 upto 0.5 K.M.	100 M.	124-54	140-80
	a.2 upto 1.0 K.M.	100 M.	134-29	152-15
	a.3 upto 1.5 K.M.	100 M.	143-87	163-31
	a.4 upto 2.0 K.M.	100 M.	153-07	174-04
	a.5 upto 2.5 K.M.	100 M.	162-39	184-91
	a.6 upto 3.0 K.M.	100 M.	171-53	195-58
	a.7 upto 3.5 K.M.	100 M.	180-50	206-06
	a.8 upto 4.0 K.M.	100 M.	189-31	216-35
	a.9 upto 4.5 K.M.	100 M.	197-97	226-46
	a.10 upto 5.0 K.M.	100 M.	206-47	236-41
	Addi. Leads.			
	b. Above 5 K.M & upto 10 K.M	K.M./ 100 M.	12-99.	15-37.
	C. Above 10 K.M. & upto 15 K.M	K.M./ 100 M.	11-72.	13-93
	d. Above 15 k.m. & upto 25 k.m.	K.M./ 100 M.	10-82.	12-91.
	e. Above 25 k.m. & upto 50 k.m.	K.M./ 100 M.	10-70.	12-78.
	f. Above 50 k.m. & upto 100 k.m.	K.M./ 100 M.	9-68.	11-31.
	g. above 100 k.m. & upto 200 k.m.	K.M./ 100 M.	9-53.	11-31.
	h. Above 200 k.m. & upto 400 k.m.	K.M./ 100 M.	9-16.	10-86.
	i. Above 400 k.m.	K.M./ 100 M.	8-38.	10-00.
3.2.13	R.C.C. & C.I. PIPES			
	(D) 200 mm dia			
	Leads :			
	a.1 upto 0.5 K.M.	100 M.	205-50	232-33
	a.2 upto 1.0 K.M.	100 M.	221-59	251-05
	a.3 upto 1.5 K.M.	100 M.	237-39	269-46
	a.4 upto 2.0 K.M.	100 M.	252-56	287-17
	a.5 upto 2.5 K.M.	100 M.	267-94	305-10
	a.6 upto 3.0 K.M.	100 M.	283-03	322-70
	a.7 upto 3.5 K.M.	100 M.	297-83	379-99
	a.8 upto 4.0 K.M.	100 M.	312-37	356-97
	a.9 upto 4.5 K.M.	100 M.	326-64	373-66
	a.10 upto 5.0 K.M.	100 M.	340-68	393-08
	Addi. Leads.			
	b. Above 5 K.M & upto 10 K.M	K.M./ 100 M.	21-43	25-35
	C. Above 10 K.M. & upto 15 K.M	K.M./ 100 M.	19-33	22-98
	d. Above 15 k.m. & upto 25 k.m.	K.M./ 100 M.	17-85	22-31
	e. Above 25 k.m. & upto 50 k.m.	K.M./ 100 M.	17-86	21-09.
	f. Above 50 k.m. & upto 100 k.m.	K.M./ 100 M.	17-66	18-66
	g. above 100 k.m. & upto 200 k.m.	K.M./ 100 M.	15-97	18-66
	h. Above 200 k.m. & upto 400 k.m.	K.M./ 100 M.	15-73	17-96
	i. Above 400 k.m.	K.M./ 100 M.	13-82	16-50
3.2.13	R.C.C. & C.I. PIPES			
	(E) 250 mm dia			
	Leads :			
	a.1 upto 0.5 K.M.	100 M.	274-00	309-77
	a.2 upto 1.0 K.M.	100 M.	295-45	334-74
	a.3 upto 1.5 K.M.	100 M.	316-52	339-28
	a.4 upto 2.0 K.M.	100 M.	336-75	382-90

