

BUILDING

SECTION

UPTO 5.00
CRORE

SCHEDULE OF RATES FOR THE YEAR: 2015-16
AHMEDABAD CITY (R & B) DIVISION, AHMEDABAD

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CHAPTER :1 BASIC RATES FOR MATERIALS

Sr. No	Code	Description	Unit	Rate
1	M001	A.C. Bend (plain) 100mm	Each	0.00
2	M002	A.C. Bend (plain) 75mm dia	Each	0.00
3	M003	A.C. Bend without Door 100 mm dia	Each	0.00
4	M004	A.C. Bend without Door 80 mm dia	Each	0.00
5	M005	A.C. Bowl 100mm dia	Each	0.00
6	M006	A.C. Bowl 75mm dia	Each	0.00
7	M007	A.C. Double 'Y' junction with plug 100mm dia	Each	0.00
8	M008	A.C. Double 'Y' junction with plug 80mm. dia	Each	0.00
9	M009	A.C. Junction single equal 150mm. dia	Each	0.00
10	M010	A.C. North Light Ventilator Curves	Each	0.00
11	M011	A.C. Pipe 2.0 M long 100 mm dia	Each	0.00
12	M012	A.C. Pipe 2.0 M long 80 mm dia	Each	0.00
13	M013	A.C. pipe clamp 100mm dia	Each	0.00
14	M014	A.C. pipe clamp 75mm dia	Each	0.00
15	M015	A.C. Sheet Ridge 1.22 M Long	Pair	0.00
16	M016	A.C. Socketed Half round Gutter 150 mm dia	Each	0.00
17	M017	A.C. Socketed Half round Gutter 300 mm dia	Each	0.00
18	M018	A.C. Standard shoe 150mm. dia	Each	0.00
19	M019	Abonite ball cock 25mm dia	Each	103.00
20	M020	Abonite ball cock 50mm dia	Each	138.00
21	M021	Acid proof paint (Chocolate or Black)	Litre	220.00
22	M022	Aldrop 20mm. dia Size with necessary fitting Iron Oxidised 20cms. Length	Each	45.00
23	M023	Aldrop 20mm. dia Size with necessary fitting Iron Oxidised 25cms. Length	Each	50.00
24	M024	Aldrop 20mm. dia Size with necessary fitting Iron Oxidised 30cms. Length	Each	60.00
25	M025	Aldrop 20mm. dia Size with necessary fitting Iron Oxidised 35cms. Length	Each	70.00
26	M026	Aldrop 20mm. dia Size with necessary fitting Alluminium 20cms. Length	Each	80.00
27	M027	Aldrop 20mm. dia Size with necessary fitting Alluminium 25cms. Length	Each	82.00
28	M028	Aldrop 20mm. dia Size with necessary fitting Alluminium 30cms. Length	Each	110.00
29	M029	Aldrop 20mm. dia Size with necessary fitting Alluminium 35cms. Length	Each	130.00
30	M030	Aldrop 20mm. dia Size with necessary fitting Brass 20cms. Length	Each	255.00
31	M031	Aldrop 20mm. dia Size with necessary fitting Brass 25cms. Length	Each	275.00

Sr. No	Code	Description	Unit	Rate
32	M032	Aldrop 20mm. dia Size with necessary fitting Brass 30cms. Length	Each	290.00
33	M033	Aldrop 20mm. dia Size with necessary fitting Brass 35cms. Length	Each	320.00
34	M034	Aldrop 20mm. dia Size with necessary fitting Brass CP 20cms. Length	Each	270.00
35	M035	Aldrop 20mm. dia Size with necessary fitting Brass CP 25cms. Length	Each	285.00
36	M036	Aldrop 20mm. dia Size with necessary fitting Brass CP 30cms. Length	Each	290.00
37	M037	Aldrop 20mm. dia Size with necessary fitting Brass CP 35cms. Length	Each	320.00
38	M038	Aluminum paint	Litre	200.00
39	M039	Aluminum Perforated jali of any size	sq.m.	185.00
40	M040	Aluminum Powder	kg	14.00
41	M041	Aluminum sheet 22 guage thick	sq.m.	225.00
42	M042	Angle bracket Iron 10 x 12 size (25cms x 30cms.)	Doz.	227.00
43	M043	Angle bracket Iron 12 x 14 size (309 cms. x 35cms)	Doz.	235.00
44	M044	Angle size 15 x 15 cm. (Glazed)	10 Each	110.00
45	M045	Anodised Alluminum Screws 20 mm	100 Each	49.00
46	M046	Anodised Alluminum Screws 30 mm	100 Each	73.00
47	M047	Anodised Alluminum Screws 40 mm	100 Each	78.00
48	M048	Anodised Aluminum Butt hinges 100 mm x 63 mm x 3.2 mm	10 Each	239.00
49	M049	Anodised Aluminum Butt hinges 50 mm x 45 mm x 3.2 mm	10 Each	123.00
50	M050	Anodised Aluminum Butt hinges 75 mm x 45 mm x 3.2 mm	10 Each	130.00
51	M051	Anodised Aluminum Butt hinges 75 mm x 63 mm x 3.2 mm	10 Each	157.00
52	M052	Anticorrosive bituminous paint	Litre	90.00
53	M053	Asbestos Rope	Rmt	9.00
54	M054	Asphalt CRMB 50 Bulk	MT	39020.00
55	M055	Asphalt CRMB 50 pack	MT	39293.00
56	M056	Asphalt CRMB 55 Bulk	MT	39715.00
57	M057	Asphalt CRMB 55 Pack	MT	39426.00
58	M058	Asphalt CRMB 60 Bulk	MT	39652.00
59	M059	Asphalt CRMB 60 Pack	MT	39314.00
60	M060	Asphalt Grade 30/40 Pack	MT	39439.00
61	M061	Asphalt Grade 60/70 Bulk	MT	35973.00
62	M062	Asphalt Grade 60/70 Pack	MT	38773.00
63	M063	Asphalt Grade 80/100 Bulk	MT	35204.00
64	M064	Asphalt Grade 80/100 pack	MT	38004.00
65	M065	Asphalt Grade30/40 Bulk	MT	34437.00
66	M066	Asphalt PMB SB 40 Bulk	MT	8049.00
67	M067	Asphalt PMB SB 40 Pack	MT	12047.00
68	M068	Asphalt PMB SB 70 Bulk	MT	8241.00
69	M069	Asphalt PMB SB 70 Pack	MT	12342.00

Sr. No	Code	Description	Unit	Rate
70	M070	Bajri or figure glass 3mm thick	sq.m.	190.00
71	M071	Bajri or figure glass 4mm thick	sq.m.	225.00
72	M072	Ball Catch width spring 1/2 Dia (13mm)	Each	10.00
73	M073	Ball Catch width spring 5/8 Dia. (16mm)	Each	8.00
74	M074	Ballies 125 mm dia.	Rmt	36.00
75	M075	Ballies 80 mm dia.	Rmt	27.00
76	M076	Barbed wire for fencing of galvanized steel wire	Quintal	6800.00
77	M077	Bat clamps 100 mm dia	Each	18.00
78	M078	Bat clamps 80 mm dia	Each	13.00
79	M079	Battens 75mm x100mm. country wood	cu.dm.	24.00
80	M080	Battens Indian teakwood size 12mm x 12mm	Rmt	4.00
81	M081	Battens Indian teakwood size 12mm x 19mm	Rmt	6.50
82	M082	Battens Indian teakwood size 12mm x 35mm	Rmt	14.00
83	M083	Battens Indian teakwood size 19mm x 19mm	Rmt	8.50
84	M084	Battens Indian teakwood size 19mm x 25mm	Rmt	13.00
85	M085	Battens 50 mm x 25 mm	Rmt	24.00
86	M086	Battens 50 mm x 50 mm	cu.dm.	24.00
87	M087	Battens 75 mm x 100 mm	Rmt	24.00
88	M088	Battens 75 mm x 50 mm	cu.dm.	24.00
89	M089	Bees Wax	kg	72.00
90	M090	Bevelled edge mirror 600mm x 450mm	Each	273.00
91	M091	Bilimoria Brick	1000 Each	3638.00
92	M092	Binding wire of 18 gauge thick annealed iron	kg	47.00
93	M093	Binding Wires	kg	47.00
94	M094	Bitumen Washer	100 Each	49.00
95	M095	Bituminous Paint	Litre	51.00
96	M096	Black Japan Paint.	Litre	51.00
97	M097	Black plastic sheet with cover with C.P. Brass Hinges and Rubber butters white Vitrious China	Each	291.00
98	M098	Black stone for cooking Platfrom (1.50 Sq.Mt.)	Each	553.00
99	M099	Blasting Powder	kg	51.00
100	M100	Bolt 'L' 3 to 4 size iron (7.5cms to 10 cms)	Doz.	65.00
101	M1000	Waterproof gypsum board 12.5 mm thick	Sqm	150.00
102	M1001	Perimetre channel 15 mmx 27 mm x 30 mm x 0.55 mm	Rmt	30.00
103	M1002	Intermediate channel of size 15 mm x 45 mm x 0.90 mm at 1220 C/C	Rmt	47.10
104	M1003	Ceiling steel section of size 80 mm x 26 mm x 0.50 mm at 457 mm C/C	Rmt	49.00
105	M1004	Celing angle of size 25 mm x 10 mm	Rmt	15.00
106	M1005	Sofit cleat of size 22 mm x 37 mm	No.	2.00
107	M1006	Raw / plug	No.	6.00
108	M1007	Nut bolts	No.	2.00
109	M1008	Connecting clips	No.	4.25
110	M1009	Joining paper tap	Rmt	1.00
111	M101	Bolts 12 mm dia. 10 cm. Long	kg	64.00