	a.5 upto 2.5 K.M.	100 M.	357-25	406-30
	a.6 upto 3.0 K.M.	100 M.	377-37	430-27
	a.7 upto 3.5 K.M.	100 M.	394-11	453-32
	a.8 upto 4.0 K.M.	100 M.	416-49	475-96
	a.9 upto 4.5 K.M.	100 M.	435-53	498-22
	a.10 upto 5.0 K.M.	100 M.	454-23	520-11
	<u>Addi. Leads.</u>			
	b. Above 5 K.M & upto 10 K.M	K.M./ 100 M.	28-58	33-81
	C. Above 10 K.M. & upto 15 K.M	K.M./ 100 M.	25-78	30-64
	d. Above 15 k.m. & upto 25 k.m.	K.M./ 100 M.	23-80	28-41
	e. Above 25 k.m. & upto 50 k.m.	K.M./ 100 M.	23-54	28-13
	f. Above 50 k.m. & upto 100 k.m.	K.M./ 100 M.	21-30	24-89
	g. above 100 k.m. & upto 200 k.m.	K.M./ 100 M.	20-98	24-88
	h. Above 200 k.m. & upto 400 k.m.	K.M./ 100 M.	20-14	23-94
	i. Above 400 k.m.	K.M./ 100 M.	18-23	22-01.
3.2.13	R.C.C. & C.I. PIPES			
	(F) 300 mm dia			
	Leads :			
	a.1 upto 0.5 K.M.	100 M.	373-63	422-41
	a.2 upto 1.0 K.M.	100 M.	402-88	456-46
	a.3 upto 1.5 K.M.	100 M.	431-61	489-93
	a.4 upto 2.0 K.M.	100 M.	459-20	522-12
	a.5 upto 2.5 K.M.	100 M.	487-16	554-73
	a.6 upto 3.0 K.M.	100 M.	514-59	586-73
	a.7 upto 3.5 K.M.	100 M.	541-51	618-17
	a.8 upto 4.0 K.M.	100 M.	567-94	649-04
	a.9 upto 4.5 K.M.	100 M.	593-90	679-39
	a.10 upto 5.0 K.M.	100 M.	619-41	709-24
	<u>Addi. Leads.</u>			
	b. Above 5 K.M & upto 10 K.M	K.M./ 100 M.	38-97	46-10
	C. Above 10 K.M. & upto 15 K.M	K.M./ 100 M.	35-15	41-76
	d. Above 15 k.m. & upto 25 k.m.	K.M./ 100 M.	32-45	37-74
	e. Above 25 k.m. & upto 50 k.m.	K.M./ 100 M.	31-11	37-35
	f. Above 50 k.m. & upto 100 k.m.	K.M./ 100 M.	29-04.	33-94
	g. above 100 k.m. & upto 200 k.m.	K.M./ 100 M.	28-60	33-93
	h. Above 200 k.m. & upto 400 k.m.	K.M./ 100 M.	27-47	32-65
	i. Above 400 k.m.	K.M./ 100 M.	24-13	30-01.
3.2.13	R.C.C. & C.I. PIPES			
	(G) 350 & 400 mm dia			
	Leads :			
	a.1 upto 0.5 K.M.	100 M.	411-00	464-65
	a.2 upto 1.0 K.M.	100 M.	443-17	502-11
	a.3 upto 1.5 K.M.	100 M.	474-78	538-93
	a.4 upto 2.0 K.M.	100 M.	505-12	574-35
	a.5 upto 2.5 K.M.	100 M.	535-88	610-20
	a.6 upto 3.0 K.M.	100 M.	566-05	645-40
	a.7 upto 3.5 K.M.	100 M.	565-66	679-98
	a.8 upto 4.0 K.M.	100 M.	624-73	713-95
	a.9 upto 4.5 K.M.	100 M.	653-29	747-33
	a.10 upto 5.0 K.M.	100 M.	681-35	780-16

	Addi. Leads.			
	b. Above 5 K.M & upto 10 K.M	K.M./ 100 M.	42-84	50-71
	C. Above 10 K.M. & upto 15 K.M	K.M./ 100 M.	34-67	45-97
	d. Above 15 k.m. & upto 25 k.m.	K.M./ 100 M.	35-70	42-62
	e. Above 25 k.m. & upto 50 k.m.	K.M./ 100 M.	35-32	42-19
	f. Above 50 k.m. & upto 100 k.m.	K.M./ 100 M.	31-94	37-33
	g. above 100 k.m. & upto 200 k.m.	K.M./ 100 M.	31-46	37-32
	h. Above 200 k.m. & upto 400 k.m.	K.M./ 100 M.	30-21	35-91
	i. Above 400 k.m.	K.M./ 100 M.	27-64	33-01
3.2.13	R.C.C. & C.I. PIPES			
	(H) 450 & 500 mm dia			
	Leads :			
	a.1 upto 0.5 K.M.	100 M.	822-00	929-31
	a.2 upto 1.0 K.M.	100 M.	886-34	1004-22
	a.3 upto 1.5 K.M.	100 M.	949-55	1077-85
	a.4 upto 2.0 K.M.	100 M.	1010-25	1148-69
	a.5 upto 2.5 K.M.	100 M.	1071-75	1220-40
	a.6 upto 3.0 K.M.	100 M.	1132-10	1290-80
	a.7 upto 3.5 K.M.	100 M.	1191-32	1359-96
	a.8 upto 4.0 K.M.	100 M.	1249-46	1427-89
	a.9 upto 4.5 K.M.	100 M.	1306-58	1494-65
	a.10 upto 5.0 K.M.	100 M.	1362-70	1560-33
	Addi. Leads.			
	b. Above 5 K.M & upto 10 K.M	K.M./ 100 M.	85-74	101-42
	C. Above 10 K.M. & upto 15 K.M	K.M./ 100 M.	77-33	91-93
	d. Above 15 k.m. & upto 25 k.m.	K.M./ 100 M.	71-39	85-23
	e. Above 25 k.m. & upto 50 k.m.	K.M./ 100 M.	70-63	84-38
	f. Above 50 k.m. & upto 100 k.m.	K.M./ 100 M.	63-89	74-66
	g. above 100 k.m. & upto 200 k.m.	K.M./ 100 M.	63-93	74-64
	h. Above 200 k.m. & upto 400 k.m.	K.M./ 100 M.	60-43	71-82
	i. Above 400 k.m.	K.M./ 100 M.	55-28	66-02
3.2.13	R.C.C. & C.I. PIPES			
	(I) 600.700 & 750 mm dia			
	Leads :			
	a.1 upto 0.5 K.M.	100 M.	1369-99	1548-85
	a.2 upto 1.0 K.M.	100 M.	1477-24	1673-70
	a.3 upto 1.5 K.M.	100 M.	1582-58	1796-42
	a.4 upto 2.0 K.M.	100 M.	1683-75	1914-48
	a.5 upto 2.5 K.M.	100 M.	1786-27	2034-00
	a.6 upto 3.0 K.M.	100 M.	1886-83	2151-33
	a.7 upto 3.5 K.M.	100 M.	1985-53	2266-61
	a.8 upto 4.0 K.M.	100 M.	2082-44	2379-82
	a.9 upto 4.5 K.M.	100 M.	2177-63	2491-09
	a.10 upto 5.0 K.M.	100 M.	2271-17	2600-55
	Addi. Leads.			
	b. Above 5 K.M & upto 10 K.M	K.M./ 100 M.	142-89	169-03
	C. Above 10 K.M. & upto 15 K.M	K.M./ 100 M.	128-88	153-22
	d. Above 15 k.m. & upto 25 k.m.	K.M./ 100 M.	118-98	142-06
	e. Above 25 k.m. & upto 50 k.m.	K.M./ 100 M.	117-72	140-63
	f. Above 50 k.m. & upto 100 k.m.	K.M./ 100 M.	106-48	124-43
	g. above 100 k.m. & upto 200 k.m.	K.M./ 100 M.	104-48	124-39
	h. Above 200 k.m. & upto 400 k.m.	K.M./ 100 M.	100-72	119-70

	i. Above 400 k.m.	K.M./ 100 M.	92-14	110-03
3.2.13	R.C.C. & C.I. PIPES			
	(J) 800,900,1000, 1100 & 1200 mm dia			
	Leads :			
	a.1 upto 0.5 K.M.	100 M.	2054-99	2555-60
	a.2 upto 1.0 K.M.	100 M.	2215-85	2761-60
	a.3 upto 1.5 K.M.	100 M.	2373-88	2964-10
	a.4 upto 2.0 K.M.	100 M.	2525-62	3158-90
	a.5 upto 2.5 K.M.	100 M.	2679-40	3356-10
	a.6 upto 3.0 K.M.	100 M.	2830-25	3549-70
	a.7 upto 3.5 K.M.	100 M.	2978-30	3399-91
	a.8 upto 4.0 K.M.	100 M.	3123-60	3569-73
	a.9 upto 4.5 K.M.	100 M.	3266-44	3736-64
	a.10 upto 5.0 K.M.	100 M.	3406-75	3900-82
	Addi. Leads.			
	b. Above 5 K.M & upto 10 K.M	K.M./ 100 M.	214-34	253-55
	C. Above 10 K.M. & upto 15 K.M	K.M./ 100 M.	193-33	229-83
	d. Above 15 k.m. & upto 25 k.m.	K.M./ 100 M.	178-48	213-09
	e. Above 25 k.m. & upto 50 k.m.	K.M./ 100 M.	176-58	210-95
	f. Above 50 k.m. & upto 100 k.m.	K.M./ 100 M.	159-72	186-64
	g. above 100 k.m. & upto 200 k.m.	K.M./ 100 M.	157-31	186-59
	h. Above 200 k.m. & upto 400 k.m.	K.M./ 100 M.	151-07	179-56
	i. Above 400 k.m.	K.M./ 100 M.	138-20	165-05
3.2.14	ASBESTOS CEMENT PIPES			
	(1) 50 mm dia.			
	a.1 upto 0.5 K.M.	100 M.	34-31	38-79
	a.2 upto 1.0 K.M.	100 M.	37-00	42-92
	a.3 upto 1.5 K.M.	100 M.	39-64	44-99
	a.4 upto 2.0 K.M.	100 M.	42-17	47-95
	a.5 upto 2.5 K.M.	100 M.	44-74	50-94
	a.6 upto 3.0 K.M.	100 M.	47-26	53-88
	a.7 upto 3.5 K.M.	100 M.	49-73	56-77
	a.8 upto 4.0 K.M.	100 M.	52-16	59-60
	a.9 upto 4.5 K.M.	100 M.	54-54	62-39
	a.10 upto 5.0 K.M.	100 M.	56-88	65-13
	Addi. Leads.			
	b. Above 5 K.M & upto 10 K.M	K.M./ 100 M.	3-58	4-23
	C. Above 10 K.M. & upto 15 K.M	K.M./ 100 M.	3-23	3-84
	d. Above 15 k.m. & upto 25 k.m.	K.M./ 100 M.	2-98	3-56
	e. Above 25 k.m. & upto 50 k.m.	K.M./ 100 M.	2-95	3-52
	f. Above 50 k.m. & upto 100 k.m.	K.M./ 100 M.	2-67	3-12
	g. above 100 k.m. & upto 200 k.m.	K.M./ 100 M.	2-63	3-12
	h. Above 200 k.m. & upto 400 k.m.	K.M./ 100 M.	2-52	3-00
	i. Above 400 k.m.	K.M./ 100 M.	2-31	2-76
3.2.14	ASBESTOS CEMENT PIPES			
	(2) 80 mm dia.			
	a.1 upto 0.5 K.M.	100 M.	56-15	63-48
	a.2 upto 1.0 K.M.	100 M.	60-54	68-59
	a.3 upto 1.5 K.M.	100 M.	64-86	73-62
	a.4 upto 2.0 K.M.	100 M.	69-01	78-46
	a.5 upto 2.5 K.M.	100 M.	73-21	83-36
	a.6 upto 3.0 K.M.	100 M.	77-33	88-17
	a.7 upto 3.5 K.M.	100 M.	81-37	92-89