Sr. No	Code	Description	Unit	Rate
112	M1010	Joining compound	kg	28.00
113	M1011	Migratory Corrosion Admixture POLYALK CP 293	kg	242.57
114	M1012	Migratory Corrosion Admixture POLYALK CP 293	kg	242.57
115	M1013	Rock Wool	kg	52.08
116	M1014	Vapour Breather Membrane	Sqm	150.00
117	M1015	One-side alluminium thermal bubble insulation barrier including taxes	Sqm	100.00
118	M1016	12mm thick Cement Fibre Board	Sqm	538.00
119	M1017	Factory finished cold formed Light guage steel Sheet	kg	105.80
120	M1018	Powder coated Alluminium Section 63.50 x 38.10 x 1.95 mm @ Wt. 1.094 Kg/mt	Kg	235.00
121	M1019	CSS1	kg	45.00
122	M102	Bolts 12 mm dia. 10 cm. Long	kg	64.00
123	M103	Boundry Stone	Each	37.00
124	M104	Brass Screw Down bib type. 15mm dia.	Each	164.00
125	M105	Brass Screw Down bib type. 20mm dia	Each	206.00
126	M106	Brass screw down stop cock 15 mm dia	Each	206.00
127	M107	Brass screw down stop cock 20 mm dia	Each	224.00
128	M108	Brass screw down stop cock 25 mm dia	Each	221.00
129	M109	Brick bats chhara	cu.m.	153.00
130	M110	Brick aggregate 40mm size	cu.m.	153.00
131	M111	C.I. Cap Gril As per Std. Design	Each	52.00
132	M112	C.I. Cover with frame 300mm x 300mm	Each	468.00
133	M113	C.I. Cover with frame 455mm x 610mm	Each	959.00
134	M114	C.I. Cover with frame 500mm x 700mm	Each	1333.00
135	M115	C.I. Cover with frame 600mm x 850mm	Each	4301.00
136	M116	C.I. Cover with frame for manholes	Quintal	6639.00
137	M117	C.I. Cover without frame 300mm x 300mm	Each	550.00
138	M118	C.I. Cover without frame 455mm x 610mm	Each	1128.00
139	M119	C.I. Cover without frame 500mm x 700mm	Each	1568.00
140	M120	C.I. Cover without frame 600mm x 850mm	Each	5060.00
141	M121	C.I. Cover without frame for manholes	Quintal	7810.00
142	M122	C.I. Cowel 100 mm dia	Each	402.00
143	M123	C.I. Cowel 75mm dia	Each	290.00
144	M124	C.I. Flushing cistem with fittings 12.5 Litre High level	Each	748.00
145	M125	C.I. Greating 100 mm x 100 mm	Each	68.00
146	M126	C.I. Nahni trap	Each	159.00
147	M127	C.I. or M.S Brackets	Each	52.00
148	M128	C.I. ring painted with coal tar	Each	110.00
149	M129	C.I. steps 50cm x 15cm. 2.25cm.	Each	131.00
150	M130	C.P. Brash Screws & Washers 25 mm size	Each	17.00
151	M131	C.P. Brass 1/2 turn flush cock 20 mm dia	Each	255.00
152	M132	C.P. Brass 1/2 turn flush cock 25 mm dia	Each	264.00
153	M133	C.P. Brass 1/2 turn flush cock 32 mm dia	Each	276.00
154	M134	C.P. Brass shower rose 100mm dia.	Each	281.00

Sr. No	Code	Description	Unit	Rate
155	M135	C.P. Brass toilet paper holder of stand and size	Each	258.00
156	M136	C.R.C Sheet	Quintal	5270.00
157	M137	Cast iron grating 100mm dia.	Each	37.00
158	M138	Cast iron grating 150mm dia.	Each	52.00
159	M139	Cast Iron Spigot and Socket soil pipe 100mm	Each	1380.00
160	M140	Cast Iron Spigot and Socket soil pipe 75mm	Each	1146.00
161	M141	Cast Steel Rocker Bairing	MT	58905.00
162	M142	Cast Steel Rocker Rocker Bairing	MT	58905.00
163	M143	Cement	MT	4756.00
164	M144	Cement Bags (Empty)	Each	2.81
165	M145	Ceramic Tiles	sq.m.	306.00
166	M146	Chain link 2 10 x 10 gauge (Galvanised)	sq.m.	300.00
167	M147	Chain link 2.5 10x10 gauge chain link Plastic	sq.m.	300.00
168	M148	Chapras for cupboard Brass Size 4 to 6	Doz.	335.00
169	M149	Chapras for cupboard Brass Size less than 4	Doz.	310.00
170	M150	Chapras for cupboard Iron Size 3x6 (7.5cms x 15cms)	Doz.	82.00
171	M151	Chapras for cupboard Iron Size less than 3 (9.5 cms.)	Doz.	62.00
172	M152	Chicken wire mesh 16 x24	sq.m.	215.00
173	M153	Chromium Plated brass Bib tap. 15mm dia.	Each	187.00
174	M154	Chromium Plated brass Bib tap. 20mm dia.	Each	215.00
175	M155	Chromium plated bottle trap	Each	281.00
176	M156	Clamps in two semi-circular halves of M.S. Flat 40 mm x 3 mm	kg	60.00
177	M157	Coal Tar	Litre	28.00
178	M158	Coarse sand	cu.m.	196.00
179	M159	Coil type spring	Each	196.00
180	M160	Coir string	kg	39.00
181	M161	Cold Twisted Bars	Quintal	3300.00
182	M162	Commercial Plywood Sheet 12 mm	sq.m.	361.00
183	M163	Commercial Plywood Sheet 19 mm	sq.m.	451.00
184	M164	Commercial Plywood Sheet 25 mm	sq.m.	502.00
185	M165	Commercial Plywood Sheet 6 mm	sq.m.	183.00
186	M166	Common Burnt clay Bricks Conventional size	1000 Each	3570.00
187	M167	Common Burnt clay Bricks Modular size 20x10x10 cm	1000 Each	3740.00
188	M168	Contry wood Malayasian mersova (imported)	cu.dm.	30.00
189	M169	Coolex glass (Heat resistant)	sq.m.	275.00
190	M170	Copper metal ball cock 25mm dia	Each	133.00
191	M171	Copper metal ball cock 50mm dia	Each	190.00
192	M172	Corrugated A.C. Sheet 6 mm thick	sq.m.	0.00
193	M173	Corrugated A.C. Sheet 7 mm thick	sq.m.	0.00
194	M174	Country Wood	cu.dm.	26.00
195	M175	Crimp Jali 12 gauge	sq.m.	315.00
196	M176	Crushed stone aggregate for Hard Quality 10 to 20mm size	cu.m.	330.00
197	M177	Crushed stone aggregate for Hard Quality 10mm size	cu.m.	390.00
198	M178	Crushed stone aggregate for Hard Quality 20mm size	cu.m.	413.00

Sr. No	Code	Description	Unit	Rate
199	M179	Crushed stone aggregate for Hard Quality 40mm size	cu.m.	319.00
200	M180	Crushed stone aggregate for Hard Quality 40mm to 63mm size	cu.m.	293.00
201	M181	Crushed stone aggregate for Hard Quality 6 to 10mm size	cu.m.	274.00
202	M182	Crushed stone aggregate for Hard Quality 6mm size	cu.m.	0.00
203	M183	Dark shade pigment	kg	76.00
204	M184	Datta nylon for furniture size 1 to 1 1/4 (2.5 cms to 3.0 cms)	Each	8.00
205	M185	Datta rubber for door size upto 1 (2.5cms)	Each	15.00
206	M186	Decorative ply wood 4 mm thick	sq.m.	298.00
207	M187	Devdar wood battens and Planks	cu.dm.	24.00
208	M188	Diesel	Litre	49.55
209	M189	Distemper Primer	Litre	68.00
210	M190	Door closers (Heavy type of 765 number) Hardwire or Everite Prabhat or Equivalent.	Each	550.00
211	M191	Door closers arrow type with spring 12 length as approved sample (30 cms)	Each	560.00
212	M192	Door shutters Decorative type 25mm. thick Both sides teak finished	sq.m.	1300.00
213	M193	Door shutters Decorative type 35mm. thick Both sides teak finished	sq.m.	1270.00
214	M194	Dry Distemper	kg	43.00
215	M195	Emulsion with aldring heptachlor or chlordane	Litre	149.00
216	M196	Emulsion with Dieldrin	Litre	149.00
217	M197	Enamel Paint	Litre	179.00
218	M198	Enamel Primer	Litre	115.00
219	M199	Expanded metal jali 12 x 12 gauge	sq.m.	190.00
220	M200	Extra cost of R.S. having width 3.5Mt. & above	sq.m.	274.00
221	M201	Fevicol S.R. 998	kg	180.00
222	M202	Fibre Base Bitumen Saturated under Layer Type-L	sq.m.	89.00
223	M203	Fibre Base Self finished Felt Type-II. Grade	sq.m.	103.00
224	M204	Fibre Insulation Board 12 mm thick	sq.m.	188.00
225	M205	Fibre Insulation Board 18 mm thick	sq.m.	272.00
226	M206	Fibre Insulation Board 25 mm thick	sq.m.	349.00
227	M207	Fifth K.M. Pre Cast R.C.C. Stone as per I.R.C.Type Design.	Each	1071.00
228	M208	Fifth K.M. Stone as per I.R.C.Type Design.	Each	670.00
229	M209	Fine sand	cu.m.	179.00
230	M210	Flat back wash basin Colour glazed 450 x 300 size	Each	550.00
231	M211	Flat back wash basin Colour glazed 550 x 400 size	Each	523.00
232	M212	Flat back wash basin Colour glazed 630 x 510 size	Each	1365.00
233	M213	Flat back wash basin White vitrious china 450mm x 300mm size	Each	475.00
234	M214	Flat back wash basin White vitrious china 550mm x 400mm	Each	650.00
235	M215	Flat back wash basin White vitrious china 630 x 510 size	Each	1310.00
236	M216	Flushing cistern P.V.C. with fittings 12.5 Litre high level	Each	800.00