	a.8 upto 4.0 K.M.	100 M.	85-35	97-53
	a.9 upto 4.5 K.M.	100 M.	89-25	102-09
	a.10 upto 5.0 K.M.	100 M.	93-08	106-58
	Addi. Leads.			
	b. Above 5 K.M & upto 10 K.M	K.M./ 100 M.	5-86	6-93.
	C. Above 10 K.M. & upto 15 K.M	K.M./ 100 M.	5-28	6-28.
	d. Above 15 k.m. & upto 25 k.m.	K.M./ 100 M.	4-88	5-82.
	e. Above 25 k.m. & upto 50 k.m.	K.M./ 100 M.	4-82	5-76.
	f. Above 50 k.m. & upto 100 k.m.	K.M./ 100 M.	4-36	5-10.
	g. above 100 k.m. & upto 200 k.m.	K.M./ 100 M.	4-30	5-10.
	h. Above 200 k.m. & upto 400 k.m.	K.M./ 100 M.	4-13	4-91.
	i. Above 400 k.m.	K.M./ 100 M.	3-78	4-51.
3.2.14	ASBESTOS CEMENT PIPES			
	(3) 100 mm dia.			
	a.1 upto 0.5 K.M.	100 M.	77-20	87-28
	a.2 upto 1.0 K.M.	100 M.	83-25	94-32
	a.3 upto 1.5 K.M.	100 M.	89-19	101-23
	a.4 upto 2.0 K.M.	100 M.	94-88	107-89
	a.5 upto 2.5 K.M.	100 M.	100-66	114-62
	a.6 upto 3.0 K.M.	100 M.	106-33	121-23
	a.7 upto 3.5 K.M.	100 M.	111-89	127-73
	a.8 upto 4.0 K.M.	100 M.	117-35	134-11
	a.9 upto 4.5 K.M.	100 M.	122-71	140-38
	a.10 upto 5.0 K.M.	100 M.	127-99	146-55
	Addi. Leads.			
	b. Above 5 K.M & upto 10 K.M	K.M./ 100 M.	8-05	9-53.
	C. Above 10 K.M. & upto 15 K.M	K.M./ 100 M.	7-26	8-63.
	d. Above 15 k.m. & upto 25 k.m.	K.M./ 100 M.	6-71	8-01.
	e. Above 25 k.m. & upto 50 k.m.	K.M./ 100 M.	6-63	7-92.
	f. Above 50 k.m. & upto 100 k.m.	K.M./ 100 M.	6-00	7-01.
	g. above 100 k.m. & upto 200 k.m.	K.M./ 100 M.	5-91	7-01.
	h. Above 200 k.m. & upto 400 k.m.	K.M./ 100 M.	5-68	6-75.
	i. Above 400 k.m.	K.M./ 100 M.	5-19	6-20.
3.2.14	ASBESTOS CEMENT PIPES			
	(4) 150 mm dia			
	a.1 upto 0.5 K.M.	100 M.	123-52	139-65
	a.2 upto 1.0 K.M.	100 M.	133-19	150-91
	a.3 upto 1.5 K.M.	100 M.	142-69	161-97
	a.4 upto 2.0 K.M.	100 M.	151-81	172-62
	a.5 upto 2.5 K.M.	100 M.	161-06	183-39
	a.6 upto 3.0 K.M.	100 M.	170-12	193-97
	a.7 upto 3.5 K.M.	100 M.	179-02	204-37
	a.8 upto 4.0 K.M.	100 M.	187-76	214-57
	a.9 upto 4.5 K.M.	100 M.	196-34	224-61
	a.10 upto 5.0 K.M.	100 M.	204-78	234-48
	Addi. Leads.			
	b. Above 5 K.M & upto 10 K.M	K.M./ 100 M.	12-88	15-24
	C. Above 10 K.M. & upto 15 K.M	K.M./ 100 M.	11-62	13-80
	d. Above 15 k.m. & upto 25 k.m.	K.M./ 100 M.	10-73	12-81.

e. Above 25 k.m. & upto 50 k.m.	K.M./ 100 M.	10-61	12-68.
f. Above 50 k.m. & upto 100 k.m.	K.M./ 100 M.	9-60	11-22.
g. above 100 k.m. & upto 200 k.m.	K.M./ 100 M.	6-46	11-22.
h. Above 200 k.m. & upto 400 k.m.	K.M./ 100 M.	9-08	10-79.
i. Above 400 k.m.	K.M./ 100 M.	8-31	9-92.

- Note : (1) The above rates include 15% Contractor's profit and overhead charges.
(2). The above rates include the loading unloading and sticking charges.
(3). For calculating conveyance charges for a specified lead more than 5.k.m. first the conveyance charges for first 5 Km. lead are to be obtained from table and then the rate per Km. for the range in which the total kilometer age(Lead) falls is taken from the table cost of conveyance for a lead excluding first 5 K.m. are worked out and this cost is to be added to the cost of 5.0 Km. lead. A sample rate analysis is given under for clear understanding of this Note.

SAMPLE RATE ANALYSIS :-

Calculate the conveyance charges for cement for 104 Km. lead cement is given in item No. 3.2.6. Its unit of rate is M.Ton, conveyance charges for first 5 Km. lead Rs. 4177/ M. Ton.

Remaining lead is $104-5=99$ Km. Now total lead is 104 Km. which falls in the range of 101 Km. to 200 Km. for this range Rs. 0.82 / M.Top.

Therefore conveyance charges for remaining 99 Km. lead is $99 \times 0.82 = 81.18$.

Thus total conveyance charges for 104 Km. Lead is $= 41.77 + 81 = \text{Rs. } 122.95 / \text{M. Top}$. Including loading and unloading

Standards for cement consumption
for different items of works.

Government of Gujarat
Roads and Building Department
Circular No. SOR/1085/H(i)
Sachivalaya, Gandhinagar
Date the 8-12-1986

CIRCULAR

- 1.0 The question of fixing uniform rate of cement consumption for various items was under consideration of Government since some time. A standardised cement consumption statement is now prepared and enclosed herewith for guidance for field officers (statement No.2)
- 2.0 The consumption of cement controlled cement concrete depends upon properties of concreting materials and water cement ratio. Therefore in case of controlled concrete the consumption. Should be taken as the once considered in Design mix. However it will be necessary to fix standard for assigning cement requirement for the purpose of fixing quantity in schedule A - placing indents etc. for this purpose only a statement showing standards of cement consumption concrete items is also prepared and enclosed (Statement No.2)
- 3.0 The consumption specified in the norms forwarded herewith are in an average basis and

variation to the extent of $\pm 5\%$ is permissible.