Sr. No	Code	Description	Unit	Rate
237	M217	Flushing cistern White vitrious with C.P. Brass handle etc. 12.5 Litre Low level	Each	1590.00
238	M218	Fly Ash Brick	1000 Each	4250.00
239	M219	Fuel Steam Coal	Quintal	170.00
240	M220	Fuse	Each	111.00
241	M221	G.I Sheet 0.8 mm thick Corrugated class-3	Quintal	5376.00
242	M222	G.I Sheet 0.8 mm thick Plain class-3	Quintal	5230.00
243	M223	G.I Sheet 0.8 mm thick Semi-Circular class-3	Quintal	5230.00
244	M224	G.I. Barbed Wire	Quintal	6800.00
245	M225	G.I. Pipe 30 cm long 50 mm dia	Each	102.00
246	M226	G.I. J or L Hooks	10 Each	88.00
247	M227	G.I. Plain Washer	100 Each	88.00
248	M228	G.I.Seam Bolts and Nuts 25 mm x 6 mm	10 Each	117.00
249	M229	G.S.W. fitting Bends. 100mm dia.	Each	50.00
250	M230	G.S.W. fitting Bends. 150mm dia	Each	60.00
251	M231	G.S.W. Half round channel 150mm dia. 60 Cm long	Each	46.00
252	M232	G.S.W. Junction 100 mm dia	Each	64.00
253	M233	G.S.W. Junction 150 mm dia	Each	118.00
254	M234	Galvanised Mild steel tube Lower Grade 150mm dia	Rmt	950.00
255	M235	Galvanised Mild steel tube Medium Grade 15mm dia	Rmt	94.00
256	M236	Galvanised Mild steel tube Medium Grade 20mm dia	Rmt	122.00
257	M237	Galvanised Mild steel tube Medium Grade 25mm dia	Rmt	173.00
258	M238	Galvanised Mild steel tube Medium Grade 32mm dia	Rmt	219.00
259	M239	Galvanised Mild steel tube Medium Grade 40mm dia	Rmt	267.00
260	M240	Galvanised Mild steel tube Medium Grade 50mm dia	Rmt	349.00
261	M241	Galvanised Mild steel tube Medium Grade 65mm dia	Rmt	437.00
262	M242	Galvanised Mild steel tube Medium Grade 80mm dia	Rmt	564.00
263	M243	Gauge Plate	Quintal	4675.00
264	M244	Geru in crystal (Sona)	kg	1.80
265	M245	GIMS Nuts 5 mm thick 80 mm dia	Each	64.00
266	M246	GIMS T 65 mm x 65 mm	Each	269.00
267	M247	Glass 2 mm to 3 mm thick	sq.m.	145.00
268	M248	Glass Shelf with C.P. Guard Rail and Brackets 600mm x 120mm	Each	231.00
269	M249	Glass strips 4 mm thick 40mm depth	Rmt	13.00
270	M250	Glass strips 6mm thick 40mm depth	Rmt	17.00
271	M251	Glasses 2 mm to 3 mm thick	sq.m.	145.00
272	M252	Glasses 3 mm thick	sq.m.	230.00
273	M253	Granite Slab (18 mm thick) 1 side Polished	sq.m.	1590.00
274	M254	Griding Polishing Rounding or edges of Glass or Glazing Sheet	Rmt	21.00
275	M255	Grindina Polishing rounding or edges of glass or glazing sheet (B) Rubbings & Polishing of tiles or stone flooring	sq.m.	43.00
276	M256	Ground glass (Frosted or obscurd on one side) 3 mm thick	sq.m.	210.00
277	M257	Ground glass (Frosted or obscurd on one side) 4 mm thick	sq.m.	241.00

Sr. No	Code	Description	Unit	Rate
278	M258	Ground glass (Frosted or obscurd on one side) 5 mm thick	sq.m.	303.00
279	M259	Guard Stone	Each	37.00
280	M260	Gum	kg	25.00
281	M261	Gun metal screw down bib tap-15 mm dia	Each	159.00
282	M262	Gun metal screw down bib tap-20 mm dia	Each	178.00
283	M263	Gun metal wheel valve 15mm dia	Each	187.00
284	M264	Gun metal wheel valve 20mm dia	Each	204.00
285	M265	Gun Metal Wheel Valve 25mm dia.	Each	421.00
286	M266	Gun metal wheel valve 32mm dia	Each	315.00
287	M267	Gun Metal Wheel Valve 40mm dia.	Each	664.00
288	M268	Hacksaw blade double thread	Doz.	60.00
289	M269	Hactometer Stone as per Type design.	Each	107.00
290	M270	Hactometer Stone Pre Cast R.C.C. Stone as per Type design	Each	268.00
291	M271	Hammer Iron 1 LBS	Each	60.00
292	M272	Hammer Iron 2 LBS	Each	85.00
293	M273	Hand broken stone aggregate 25mm size to 90mm size	cu.m.	173.00
294	M274	Hand broken stone aggregate 40mm size to 63mm size.	cu.m.	203.00
295	M275	Handle for doors Windows Cupboards etc. Brass 10 cms. Length	Each	60.00
296	M276	Handle for doors Windows Cupboards etc. Brass 15 cms. Length	Each	70.00
297	M277	Handle for doors Windows Cupboards etc. C.P. Brass 10 cms. Length	Each	40.00
298	M278	Handle for doors Windows Cupboards etc. C.P. Brass 15 cms. Length	Each	52.00
299	M279	Handle for doors Windows Cupboards etc. 10 cms. Length	Each	18.00
300	M280	Handle for doors Windows Cupboards etc. 15 cms. Length	Each	22.00
301	M281	Handle for doors Windows Cupboards etc. Iron Oxidized 10 cms. Length	Each	12.00
302	M282	Handle for doors Windows Cupboards etc. Iron Oxidized 15 cms. Length	Each	13.00
303	M283	Handle for steel window (Right & Left) Alluminium	Each	35.00
304	M284	Handle for steel window (Right & Left) Brass	Each	51.00
305	M285	Handle for steel window (Right & Left) Iron oxidized	Each	59.00
306	M286	Handle for steel window (Right & Left) Wrinkle finish	Each	21.00
307	M287	Hard board sheet 4 mm thick	sq.m.	145.00
308	M288	Hard Drawn Steel Wire Fabric	sq.m.	245.00
309	M289	Hard Marrum	cu.m.	96.00
310	M290	Hi Tensile Steel Wire	MT	66666.00
311	M291	Hinges (Strap) Alluminium 10 cms. Length	Each	30.00
312	M292	Hinges (Strap) Alluminium 15 cms. Length	Each	45.00
313	M293	Hinges (Strap) Alluminium 20 cms length	Each	55.00
314	M294	Hinges (Strap) M.S. 10 cms. Length or equivalent	Pair	29.00
315	M295	Hinges (Strap) M.S. 12.5 cms. Length or equivalent	Pair	40.00

Sr. No	Code	Description	Unit	Rate
316	M296	Hinges butt. I.S.I Mark Brass (Railway type heavy) 7.5 cms. Length or equivalent	Pair	75.00
317	M297	Hinges butt. I.S.I Mark Brass (Railway type heavy) 7.5 cms. Length or equivalent	Pair	110.00
318	M298	Hinges butt. I.S.I Mark Steel 10 cms. Length 14 gauge	Pair	20.00
319	M299	Hinges butt. I.S.I Mark Steel 7.5 cms. Length 16 gauge	Pair	59.00
320	M300	Hinges butt. I.S.I Mark Alluminium 10 cms. Length	Pair	75.00
321	M301	Hinges butt. I.S.I Mark Alluminium 7.5 cms. Length	Pair	45.00
322	M302	Hinges butt. I.S.I Mark C.P.Brass (Railway type Hinges) 10 cms. Length	Pair	92.00
323	M303	Hinges butt. I.S.I Mark C.P.Brass (Railway type Hinges) 7.5 cms. Length	Pair	95.00
324	M304	Hinges Parilamentary Steel 10 cms. Length	Each	195.00
325	M305	Hinges Parilamentary Steel 12.5 cms length	Each	145.00
326	M306	Hinges Parilamentary Steel 7.5 cms. Length	Each	125.00
327	M307	Hinges Parilamentary Brass 10 cms. Length	Each	34.00
328	M308	Hinges Parilamentary Brass 12.5 cms length	Each	45.00
329	M309	Hinges Parilamentary Brass 7.5 cms. Length	Each	28.00
330	M310	Hinges Spring 10 cms. Length	Each	130.00
331	M311	Hinges Spring 7.5 cms. Length	Each	122.00
332	M312	Hirakani	Each	190.00
333	M313	Hood Cover 0.9 mm thick	Rmt	132.00
334	M314	Hood Cover 1.25 mm thick	Rmt	138.00
335	M315	Hooks and Eyes Alluminium 10 cms. Length	Each	22.00
336	M316	Hooks and Eyes Alluminium 15 cms. Length	Each	25.00
337	M317	Hooks and Eyes Alluminium 20 cms length	Each	36.00
338	M318	Hooks and Eyes C.P.Brass 10 cms. Length	Each	28.00
339	M319	Hooks and Eyes C.P.Brass 15 cms. Length	Each	39.00
340	M320	Hooks and Eyes C.P.Brass 20 cms length	Each	50.00
341	M321	Hooks and Eyes Iron oxidized 10 cms. Length	Each	8.00
342	M322	Hooks and Eyes Iron oxidized 15 cms. Length	Each	9.00
343	M323	Hooks and Eyes Iron oxidized 20 cms length	Each	10.00
344	M324	Indian Teak wood	cu.dm.	55.00
345	M325	Beading Indian Teak wood	cu.dm.	60.00
346	M326	Indicator Stone as per RCC Type Design	Each	268.00
347	M327	Indicator Stone as per Type Design	Each	99.00
348	M328	Integral W.P. compound (Liquid of standard quality) tested as per I.S. 2645 - 1975	Litre	85.00
349	M329	Inter Lock [Kadaka lock]	Each	245.00
350	M330	Iron bib tap 15mm. Dia	Each	32.00
351	M331	Iron bib tap 20mm. Dia	Each	42.00
352	M332	Iron Hinges 100 mm x 58 mm x 1.4 mm	10 Each	117.00
353	M333	Iron Hinges 100 mm x 58 mm x 1.9 mm	10 Each	122.00
354	M334	Iron Hinges 50 mm x 37 mm x 1.5 mm	10 Each	93.00
355	M335	Iron Hinges 75 mm x 47 mm x 1.7 mm	10 Each	103.00

Sr. No	Code	Description	Unit	Rate
356	M336	Iron Screws. 20 mm	100 Each	78.00
357	M337	Iron Screws. 30 mm	100 Each	103.00
358	M338	Iron Screws. 40 mm	100 Each	122.00
359	M339	Junction Equal double 100 mm dia	Each	33.00
360	M340	Junction Equal double 80 mm dia	Each	30.00
361	M341	Junction Equal Single 100 mm dia	Each	35.00
362	M342	Junction Equal Single 80 mm dia	Each	28.00
363	M343	Junction Board R.C.C.	Each	637.00
364	M344	Jute string	kg	59.00
365	M345	Kada (Indian) with English ball bearing.	Pair	249.00
366	M346	Kerosene	Litre	38.00
367	M347	Koda Iron	Each	135.00
368	M348	Latch (Tadi) as per sample approved sectional flats (Heavy) Alluminium 25 cms length & 16mm dia	Each	54.00
369	M349	Latch (Tadi) as per sample approved sectional flats (Heavy) Alluminium 30 cms length & 16mm dia	Each	68.00
370	M350	Latch (Tadi) as per sample approved sectional flats (Heavy) Alluminium 35 cms length & 16mm dia	Each	71.00
371	M351	Latch (Tadi) as per sample approved sectional flats (Heavy) Brass 20 cms. Length	Each	84.00
372	M352	Latch (Tadi) as per sample approved sectional flats (Heavy) Brass 25 cms. Length	Each	95.00
373	M353	Latch (Tadi) as per sample approved sectional flats (Heavy) Brass 30 cms length	Each	115.00
374	M354	Latch (Tadi) as per sample approved sectional flats (Heavy) Brass 35 cms length	Each	125.00
375	M355	Latch (Tadi) as per sample approved sectional flats (Heavy) C.P. Brass 20 cms. Length	Each	85.00
376	M356	Latch (Tadi) as per sample approved sectional flats (Heavy) C.P. Brass 25 cms. Length	Each	105.00
377	M357	Latch (Tadi) as per sample approved sectional flats (Heavy) C.P. Brass 30 cms length	Each	110.00
378	M358	Latch (Tadi) as per sample approved sectional flats (Heavy) C.P. Brass 35 cms length	Each	125.00
379	M359	Latch (Tadi) as per sample approved sectional flats (Heavy) Iron Oxidized 25 cms length & 16mm dia	Each	25.00
380	M360	Latch (Tadi) as per sample approved sectional flats (Heavy) Iron Oxidized 30 cms length & 16mm dia	Each	31.00
381	M361	Latch (Tadi) as per sample approved sectional flats (Heavy) Iron Oxidized 35 cms length & 16mm dia	Each	35.00
382	M362	Latch for steel window 25 cms to 35cms. Alluminium	Each	36.00
383	M363	Latch for steel window 25 cms to 35cms. Brass	Each	28.00
384	M364	Latch for steel window 25 cms to 35cms. Iron oxidized	Each	25.00
385	M365	Latch for steel window 25 cms to 35cms. Wrinkle finish	Each	35.00
386	M366	Light shade pigment	kg	81.00

Sr. No	Code	Description	Unit	Rate
387	M367	Lime gotton crystal	Quintal	357.00
388	M368	Limpet Washer	100 Each	35.00
389	M369	Linseed Oil	Litre	119.00
390	M370	Locks Baby latch brass chromium 75mm long.	Each	315.00
391	M371	Locks Bath room latch Navtal (Godrej)	Each	320.00
392	M372	Locks Godrej cupboard 3 (7.5 cms)	Each	120.00
393	M373	Locks Godrej Mortice lock cover	Each	385.00
394	M374	Locks Godrej Night latch	Each	150.00
395	M375	Locks Locker brass Navtal (Godrej) 75mm dia 7 lever with and set keys.	Each	250.00
396	M376	M.I. fisher Union 32 mm dia	Each	75.00
397	M377	M.I. fisher Union 40 mm dia	Each	84.00
398	M378	M.S. Fixed Plate Bearing	MT	51425.00
399	M379	M.S. Plate / Flat	Quintal	4284.00
400	M380	M.S. Road Sign Board / Village Name Board Non-Reflective Type	Each	1576.00
401	M381	M.S. Road Sign Board / Village Name Board Reflective Type	Each	2777.00
402	M382	M.S. Rocker Bearing	MT	51425.00
403	M383	M.S. Roller Bearing	MT	51425.00
404	M384	M.S. Sheet 1 mm thick	Quintal	4930.00
405	M385	M.S. village Name Board or Junction Board	Each	3156.00
406	M386	Manglore Tiles	1000 Each	3060.00
407	M387	Marble number Plate	Each char.	183.00
408	M388	Marble chips upto 4 mm size.	Quintal	870.00
409	M389	Marble Powder	cu.m.	1562.00
410	M390	Marble Slab 18 to 20 mm	sq.m.	701.00
411	M391	Marble Slab stone 25mm thick double polished	sq.m.	800.00
412	M392	Marble Slab Extra for mirror finishing on marble slab flooring	sq.m.	199.00
413	M393	Marble Slab Machine cut marble tiles 6mm thick 30cms x 15cms Mirror finish with chamfering and grove back	sq.m.	640.00
414	M394	Marble Slab Polished granite stone 20 to 25mm thick black	sq.m.	3000.00
415	M395	Marble Slab Polished granite stone 20 to 25mm thick Colour	sq.m.	4300.00
416	M396	Marble Slab Polished marble stone (Rajnagar or Makran 20mm. thick	sq.m.	850.00
417	M397	Marble Slab Polished marble stone Rajnagar Makarana 20mm size	sq.m.	850.00
418	M398	Marble Slab Polished marble stone Rajnagar Makarana 20mm size 180 x 60 cms.	sq.m.	1240.00
419	M399	Marble Slab Polished marble stone Rajnagar Makarana 20mm size 60 x 45 cms.	sq.m.	1150.00
420	M400	Marble Slab Polished marble stone Rajnagar Makarana 20mm size 90 x 60 cms.	sq.m.	1210.00
421	M401	Marble Slab White adango 180 x 60cms.	sq.m.	1050.00

Sr. No	Code	Description	Unit	Rate
422	M402	Marble Slab White adango 180x60 cms	sq.m.	1050.00
423	M403	Marble Slab White adango 20mm thick colour grey 60x60 cms.	sq.m.	950.00
424	M404	Marble Slab White adango 60 x 60 cm.	sq.m.	865.00
425	M405	Marble Slab White adango 60x45 cms.	sq.m.	830.00
426	M406	Marble Slab White adango 60x45cm.	sq.m.	830.00
427	M407	Marble Slab White adango 90x6 cm.	sq.m.	900.00
428	M408	Marble Slab White adango 90x60 cms.	sq.m.	1000.00
429	M409	Marble year Plate 20cm x 15cm. x 2.5cm	Each	183.00
430	M410	Marbo granite flooring tiles 8mm th.	sq.m.	380.00
431	M411	Medium shade pigment	kg	81.00
432	M412	Mild Steel Bars	Quintal	3150.00
433	M413	Munj for white washing	kg	30.00
434	M414	Murum/ binding Material	cu.m.	64.00
435	M415	Neo Prene Bearing (480 x 310 x 48 mm)	Cu.Cm.	1.03
436	M416	Nickel Plated bright finished M.S. Piano Hinges	Rmt	152.00
437	M417	Nickel plated finished M.S.Piano hinges Alluminium 19mm. width (15cm. Length)	Rmt	179.00
438	M418	Nickel plated finished M.S.Piano hinges Alluminium 25mm. width (15cm. Length)	Rmt	222.00
439	M419	Nickel plated finished M.S.Piano hinges BRASS 19mm. width 6 (15cm. Length)	Rmt	242.00
440	M420	Nickel plated finished M.S.Piano hinges BRASS 25mm. width 6(15cm. Length)	Rmt	246.00
441	M421	Nickel Plated screws 25 mm dia.	sq.m.	156.00
442	M422	Non Decorative type 25 mm thick Door Shutter	sq.m.	946.00
443	M423	Non Decorative type 35 mm thick Door Shutter	sq.m.	1250.00
444	M424	Non reflective solar contact film for fixing on glass.	sq.m.	475.00
445	M425	North Light Adjustable Ridge	Pair	95.00
446	M426	Off-set 50 mm - 100 mm dia	Each	25.00
447	M427	Off-set 50 mm - 80 mm dia	Each	21.00
448	M428	Off-set 75 mm - 100 mm dia	Each	26.00
449	M429	Off-set 75 mm - 80 mm dia	Each	21.00
450	M430	Oil bound distemper	kg	60.00
451	M431	Oil of 30 No.	Litre	183.00
452	M432	Omai plast for sunk Portion EP-101	kg	600.00
453	M433	Ordinary K.M. Stone (For NH.S.H. M.D.R)	Each	402.00
454	M434	Ordinary K.M. Stone Pre Cast R.C.C. Stone as per Type design (For NH.S.H.M.D.R.)	Each	714.00
455	M435	Ordinary K.M. Stone Pre Cast R.C.C. Stone as per Type design (ForO.D.R. & V.R.)	Each	625.00
456	M436	Ordinary K.M.Stone ForO.D.R. & V.R.)	Each	357.00
457	M437	P.V.C bib tap 15mm. Dia	Each	25.00
458	M438	P.V.C bib tap 20mm. Dia	Each	35.00
459	M439	P.V.C. flooring sheetP.V.C 2mm thick	sq.m.	440.00