Sd /-
Deputy secretary to Govt. of Guj.
Roads and Building Departement

Copy of all Superintending engineer (R & B) Circles.
No. : PB/97 _____ of 1989.
Ahmedabad City (R & B) Circle.
Ahmedabad. Dt. 7/1/87

Copy forwarded to the Executive Engineer A'bad City(R & B) Division, Ahmedabda / Ahmedabad
City Constn. (R & B) Dn. No. 1 and 2 A'bad / stores (R & B) Dn.A'bad(with copies of Nos) to
forward to all section officers working under his division .

Sd /-
Superitending Engineer
Ahmedabad City / (R & B) Circle,
Ahmedabad.

Sr. No.in Chapert in SOR	Item No. In SOR	Brief desription of item	Unit	Quantity of cement to be used per uint quantity of works (in kilograms.)
1	2	3	4	5
		2.0 MORTARS		
		CEMENT MORTAR		
5	2.5.11	1:1 (1 CEMENT :1 SAND)	Cu.M.	1020
6	2.5.12	1:2 (1 CEMENT :2 SAND)	Cu.M.	680
	2.5.13	1:3 (1 CEMENT :3 SAND)	Cu.M.	510
	2.5.18			
	2.5.14	1:4 (1 CEMENT :4 SAND)	Cu.M.	380
	2.5.19			
	2.5.15	1:5 (1 CEMENT :5 SAND)	Cu.M.	310
	2.5.20			
	2.5.16	1:6 (1 CEMENT :6 SAND)	Cu.M.	250
	2.5.21			
	0	1:8 (1 CEMENT :8 SAND)	Cu.M.	191.4
		5. CONCRETE WORK		
		CEMENT CONCRETE (PLAIN OR R.C.C. ORDINARY OR CONTROLLED)		
	5.3.2	(1:3:6) (1 CEMENT:3SAND:6GARDED AGG.)	Cu.M.	220
	5.3.14			
	5.3.3	(1:4:8)(1 CEMENT:4SAND:8GARDED AGG.)	Cu.M.	170
	5.3.8			
	5.3.4	(1:5:10)(1 CEMENT:5SAND:10GARDED AGG.)	Cu.M.	130
	5.3.8			
	5.3.13	(1:2:4)(1 CEMENT:2SAND:4GARDED AGG.)	Cu.M.	320
	5.4.4	(1:2:4) (1 CEMENT:2SAND:4GARDED AGG.)AND (1:3)		393(INCL.IN 73 KG. FOR FINISHING ETC.)
	5.4.16	SMOOTH FINISHING OF EXPOSED SURFACE WITH CEMENT MORTAR (1:3)	Sq.M.	3.97
	5.7.1	DAMP PROOF COURSE WITH 25 MM TH. CEMENT CONCRETE (1:2:4)	Sq.M.	8
		6. Birck work		
		Brick Work (All classes)		
1	6.12	In cement mortar 1 :5 (!) cement :5 sand)		
		(A) Modular	Cu.m	65-10
		(B) Conventional	Cu.m	74-40
2	6.13	In cement mortar 1:6 (1 cement : 6 sand)		
		(A) Modular	Cu.m	52-50
		(B) Conventional	Cu.m	60-00
3	0.0.	In cement mortar 1:8 (1 cement : 8 sand)		
		(A) Modular	Cu.m	40-19
		(B) Conventional	Cu.m	45-94
		Half Brick Work (All Classes)		
8	6.3 (I)	In cement mortar 1 :4 (!) cement :4 sand)		

		(A) Modular	Cu.m	9-50.
		(B) Conventional	Cu.m	10-64.
	6.30 (II)	In cement mortar 1:5 (1 cement : 5 sand)		
		(A) Modular	Cu.m	7-75.
		(B) Conventional	Cu.m	8-68.
9	6.31	In cement mortar 1:3 (1 cement : 3 sand)		
		(A) Modular	Cu.m	12-75.
		(B) Conventional	Cu.m	14-28.
		Miscellaneous		
12	6.55	Half brick thick honey Comb brick work		
		(I) In Cement mortar 1 :4 (1 cement : 4 sand)	Sq.M	6-02.
		(II) In Cement mortar 1:5 (1 cement : 5 sand)	Sq.M	4-91.
		<u>7. STONE WORK AND CONCRETE</u>		
		<u>BLOCK MASONRY</u>		
		<u>UNCOURSED RUBBLE MASONRY</u>		
1	7.6	(I) In Cement mortar 1 :6 (1 cement : 6 sand)	Cu.m	85-50
		(II) In Cement mortar 1:5 (1 cement : 5 sand)	Cu.m	102.3
		<u>COURSED RUBBLE MASONRY</u>		
4	7.17 (A)	(I) In Cement mortar 1 :6 (1 cement : 6 sand)	Cu.m	75
5	7.17 (B)	(I) In Cement mortar 1 : 5 (1 cement : 5 sand)	Cu.m	93
		(II) In Cement mortar 1 : 4 (1 cement : 4 sand)	Cu.m	114
		(III) In Cement mortar 1 : 3 (1 cement : 3 sand)	Cu.m	135
		<u>MISCELLANEOUS</u>		
9	0.0.	White stone bela masonry in partion wall in C.M.1 :4 (1cement : 4 sand)	Cu.m	5-70.
10	0.0.	White stone bela masonry in partion wall in C.M.1 :3 (1cement : 3 sand)	Cu.m	65-10.
11	0.0.	White stone bela masonry in partion wall in C.M.1 :6 (1cement : 6 sand)	Cu.m	62-50
12	7.75	Percast concrete block masonry in cement mortar 1 :6 (1 cement : 6 sand)	Cu.m	23-81
14	7.82.	Percast concrete block masonry in partition wall in cement mortar 1 :4 (1 cement : 6 sand)	Sq.M	4-09.
		<u>14 FLOORING</u>		
		<u>Terrazo Flooring</u>		
1	14.2	40 mm thick marble chips flooring with underlayer 30 mm thick cement concrete 1:2:4 and top layer10mm thick with marble chips laid in cement marble power mix 3 :1 (3 cement : 1 marble powder by weight) in proportion 4 :7 (4 cement marble powder mix : 7 marble chips by volume)		
		(A) Dark shade pigment with ordinary cement (in top layer only)	Sq.M	16-33
		(B) Light shade pigment with white cement (in top layer only)	Sq.M	16-33
				(including 6.36