Sr. No	Code	Description	Unit	Rate
460	M440	P.V.C. flooring sheetP.V.C. 2.5mm thick	sq.m.	580.00
461	M441	P.V.C. Nahni trap	Each	70.00
462	M442	P.V.C. Pipes 10 kgf / Sq.cm. 110 mm dia.	Rmt	323.00
463	M443	P.V.C. Pipes 10 kgf / Sq.cm. 50mm dia.	Rmt	105.00
464	M444	P.V.C. Pipes 10 kgf / Sq.cm. 75mm dia.	Rmt	189.00
465	M445	P.V.C. Pipes 10 kgf / Sq.cm. 20mm dia.	Rmt	26.00
466	M446	P.V.C. Pipes 10 kgf / Sq.cm. 25mm dia.	Rmt	37.00
467	M447	P.V.C. Pipes 10 kgf / Sq.cm. 32mm dia.	Rmt	47.00
468	M448	P.V.C. Pipes 10 kgf / Sq.cm. 40mm dia.	Rmt	70.00
469	M449	P.V.C. Pipes 6 kgf / Sq.cm. 110 mm dia.	Rmt	245.00
470	M450	P.V.C. Pipes 6 kgf / Sq.cm. 50mm dia.	Rmt	68.00
471	M451	P.V.C. Pipes 6 kgf / Sq.cm. 75mm dia.	Rmt	129.00
472	M452	P.V.C. Pipes 6 kgf / Sq.cm. 20mm dia.	Rmt	24.00
473	M453	P.V.C. Pipes 6 kgf / Sq.cm. 25mm dia.	Rmt	36.00
474	M454	P.V.C. Pipes 6 kgf / Sq.cm. 32mm dia.	Rmt	44.00
475	M455	P.V.C. Pipes 6 kgf / Sq.cm. 40mm dia.	Rmt	47.00
476	M456	Particle board sheet 12 mm thick	sq.m.	242.00
477	M457	Particle board sheet 19 mm thick	sq.m.	310.00
478	M458	Particle board sheet 25 mm thick	sq.m.	404.00
479	M459	Particle board sheet 35 mm thick	sq.m.	536.00
480	M460	Petrol	Litre	62.25
481	M461	Pillar tap 15mm dia	Each	309.00
482	M462	Pillar tap 20mm dia	Each	355.00
483	M463	Plain A.C. Sheet 6 mm thick	sq.m.	0.00
484	M464	Plain asbestos sheet 5mm thick	sq.m.	0.00
485	M465	Plain asbestos sheet 6mm thick	sq.m.	0.00
486	M466	Plain asbestos sheet 7mm thick	sq.m.	0.00
487	M467	Plain G.I. Sheet 1 mm thick	Quintal	5695.00
488	M468	Plain Glass sheet 3 mm thick	sq.m.	206.00
489	M469	Plain Glass sheet 4 mm thick	sq.m.	214.00
490	M470	Planks 30 mm thick Kail or equivalent soft wood	cu.dm.	25.00
491	M471	Planks 38 mm thick Kail or equivalent soft wood	cu.dm.	26.00
492	M472	Plastic Emulsion Paint	Litre	196.00
493	M473	Plate glass (Table glass) 5.5 mm with all edge polished .	sq.m.	355.00
494	M474	Plywood with both faces teak finished 12mm. thick	sq.m.	410.00
495	M475	Plywood with both faces teak finished 15mm. thick	sq.m.	490.00
496	M476	Plywood with both faces teak finished 18mm. thick	sq.m.	520.00
497	M477	Plywood with both faces teak finished 3mm. thick	sq.m.	200.00
498	M478	Plywood with both faces teak finished 4mm. thick	sq.m.	241.00
499	M479	Plywood with both faces teak finished 6mm. thick	sq.m.	215.00
500	M480	Plywood with both faces teak finished 8mm. thick	sq.m.	290.00
501	M481	Plywood designed with one side commercial and other side teak finished 12mm. thick	sq.m.	330.00
502	M482	Plywood designed with one side commercial and other side teak finished 15mm. thick	sq.m.	410.00

Sr. No	Code	Description	Unit	Rate
503	M483	Plywood designed with one side commercial and other side teak finished 18mm. thick	sq.m.	410.00
504	M484	Plywood designed with one side commercial and other side teak finished 6mm. thick	sq.m.	190.00
505	M485	Plywood designed with one side commercial and other side teak finished 8mm. thick	sq.m.	230.00
506	M486	Plywood sheet (both faces commerical) 3mm.	Rmt	150.00
507	M487	Plywood sheet (both faces commerical) 4mm.	Rmt	180.00
508	M488	Plywood sheet (both faces commerical) 6mm	Rmt	183.00
509	M489	Plywood sheet 9 mm thick (Commercial)	sq.m.	281.00
510	M490	Polished Kota Stone Slab Green. 25 mm thick	sq.m.	234.00
511	M491	Polished Kota Stone Slab Green. 30 mm thick	sq.m.	243.00
512	M492	Polished Kota Stone Slab Green. 40 mm thick	sq.m.	262.00
513	M493	Pre-cast Cement concrete tiles	sq.m.	89.00
514	M494	Precast RCC Jali 100 mm thick	sq.m.	206.00
515	M495	Precast RCC Jali 25 mm thick	sq.m.	131.00
516	M496	Precast RCC Jali 40 mm thick	sq.m.	150.00
517	M497	Precast RCC Jali 50 mm thick	sq.m.	159.00
518	M498	Precast RCC Jali 75 mm thick	sq.m.	187.00
519	M499	Pre-Moulded bituminous joint Filler 12mm size.	sq.m.	647.00
520	M500	Pre-Moulded bituminous joint Filler 20mm size	sq.m.	714.00
521	M501	Pre-Moulded bituminous joint Filler 25mm size	sq.m.	938.00
522	M502	Pulleys 25 mm dia.	Each	108.00
523	M503	Pulleys 38 mm dia.	Each	112.00
524	M504	Putty as per ISI specification for fixing glass on steel windows.	kg	40.00
525	M505	Quarry Spall.	cu.m.	84.00
526	M506	R.C.C Heavy Duty Non-Pressure pipe I.S. Class NP=2 150mm dia.	Rmt	120.00
527	M507	R.C.C Heavy Duty Non-Pressure pipe I.S. Class NP=2 250mm dia.	Rmt	175.00
528	M508	R.C.C Heavy Duty Non-Pressure pipe I.S. Class NP=2 300mm dia.	Rmt	309.00
529	M509	R.C.C Heavy Duty Non-Pressure pipe I.S. Class NP=2 1000mm dia.	Rmt	1590.00
530	M510	R.C.C Heavy Duty Non-Pressure pipe I.S. Class NP=2 450mm dia.	Rmt	561.00
531	M511	R.C.C Heavy Duty Non-Pressure pipe I.S. Class NP=2 500mm dia.	Rmt	655.00
532	M512	R.C.C Heavy Duty Non-Pressure pipe I.S. Class NP=2 900mm dia.	Rmt	1403.00
533	M513	R.C.C Heavy Duty Non-Pressure pipe I.S. Class NP=2 1100mm dia.	Rmt	1870.00
534	M514	R.C.C Heavy Duty Non-Pressure pipe I.S. Class NP=2 1200mm dia.	Rmt	1777.00