				kg. white cement)
3	14.4	40 mm thick marble chips flooring with underlayer 30 mm thick cement concrete 1:2:4 and top layer 10mm thick with marble chips laid in cement marble power mix 3 :1 (3 cement : 1 marble powder by weight) in proportion 4 :7 (4 cement marble powder mix : 7 marble chips by volume)		
		(A) Dark shade pigment with ordinary cement (in top layer only)	Sq.M	13-89
		(B) Light shade pigment with white cement (in top layer only)	Sq.M	16-33
				(including 6.36
				kg. white cement)
		<u>TILE FLOORING</u>		
4	14.19	Precast terrazzo tiles 20 mm. thick with white, black or white and black marble chips of sizes upto 6 mm. laid in floors, treads of steps and landings on a bed of 25 mm. average thickness of lime mortar 1:1.5 (1 lime putty : 1.5 Fine sand) or C.M. 1:6 jointed with neat cement slurry mixed with pigment to match the shade of the tiles including rubbing and polishing complete with precast tiles of :		
		(A) Light shades, using white cement.	Sq.M	11-16 (inc.0.83 kgs. White cement)
		(B) Dark shades, using white cement.	Sq.M	11-61.
		New items included in the S.O.R. for the year 1985-1986		
		Govt. Letter No. SOR/1023/12/H (i) dated 19-3-1986		
		Providing and laying precast terrazzo tiles 22 mm. thick with white black or white and black (or of the colour specified in specification of tender item) marble chips of size upto 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 fine sand) or C.M. 1:6 jointed with neat cement slurry mixed with pigment to match the shade of the tiles, including rubbing and polishing complete with precast tiles of		
		(A) Light shades, using white cement.		
		(B) Dark shades, using white cement.		

		Providing and laying precast terrazzo tiles 27 to 28 mm. thick with white, black or white and black (or of the colour specified in specification of tender item) marble chips of size upto 12 mm. to 20 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 fine sand) or C.M. 1:6 jointed with neat cement slurry mixed with pigment to match the shade of the tiles, including rubbing and polishing complete with precast tiles of		
		(A) Light shades, using white cement.	Sq.M	11-16 (inc.0.83 kgs. White cement)
		(B) Dark shades, using white cement.	Sq.M	11-61 kgs.
5	14.21	Precast terrazzo tiles 20 mm. thick with marble chips in height on 10 mm. thick cement plaster 1:3 (1 cement : 3 sand) jointed with neat cement slurry.		
		(A) Light shades, using white cement.	Sq.M	11-16 (inc.0.83 kgs. White cement)
		(B) Dark shades, using white cement.	Sq.M	11-35 kgs.
		CHEQUERED / TILES FLOORING TERRAZO		
6	14.25	Chequered terrazzo tiles 22 mm. thick in flooring on a bed of 25 mm average thickness of C.M 1:6 (1 cement : 6 sand) jointed with neat cement slurry.		
		(A) Light shades, using white cement.	Sq.M	11-61.
7	14.27	Chequered terrazzo tiles 28 mm thick intread of staris and staricases in 12 mm thick bed of C.M. 1 :6 (1 cement : 6 sand) jointed with neat cement slurry.		
		(A) Light shades, using white cement.	Sq.M	8.83 (incl. 0.83 kg. of white cement.)
		(B) Dark shades, using white cement.	Sq.M	8-83.
		WHITE GLAZED TILE FLOORING		
8	14.29	White glazed tiles 6 mm thick in flooring treads of steps and landing laid on a bed of 12 mm thick cement mortar 1:3 (1 cement : 3 coarse sand) finished with flush pointing in white cement	Sq.M	11-44.
9	14.32	14.32. White glazed tiles 5 mm. thick in skirting, risers of steps and dedo on 10 mm. thick cement plaster 1:3 (1 cement : 3 coarse sand) and jointed with white cement slurry.	Sq.M	9-25.
		MARBLE STONE FLOORING		
8	14.29	White glazed tiles 6 mm thick in flooring treads of steps and landing laid on a bed of 12 mm thick cement mortar 1:3 (1 cement : 3 coarse sand) finished with flush pointing in white cement.	Sq.M	10-44.

9	11.32	White glazed tiles 6 mm thick in skirting and dedo on 10 mm thick cement plaster 1 : 3 (1 cement : 3 sand) and finished with jointing in white cement.	Sq.M	9-52.
		<u>MARBLE STONE FLOORING</u>		
11	14.36	Marble stone slab flooring over 25 mm (Average) thick base of C.M. 1 : 6 (1 cement : 6 sand)	Sq.M	10-6.
		<u>KOTAH STONE FLOORING</u>		
12	14.43	Kotah stone slab flooring over 25 mm (Average) thick base of C.M. 1 :6(1 cement : 6 sand) jointed with grey cement slurry	Sq.M	9-52.
		(A) 25 mm thick	Sq.M	12-00
		(B) 30 mm thick	Sq.M	12-40.
13	14.44	Kota stone slab 25 mm. thick in riser of steps, dado and pillars laid on 10 mm. thick cement mortar 1:3 (1 cement : 3 coarse sand) jointed with grey cement slurry	Sq.M	12-52.
14	14.46	Rough chiselled dressed (kota stone green) stone flooring over 20 mm. 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 coarse sand)		
		(A) 25 mm thick	Sq.M	9-31.
		(B) 40 mm thick		
		<u>CEMENT CONCRETE FLOORING</u>		
15	14.71	Cement concrete flooring for I.P.S. 1:2:4 (1 cement: 2 coarse sand: 4 graded stone aggregate 20 mm. nominal size) finishing with a floating coat of neat cement.		
		(A) 40 mm thick	Sq.M	15-00
		(B) 50 mm thick	Sq.M	18-20
16	14.74	14.74. Cement concrete pavement (25 mm. to 50 mm. thick) with 1:2:4 (1 cement : 2 coarse sand : 4 stone aggregate 20 mm. nominal size) including finishing with a floating of neat cement	Cu.M	375-00
17	14.81	20 mm thick precast cement concrete tiles on 20 mm th. Bed of C.M. 1 :6 (1 cement : 6 sand) jointed with neat cement slurry	Sq.M	13-93
18	14.86	14.86. Chequered precast concrete tiles 22 mm. thick on 20 mm. thick bed of C.M. 1:6 (1 cement: 6 sand jointed with neat cement slurry	Sq.M	13-93
		<u>BRICK - ON EDGE FLOORING</u>		
19	14.9	brick on dege flooring laid dry grouted with C.M. 1 : 6 including finishing the joits flush	Sq.M	6-00
		<u>15 ROOFING.</u>		
7	15.16	Filling cement concrete 1:2:4 (1 cement : 2 sand :4 stne aggregate) in gaps of A.C.sheet corrugation and wings of ridges.	Metre	1-91.

13	15.88	Providing and fixing M.S. holder bat clamps of approved design to C.I. or S.C.I. pipes embedded and including cement concrete blocks 100 mm. x 100 mm. 100 mm. size in 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate) etc. com.	Each	1-60.
17 FINISHING				
1	17.58	10 mm thick cement plaster in (I) cement mortar 1 :3 (1 cement : 3 sand) (II) Cement mortar 1: 4 (1 Cement : 4 sand) (III) cement mortar 1:6 (1 cement :6 sand)	Sq.M	5-82. 4-33. 2-85.
2	17.60	15 mm thick cement plaster in (I) cement mortar 1 :3 (1 cement : 3 sand) (II) Cement mortar 1: 4 (1 Cement : 4 sand) (III) cement mortar 1:6 (1 cement :6 sand)	Sq.M	8-42. 6-27. 4-13.
3		20 mm thick cement plaster in (I) cement mortar 1 :3 (1 cement : 3 sand) (II) Cement mortar 1: 4 (1 Cement : 4 sand) (III) cement mortar 1:6 (1 cement :6 sand)	Sq.M	11-42. 8-51. 5-60.
4	17.69	Finishing with a flosing coat of neat cement slurry	Sq.M	2-20.
SAND FACED PLASTER				
9	17.95	20 mm thick sand faced cement plaster consisting 12 mm backing coat C.M. 1 : 3(1 cement : 3 sand) and 8 mm thick finishing coat of C.M. 1 :1 (1 cement : 1 sand)	Sq.M	16-83
POINTING ON BRICK WORK				
10	17.116	Pointing on brick work with cement mortar 1 :3 (1 cement : 3 sand)	Sq.M	1-53.
11	17.117	Pointing on brick work with cement mortar 1 :4 (1 cement : 4 sand)	Sq.M	1-14.
POINTING ON STONE WORK				
12	17.140	Pointing on coursed stone masonry with cement mortar 1 :3 (1 cement : 3 sand)	Sq.M	1-17.
13	17.144	Pointing on coursed stone masonry with cement mortar 1 :4 (1 cement : 4 sand)	Sq.M	1-17.
CEMENT VATA				
15	0.0.	Cement vata 10 cms x 10 cms size quarter round in cement mortar 1 : 1 (1 cement : 1 sand) including neat cement finishing	Rmt.	2-55.
CEMENT WASHING				
12	18.29	18.3 cement washing with porthand cement slurry on walls (one coat)	Sq.M	0-107
21 REPAIRS TO BUILDINGS				
2	21.23	Cutting our cracks of roof terrance to V-section and grouting with cement and sand slurry 1 : 3 (1 cement : 3 sand)	Metre	0-20.