Sr. No	Code	Description	Unit	Rate
535	M515	R.C.C Heavy Duty Non-Pressure pipe I.S. Class NP=2 600mm dia.	Rmt	748.00
536	M516	R.C.C Heavy Duty Non-Pressure pipe I.S. Class NP=2 800mm dia.	Rmt	1122.00
537	M517	R.C.C Heavy Duty Non-Pressure Pipe I.S. Class NP=3 300mm dia.	Rmt	351.00
538	M518	R.C.C Heavy Duty Non-Pressure Pipe I.S. Class NP=3 450mm dia.	Rmt	678.00
539	M519	R.C.C Heavy Duty Non-Pressure Pipe I.S. Class NP=3 900mm dia.	Rmt	2057.00
540	M520	R.C.C Heavy Duty Non-Pressure Pipe I.S. Class NP=3 600mm dia.	Rmt	1075.00
541	M521	R.C.C Heavy Duty Non-Pressure Pipe I.S. Class NP=3 800mm dia.	Rmt	1613.00
542	M522	R.C.C Heavy Duty Non-Pressure Pipe I.S. Class NP=3 1100mm dia.	Rmt	3630.00
543	M523	R.C.C Heavy Duty Non-Pressure Pipe I.S. Class NP=3 1200mm dia.	Rmt	4180.00
544	M524	R.C.C Heavy Duty Non-Pressure Pipe I.S. Class NP=3 1400mm dia.	Rmt	5830.00
545	M525	R.C.C Heavy Duty Non-Pressure Pipe I.S. Class NP=3 1600mm dia.	Rmt	7770.00
546	M526	R.C.C Heavy Duty Non-Pressure Pipe I.S. Class NP=3 1800mm dia.	Rmt	9900.00
547	M527	Rajula Stone	Each	77.00
548	M528	Ready mixed Red Lead Paint	Litre	85.00
549	M529	Red Flag	Each	16.00
550	M530	Residual Bitumen	MT	6694.00
551	M531	RList Preventivet (Polymer Base)	kg	225.00
552	M532	RList Remover Com Primer (Polymer Base)	Litre	260.00
553	M533	Rolling shutter Rolling shutter having width below 3.5mt.	sq.m.	2248.00
554	M534	Rolling shutter Rolling shutter of G.I. sheet any size grill	sq.m.	1400.00
555	M535	Rolling shutters having width Above 3.5 Mt.	sq.m.	2967.00
556	M536	Resin (0.5kg Pkt.)	kg	95.00
557	M537	Rough Kotach stone Slab. 25 mm thick	sq.m.	173.00
558	M538	Rough Kotach stone Slab. 40 mm thick	sq.m.	234.00
559	M539	Rubber Plug	Each	15.00
560	M540	Rubble	cu.m.	148.00
561	M541	Rubble (Heavy) at not Less than 40 kg.	cu.m.	156.00
562	M542	S.W. Gulley Trap 150mm x 100 mm size.	Each	64.00
563	M543	S.W. guly trap 100 x 100 mm size	Each	43.00
564	M544	Salt natural	kg	9.00
565	M545	Sand paper 100Nos size	Doz.	40.00
566	M546	Sand paper 50 Nos. size	Doz.	36.00
567	M547	Sand paper 80Nos size	Doz.	36.00

Sr. No	Code	Description	Unit	Rate
568	M548	Screened gravel 10mm size	cu.m.	168.00
569	M549	Screened gravel 12mm size	cu.m.	168.00
570	M550	Sheet glass ordinary quality 3 mm thick	sq.m.	188.00
571	M551	Sheet glass ordinary quality 4 mm thick	sq.m.	198.00
572	M552	Sheet glass ordinary quality 5 mm thick	sq.m.	268.00
573	M553	Sheet glass ordinary quality 6 mm thick	sq.m.	295.00
574	M554	Shellac	kg	55.00
575	M555	Soft Brush.	Each	36.00
576	M556	Soft brushes 100 mm size	Each	250.00
577	M557	Soft brushes 20 mm size	Each	68.00
578	M558	Soft brushes 25 mm size	Each	76.00
579	M559	Soft brushes 40 mm size	Each	95.00
580	M560	Soft brushes 50mm size	Each	140.00
581	M561	Soft brushes 75 mm size	Each	190.00
582	M562	Spirit	Litre	51.00
583	M563	Spun Yarn	kg	48.00
584	M564	Standard shoe 100 mm dia	Each	28.00
585	M565	Standard shoe 80 mm dia	Each	25.00
586	M566	Stone dust	cu.m.	105.00
587	M567	Stone Slab 100mm thickness	sq.m.	310.00
588	M568	Stone ware pipes 100mm dia. 60cm. Long	Each	35.00
589	M569	Stone ware pipes 150mm dia. 60cm. Long	Each	50.00
590	M570	Structual steel M.S. Channel joints Tee Gusset Plate etc.	Quintal	4497.00
591	M571	Synthetic Enamel Paint	Litre	179.00
592	M572	T.Iron Bracket 40 mm x 40 mm x 6 mm	Quintal	4692.00
593	M573	T.M.T. Bars Fe- 415	Quintal	3600.00
594	M574	Taper G.S.W. Bend 100mm x 150mm	Each	73.00
595	M575	Terrazzo tiles chequered Dark Shade 22mm thick	sq.m.	125.00
596	M576	Terrazzo tiles chequered Light shade 22mm thick	sq.m.	134.00
597	M577	Terrazzo tiles chequered Dark shade 28 mm thick	sq.m.	139.00
598	M578	Terrazzo tiles chequered Light shade 28 mm thick	sq.m.	147.00
599	M579	Terrazzo tiles Dark shade 20 mm thick	sq.m.	107.00
600	M580	Terrazzo tiles Light shade 20 mm thick	sq.m.	116.00
601	M581	Terrazzo tiles grey cement base. Dark shade 20mm. thick	sq.m.	150.00
602	M582	Terrazzo tiles grey cement base. Light shade 20mm. thick	sq.m.	170.00
603	M583	Terrazzo tiles white cement base Dark shade 20mm thick	sq.m.	275.00
604	M584	Terrazzo tiles white cement base Light shade 20mm thick	sq.m.	225.00
605	M585	Thick Wire Brushes	Each	65.00
606	M586	Through & Bond Stone	Each	23.00
607	M587	Towel Rail Pair of C.P. Brass Brackets 60mm x 20mm	Each	355.00
608	M588	Turpentine	Litre	47.00
609	M589	Unscreened gravel	cu.m.	126.00
610	M590	Unslaked Lime	Quintal	170.00
611	M591	Urinal Flat Back	Each	437.00
612	M592	Urinal Ladies squatting pan	Each	675.00

Sr. No	Code	Description	Unit	Rate
613	M593	Urinal Squatting type	Each	501.00
614	M594	Urinal Stall type full size	Each	1800.00
615	M595	Urinal Stall type half size	Each	1300.00
616	M596	Varnish	Litre	72.00
617	M597	Vegetable black (Kajali) (0.5kg.Pkt.)	Pkt.	65.00
618	M598	Vision panel for Door	Each	34.00
619	M599	Vitryfied Granite tiles 8 mm to 10 m thick 24 x 24 size Dark Shade	sq.m.	412.00
620	M600	Vitryfied Granite tiles 8 mm to 10 m thick 36 x 36 size	sq.m.	842.00
621	M601	W.C. pipe 2m long 75 mm. dia	Each	0.00
622	M602	Waste Pipe for Wash basin C.P. 32 mm dia	Each	62.00
623	M603	Waste Pipe for Wash basin C.P. 40 mm dia	Each	82.00
624	M604	Water proofing materials Omaiseal of Bitumen base in semin-liquid form (cold applied)	Litre	80.00
625	M605	Water proofing materials of std. make in powder form	kg	6.30
626	M606	Water proofing materials Omaiseal for filling joints of C.I. Pipes .	kg	310.00
627	M607	Water proofing materials Omaiseal for filling joints of C.I. Pipes. Epoxy base	kg	510.00
628	M608	Water Proofing Cement Paint	kg	34.00
629	M609	Water proofing material heasion base self finish tar felt roll	sq.m.	55.00
630	M610	Water proofing materials	kg	43.00
631	M611	Water proofing materials of polyarethine on Aromatic Base	kg	375.00
632	M612	Water proofing materials of polyarethine on Elepantic base	kg	540.00
633	M613	Water proofing materials silicon baseWater repellent compound	Litre	245.00
634	M614	Welding Charge	Rmt	600.00
635	M615	White Bela stone (size to be measured)	No	28.05
636	M616	White Cement	MT	17000.00
637	M617	White Lime (White washing)	Quintal	420.00
638	M618	White Paint	Litre	174.00
639	M619	White vitriour china Wash down W.C. (European)	Each	592.00
640	M620	White vitrious china 100mm 'P' or 'S' trap	Each	87.00
641	M621	White vitrious china foot rest for W.C.	Pair	64.00
642	M622	White vitrious China Sink 600mm x 450mm x 150mm	Each	1455.00
643	M623	White vitrious ching W.C. sqatting pan (India type)	Each	341.00
644	M624	White vitrious ching W.C. sqatting pan Anglo Indian	Each	1550.00
645	M625	White vitrious ching W.C. sqatting pan European type	Each	592.00
646	M626	White vitrious ching W.C. sqatting pan Orrisa type 580 x 400 size	Each	800.00
647	M627	White Zinc powder (Zinc oxide)	kg	110.00
648	M628	White glazed tiles 15cm x 15cm x 6cm.	10 Each	64.00
649	M629	Whiting chalk	kg	5.53
650	M630	Wire Gauge Jali of 0.56 mm	sq.m.	161.00
651	M631	Wire Gauge Jali of 0.71 mm	sq.m.	206.00