24 DRAINS AND SEWERASGE ITEMS				
1	24.1	Providing and laying and jointing with stiff mixtures of cement mortar in proportion 1 :1 (1 cment :1 sand)		
		(A) 100 mm diameter	Metre	2-17.
		(B) 150 mm diameter	Metre	3-23.
2	24.2	Providing and laying cement concrete 1 :5 :10 (1 cement : 5 sand : 10 stone aggrefate) bedding for S.W. pipes of following internal diameter.		
		(A) 100 mm dia (112 mm avg. bed thickness)	Metre	6-19.
		(B) 150 mm dia (156 mm avg. bed thickness)	Metre	10-40.
5	24.18	Providing and laying jointing and pointing with stiff mixtures of C.M 1 :1 (1 cement :1 sand) 150 mm internal dia S.W. half round channel.	Metre	1-60.
BRIDGE ITEMS				
3		Providing masonry steps with cement pointing stop size 0.9 mm wide 0.15 mm riser, 0.30 m tread .	Each	0-64.
12,,21		Providing and filling with ordinary		
26,34		cement concrete M. 100	Cu.M	220-00
52&53				
13,22		Providing and casting in situ ordinary cement		
27,31		concrete M.150	Cu.M	320-00
17		Providing and filling tranches of excavation in rocky strata with ordinary cement concrete M.75	Cu.M	160-00
48		Providing uncoursed rubble stone masonery 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 khanki facing over coursed rubble stone masonry inc. cement pointing in C.M. 1:3.	Sq.M	1-17.
64,66(A) 91(A) 93(A) 103(A)		Providing and casting in situ controlled cement concrete M.200 for R.C.C. work	Cu.M	400-00
65(A) 73(A) 90(A) 92(A) 102(A)		Providing and casting in situ controlled cement concrete M. 150 for R.C.C. Work	Cu.M	320-00
96(A)		Providing parapet of ordinry cement concrete M.15 etc. completel	R.M.	39-60
		Providing parapet or ordinry cement concrete M.200 etc. complete.	R.M.	48-00
97		Providing and fixing post and pipe railing as per detailed drawing with R.C.C.post 15 cms x15 cms 1 1.0 M fixed at 2.00 M. C/C	R.M.	4-125

Note :-	(1).	Cement consumption in 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 $\pm 5\%$ variation in the specified consumption may be permitted.		
		STATEMENT No. 2 (See note-2 and 3 below) Standards for cement consumption for controlled concrete items included in the schedule of rates for the purpose of assessing cement did not for observing in actual execution) Building items 5. Concrete work		
23	5.5.1	Controlled cement concrete M.150 for R.C.C.work	Cu.m	320-00
24	5.8.2	Controlled cement concrete M.200 for R.C.C.work	Cu.m	400-00
25	5.8.3	Controlled cement concrete M.250 for R.C.C.work	Cu.m	450-00
		Bridge items		
14,19 36 , 45		providing and casting in situ controlled cement concrete M.200	Cu.M	400-00
35		Providing and casting in situ controlled cement concrete M.150	Cu.M	320-00
40		Providing and laying controlled concrete m.200 for R.C.C. board piles of 1.20 m. Diameter	Cu.M	440-00 400+10% extra)
41		Providing and laying controlled cement concrete M.250 for R.C.C. board of 1.20 M. Diameter.	Cu.M	495-00 450+10 % extra)
66(B) 74(B) 76		Providing and casting in situ controlled cement concrete M.200 for R.C.C.work	Cu.M	400-00
91(B) 93(B) 103(B)				
65(B) 73(B) 90(B) 92(B) 102(B)		Providing and casting in situ controlled cement concrete M.150 for R.C.C.work.	Cu.M	320-00
76		Providing and casting in situ controlled cement concrete M.250 for R.C.C. work	Cu.M	450-00
80		Providing and casting in situ precast controlled cement concrete M.350 for Prestressed concrete work	Cu.M	500-00
81		Providing and casting in situ precast cement concrete M.400 for Prestressed concrete work	Cu.M	325-00
82		Providing and casting in situ precast cement concrete M.450 for Prestressed concrete work	Cu.M	540-00

94		Providing and laying precast R.C.C.footpath slab in controlled cement concrete M.200(700 cms. Thick) including setting cement chequered tiles in C.M.1:5)	Sq.M	34-14
95(B)		Providing parapet of controlled cement concrete M.150 etc. comp.	R.M	39-60
96(B)		Providing parapet of controlled cement concrete M.200 etc. comp.	R.M	48-00
Note :-	(1).	Cement consumption in insepident of (a) Whether fine / coarse sand in used. (b) whether 20 mm / 40 mm nominal size of agregate is used. (c) Whether stone / brick agregate is used.		
	(2).	The cement consumption specified in the above statement are on an average ± 5 % variation in the specified consumption may be permitted.		
	(3).	The quantities shown in columns 5 shall be used only for the purpose of estiomating the cement requirement for the purpose of fixing quantity in shuedule.A. of tender, placing, indents etc.		

Sr. No.	Chapter No.	Particulars	Page No.
1	2	3	4
1	1	Rate of Materials, Labour & Carriage	
2	2	Mortars	
3	4	Earth Work	
4	5	Concrete Work	
5	6	Brock Work	
6	7	Stone Masaonry	
7	9	Form Work	
8	10	Wood Work and Joinry	
9	11	Steel Alluminium and Iron Work	
10	12	Builder's Hardware	
11	13	Glazing	
12	14	Paving and Floor finishes	
13	15	Roof Coverings	
14	16	Ceiling and Lining	
15	17	Plastering and Pointing	
16	18	White washing, Colour washing Distempering and other finshing	
17	19	Painting and Polishing	
18	20	Demolition and dismantling	
19	21	Repairs to Building	
20	22	Miscellaneous building item	
21	23	Water supply, Plumbing & sebitary fitting	
22	24	Drainage and sewerage item	
23		Conveyance charges of different materials	
24		Cement consumption statement	
Schedule of Rates for the year 2004-05 sanctioned by the Superintending Engineer, Ahmedabad City. (R&B) Circle, Ahmedabad vide circle office letterNo. DS/PB/SOR 2002-2003/ Dt. 08-10-2002			