Sr. No	Code	Description	Unit	Rate
652	M632	Wire spring grade No. 2 for Rolling Shutter 27.5 CM long	Each	640.00
653	M633	Wired figured glass 6.4 mm thick	sq.m.	366.00
654	M634	Wooden peg	Each	1.00
655	M635	Yellow clay (Italian type)	kg	9.00
656	M636	Iron Angle 75 x 75 x 6mm	kg	60.00
657	M637	Iron Angle for stand & frame	kg	50.00
658	M638	Surfacing gray coat process (Board)	sq.m.	20.00
659	M639	Retro reflective process (Board) (Eng. Grade)	sq.m.	30.00
660	M640	Screen Printing / Art work process (Board) (Eng.)	sq.m.	40.00
661	M641	Packing Forwarding and Transportation (No-Leg)	L.S	500.00
662	M642	Retro reflective precess (Board) (Hi-Intensity)	sq.m.	310.00
663	M643	Alluminium Sheet 2mm Thick	KGS.	135.00
664	M644	Dozer 80 HP with attachment	Hour	2600.00
665	M645	Fixing Charges	cu.m.	15.00
666	M646	Whiting	kg	5.53
667	M647	Precast Concrete Blocks (1:3:6) (39 X 20 X 19 CMS)	100 each	2261.00
668	M648	Flat iron bracket with bolts nuts bitumen & G	Each	107.00
669	M649	Teak reaper	Rmt	8.25
670	M650	MS Flat iron bracket	Each	37.00
671	M651	Plastic roofing compound	kg	16.00
672	M652	Nails 50mm long	kg	26.00
673	M653	C.I rainwater pipe 75mm dia.	Rmt	196.00
674	M654	Sand rainwater pipe 75mm dia.	Rmt	230.00
675	M655	Steel Plate & Angle	MT	44970.00
676	M656	Winch	Each	35110.00
677	M657	Chisel	Each	23000.00
678	M658	Sluge pump (Roller)	Each	181500.00
679	M659	Tubes	Set	18150.00
680	M660	Tripod & Wirerope	Set	145200.00
681	M661	Trimie pipe and Misc. Cassing	Set	114950.00
682	M662	Sheathing pipe 42mm St. of 7mm	Rmt	38.00
683	M663	C.I. Pipe 100mm Dia	Rmt	1380.00
684	M664	G.I. Pipe 100mm Dia	Rmt	800.00
685	M665	G.I. Pipe 50mm Dia A- Class	Rmt	330.00
686	M666	G.I. Pipe 40mm Dia A - Class	Rmt	300.00
687	M667	G.I. Coupling 50mm Dia A- Class	Rmt	95.00
688	M668	G.I. Coupling 40mm Dia A - Class	Rmt	48.00
689	M669	Hollow concrete blocks (Size 39 x 9 x 19 cms)	Each	18.00
690	M670	Hollow concrete blocks (Size 39 x 14 x 9 cms)	Each	23.00
691	M671	Hollow concrete blocks (Size 39 x 14 x 19 cms)	Each	26.50
692	M672	Pegs	Each	2.00
693	M673	Water Tanker 6 kl capacity	Hour	200.00
694	M674	R.S. Joists 350 x 200 x 6 @ 56.9 kg.	Quintal	4497.00
695	M675	12mm thick M.S. plate	Quintal	4497.00
696	M676	16mm Dia. rivets	Quintal	3300.00

Sr. No	Code	Description	Unit	Rate
697	M677	Principal rafter 100 x 100 x 10	Quintal	3300.00
698	M678	Gusset plate	Quintal	4497.00
699	M679	Ties (Flat)	Quintal	3300.00
700	M680	20mm holding down bolt	Quintal	3300.00
701	M681	M.S. Channel	Quintal	4497.00
702	M682	M.S Tee	Quintal	4497.00
703	M683	Flat iron diagonal 20 x 5mm	Quintal	5100.00
704	M684	Angle iron 40 x 40 x 6	Quintal	4497.00
705	M685	M.S. Angel	kg	46.75
706	M686	Alluminium section any size, powder coated	kg	200.00
707	M687	Alluminium section any size, anodized	kg	35.00
708	M688	Rubber gasket for glass beading	Rmt	9.00
709	M689	TMT Bar FE 500 D	Quintal	3675.00
710	M690	Vitrified Granite tiles 8 mm to 10 m thick 24" x 24 " size Antiskid	Sqm	485.00
711	M691	Vitrified Granite tiles 8 mm to 10 m thick 24" x 24 " size Light Shade	Sqm	366.00
712	M692	Weather proof acrylic exterior emulsion paint	Ltr	196.00
713	M693	R.C.C Heavy Duty Non-Pressure Pipe I.S.Class NP=4 300mm dia.	Meter	442.00
714	M694	R.C.C Heavy Duty Non-Pressure Pipe I.S.Class NP=4 450mm dia.	Meter	782.00
715	M695	R.C.C Heavy Duty Non-Pressure Pipe I.S.Class NP=4 600mm dia	Meter	1403.00
716	M696	R.C.C Heavy Duty Non-Pressure Pipe I.S.Class NP=4 900mm dia	Meter	2720.00
717	M697	R.C.C Heavy Duty Non-Pressure Pipe I.S.Class NP=4 1000mm dia	Meter	3400.00
718	M698	R.C.C Heavy Duty Non-Pressure Pipe I.S.Class NP=4 1200mm dia	Meter	4760.00
719	M699	R.C.C Heavy Duty Non-Pressure Pipe I.S.Class NP=4 1400mm dia	Meter	6588.00
720	M700	R.C.C Heavy Duty Non-Pressure Pipe I.S.Class NP=4 1600mm dia	Meter	8670.00
721	M701	R.C.C Heavy Duty Non-Pressure Pipe I.S.Class NP=4 1800mm dia	Meter	10795.00
722	M702	Glass bricks 19 x 19 x10 Cm	No.	98.00
723	M703	Glass Bricks 19 x 19 x8 Cm	No.	94.00
724	M704	Floor spring heavy duty	No.	2125.00
725	M705	S.S. Stopper 60 Cm long of ASIS 304	No.	425.00
726	M706	S.S. Stopper 30 Cm long of ASIS 304	No.	213.00
727	M707	S.S. Stopper 20 Cm long of ASIS 304	No.	149.00
728	M708	S.S. Aldrop 20 Cm long of ASIS 304 Grade	No.	255.00
729	M709	S.S. Aldrop 25 Cm long of ASIS 304 Grade	No.	383.00
730	M710	S.S. Aldrop 30 Cm long of ASIS 304 Grade	No.	468.00

Sr. No	Code	Description	Unit	Rate
731	M711	S.S. Handle for door/ window 10 Cm size of ASIS 304 Grade	No.	64.00
732	M712	S.S. Handle for Door 15 Cm size of ASIS 304 Grade	No.	89.00
733	M713	S.S. Pipe Handle for door 30 Cm size o ASIS 316 Grade	No.	1020.00
734	M714	S.S. Railing pipe 50 mm x 16 G ASIS 304 Grade	Rmt	1185.00
735	M715	S.S. Rialing Sq pipe 32x32 mm x 16G ASIS 304 Grade	Rmt	536.00
736	M716	S.S. Railing pipe 16 mm x 16G ASIS 304 Grade	Rmt	432.00
737	M717	C.P. Pillar cock 15 mm Heavy duty swan neck	No.	757.00
738	M718	C.P. Angle stop cock 15 mm Heavy duty with cap	No.	476.00
739	M719	C.P. Bib cock 15 mm Heavy duty with cap	No.	468.00
740	M720	Concealed cock 15 mm Heavy duty with cap	No.	574.00
741	M721	Glass 12 mm thick	Sqmtr	961.00
742	M722	Glass 10 mm thick	Sqmtr	820.00
743	M723	Glass 8 mm thick	Sqmtr	638.00
744	M724	Labour Charges half round edge for Granite	Rmt	85.00
745	M725	Labour Charges Quarter round edge for granite	Rmt	51.00
746	M726	Labour Charges edge finished for Granite	Rmt	43.00
747	M727	Labour Charges half round edge for Kota/Marble	Rmt	51.00
748	M728	Labour charges quarter round edge for Kota/ Marble	Rmt	34.00
749	M729	SS Sink Glosy ASIS 304 Grade x 1mm thick with over all size 610x460 mm & bowl size 560x410x200	No.	2210.00
750	M730	SS Sink Glosy ASIS 304 Grade x 1mm thick with over all size 510x432mm & bowl size 445x368x190	No.	1530.00
751	M731	SS Sink Glosy ASIS 304 Grade x 1mm thick with over all size 485x410 mm & bowl size 410x365x165	No.	1318.00
752	M732	Alluminium Composite pannel 3 mm thick	Sqmtr	765.00
753	M733	Alluminium Composite Pannel 4 mm thick	Sqmtr	850.00
754	M734	Multy wall plycarbonate sheet 6 mm thick	Sqmtr	1080.00
755	M735	S.S. Door / window hinges 4x1"x1"	No.	64.00
756	M736	S.S. Door / Window hinges 4x3/4"x3/4"	No.	26.00
757	M737	S.S. Door / Window hinges 3x3/4"x3/4"	No.	21.00
758	M738	Jet spray heavy duty with S.S. Braided hose 60 cm long	No.	361.00
759	M739	Health Fauset Heavy duty with hook with fitting	No.	680.00
760	M740	Precast concrete block of C.C.1:3:6	100 Nos.	2261.00
761	M741	Alluminium fixtures and fstenings.	No.	176.00
762	M742	Iron fixtures and fstenings.	No.	78.00
763	M743	35 mm thick shutters	Cu.Dm.	43.00
764	M744	Tiles size 15 cm x 15 cm (Glazed)	10 Nos.	64.00
765	M745	Flat iron bracket with nuts, bolts, bitumen and G.I. Washers.	Each	107.00
766	M746	M.S. flat iron bracket	Each	37.00
767	M747	Plastic proofing compound.	Kg.	16.00
768	M748	Teak reaper	Meter.	8.25
769	M749	Nails 50 mm long.	Kg.	26.00
770	M750	C.I.75 mm diameter rain water pipe	Rmt.	196.00
771	M751	Whiting cholk	Kg.	5.53

Sr. No	Code	Description	Unit	Rate
772	M752	Flatting varnish	Liter	79.00
773	M753	Insecticides.	Liter	309.00
774	M754	Aeronex powder	Kg.	14.00
775	M755	D.D.V.P.	Liter	271.00
776	M756	Heptachlor	Liter	271.00
777	M757	Melethione	Liter	271.00
778	M758	Acetone	Liter	271.00
779	M759	Pags	Each	2.00
780	M760	Galvanised M.S. Tee	Each	150.00
781	M761	Galvanised M.S. 5 mm nut.	Each	28.00
782	M762	A.C. rain water pipe 75 mm diameter (1.8 meter long)	Rmt.	26.00
783	M763	A.C. rain water pipe 100 mm diameter (1.8 meter long)	Rmt.	30.00
784	M764	M.S. iron bracket	Each	24.00
785	M765	G.I. inlet connection	Each	14.00
786	M766	Brass screw down stop tap 20 mm dia	Each	204.00
787	M767	Brass screw down stop tap 25 mm dia	Each	221.00
788	M768	Gun metal wheel valve (i) 15 mm diameter.	Each	187.00
789	M769	Gun metal wheel valve (i) 20 mm diameter.	Each	204.00
790	M770	Gun metal wheel valve (i) 35 mm diameter.	Each	315.00
791	M771	Chromium plated 20 mm diameter half turn flush cock.	Each	255.00
792	M772	Chromium plated 25 mm diameter half turn flush cock.	Each	264.00
793	M773	Chromium plated 32 mm diameter half turn flush cock.	Each	276.00
794	M774	Cromium plated bottle trap.	Each	281.00
795	M775	Ball cock of copper 25 mm diameter	Each	133.00
796	M776	Ball cock of copper 50 mm diameter	Each	190.00
797	M777	Ball cock of abonite 25 mm diameter	Each	103.00
798	M778	Ball cock of abonite 50 mm diameter	Each	138.00
799	M779	Gully trap 100mm x 100 mm size.	Each	43.00
800	M780	I.S. Class NP2 Heavy duty Non- Pressure Pipe (i) 250 mm diameter	Rmt.	275.00
801	M781	1.80 mm thick FRP sheet	Sqmtr	255.00
802	M782	Plywood all proof (IS 710) 6 mm	Sqmtr	384.00
803	M783	Plywood all proof (IS 710) 8/9 mm	Sqmtr	446.00
804	M784	Plywood all proof (IS 710) 12 mm	Sqmtr	503.00
805	M785	Plywood all proof (IS 710) 16 mm	Sqmtr	690.00
806	M786	Plywood all proof (IS 710) 18/19 mm	Sqmtr	778.00
807	M787	Laminated sheet 0.80 mm thick	Sqmtr	255.00
808	M788	Laminated sheet 1.00 mm thick	Sqmtr	404.00
809	M789	CPVC Pipe SDR 13.5 - 15 mm daimeter (1/2)"	Rmt	46.00
810	M790	CPVC Pipe SDR 13.5 - 20 mm daimeter (3/4)"	Rmt	73.00
811	M791	CPVC Pipe SDR 13.5 - 25 mm daimeter (1)"	Rmt	101.00
812	M792	CPVC Pipe SDR 13.5 - 32 mm daimeter (1 1/4)"	Rmt	149.00
813	M793	CPVC Pipe SDR 13.5 - 40 mm daimeter (1 1/2)"	Rmt	204.00
814	M794	CPVC Pipe SDR 13.5 - 50 mm daimeter	Rmt	335.00
815	M795	CPVC Pipe jointing solution 50 ml	each	46.00

Sr. No	Code	Description	Unit	Rate
816	M796	U PVC SCH40 for cold water 15 mm dia(1/2)"	Rmt	25.00
817	M797	U PVC SCH40 for cold water 20 mm dia (3/4)"	Rmt	32.00
818	M798	U PVC SCH40 for cold water 25 mm dia (1)"	Rmt	50.00
819	M799	U PVC SCH40 for cold water 32 mm dia (1 1/4)"	Rmt	65.00
820	M800	U PVC SCH40 for cold water 40 mm dia (1 1/2)"	Rmt	82.00
821	M801	U PVC SCH40 for cold water 50 mm dia (2)"	Rmt	112.00
822	M802	UPVC Pipe jointing solution 50 ml	each	78.00
823	M803	PVC SWR pipes IS 13592 for Drain - 75 mmdia	Rmt	169.00
824	M804	PVC SWR pipes IS 13592 for Drain - 90 mmdia	Rmt	238.00
825	M805	PVC SWR pipes IS 13592 for Drain - 110 mmdia	Rmt	310.00
826	M806	PVC SWR pipes IS 13592 for Drain - 160 mmdia	Rmt	602.00
827	M807	PVC SWR Nani Trap IS 14735 for Drain -75 mm dia with jali	No	80.00
828	M808	PVC SWR Nani Trap IS 14735 for Drain -100 mm dia with jali	No	88.00
829	M809	PVC SWR P- Trap IS 14735 for Drain -110x110	No	186.00
830	M810	PVC SWR P- Trap IS 14735 for Drain -125x110	No	221.00
831	M811	PVC SWR S- Trap IS 14735 for Drain -110x110	No	328.00
832	M812	PVC SWR S- Trap IS 14735 for Drain -125x110	No	349.00
833	M813	PVC SWR Single Y" - 75 mm dia"	No	68.00
834	M814	PVC SWR Single Y" -110 mm dia"	No	130.00
835	M815	PVC SWR Double Y" - 75 mm dia"	No	98.00
836	M816	PVC SWR Double Y" -110 mm dia"	No	173.00
837	M817	PVC SWR Single T" - 75 mm dia"	No	57.00
838	M818	PVC SWR Single T" -110 mm dia"	No	104.00
839	M819	PVC SWR Gully Trap 160 x 110	No	338.00
840	M820	PVC SWR Single Y" - 75 mm dia With Door"	No	90.00
841	M821	PVC SWR Single Y" -110 mm dia With Door"	No	161.00
842	M822	PVC SWR Double Y" - 75 mm dia With Door"	No	125.00
843	M823	PVC SWR Double Y" -110 mm dia With Door"	No	204.00
844	M824	PVC SWR Single T" - 75 mm dia With Door"	No	69.00
845	M825	PVC SWR Single T" -110 mm dia With Door"	No	128.00
846	M826	PVC SWR Reducer 110 x 75	No	51.00
847	M827	PVC SWR Piipe clamp 75 mm	No	10.00
848	M828	PVC SWR Piipe clamp 110 mm	No	15.00
849	M829	PVC SWR Piipe Bend 87.5 degree with door for 75 mm diameter	No	44.00
850	M830	PVC SWR Piipe Bend 87.5 degree with door for 90 mm diameter	No	66.00
851	M831	PVC SWR Piipe Bend 87.5 degree with door for 110 mm diameter	No	73.00
852	M832	PVC SWR WC Connector 110 mm	No	150.00
853	M833	PVC SWR LIP RING 110 X 110	No	27.00
854	M834	PVC SWR LIP RING 110 X 125	No	33.00
855	M835	PVC SWR Vent Cowl 75 mm dia	No	11.00

Sr. No	Code	Description	Unit	Rate
856	M836	PVC SWR Vent Cowl 110 mm dia	No	23.00
857	M837	PVC SWR Coupler 75 mm dia	No	33.00
858	M838	PVC SWR Coupler 110 mm dia	No	53.00
859	M839	PVC SWR Piipe Bend 45 degree 75 mm dia	No	37.00
860	M840	PVC SWR Piipe Bend 45 degree 110 mm dia	No	69.00
861	M841	R.C.C Heavy Duty Non-Pressure Pipe I.S. Class NP=3 casted by Vertically Vibrated Technology -300mm dia.	Rmt	571.00
862	M842	R.C.C Heavy Duty Non-Pressure Pipe I.S. Class NP=3 casted by Vertically Vibrated Technology -450mm dia.	Rmt	877.00
863	M843	R.C.C Heavy Duty Non-Pressure Pipe I.S. Class NP=3 casted by Vertically Vibrated Technology -500mm dia.	Rmt	1115.00
864	M844	R.C.C Heavy Duty Non-Pressure Pipe I.S. Class NP=3 casted by Vertically Vibrated Technology -600mm dia.	Rmt	1261.00
865	M845	R.C.C Heavy Duty Non-Pressure Pipe I.S. Class NP=3 casted by Vertically Vibrated Technology -900mm dia.	Rmt	2284.00
866	M846	R.C.C Heavy Duty Non-Pressure Pipe I.S. Class NP=3 casted by Vertically Vibrated Technology -1000mm dia.	Rmt	3832.00
867	M847	R.C.C Heavy Duty Non-Pressure Pipe I.S. Class NP=3 casted by Vertically Vibrated Technology -1200mm dia.	Rmt	5046.00
868	M848	R.C.C Heavy Duty Non-Pressure Pipe I.S. Class NP=3 casted by Vertically Vibrated Technology -1400mm dia.	Rmt	6554.00
869	M849	R.C.C Heavy Duty Non-Pressure Pipe I.S. Class NP=4 casted by Vertically Vibrated Technology -300mm dia.	Rmt	581.00
870	M850	R.C.C Heavy Duty Non-Pressure Pipe I.S. Class NP=4 casted by Vertically Vibrated Technology -450mm dia.	Rmt	991.00
871	M851	R.C.C Heavy Duty Non-Pressure Pipe I.S. Class NP=4 casted by Vertically Vibrated Technology -500mm dia.	Rmt	1413.00
872	M852	R.C.C Heavy Duty Non-Pressure Pipe I.S. Class NP=4 casted by Vertically Vibrated Technology -600mm dia.	Rmt	1893.00
873	M853	R.C.C Heavy Duty Non-Pressure Pipe I.S. Class NP=4 casted by Vertically Vibrated Technology -900mm dia.	Rmt	4055.00
874	M854	R.C.C Heavy Duty Non-Pressure Pipe I.S. Class NP=4 casted by Vertically Vibrated Technology -1000mm dia.	Rmt	5001.00
875	M855	R.C.C Heavy Duty Non-Pressure Pipe I.S. Class NP=4 casted by Vertically Vibrated Technology -1200mm dia.	Rmt	6958.00
876	M856	R.C.C Heavy Duty Non-Pressure Pipe I.S. Class NP=4 casted by Vertically Vibrated Technology -1400mm dia.	Rmt	8922.00
877	M857	Vitryfied tiles 8 mm to 10 m thick 600 X600 MM size Light shed	sq.m.	366.00
878	M858	Anodised to Alluminium section	kg	43.00
879	M859	Darkshed pigment	kg	76.00
880	M860	Belt clamp 80mm	Each	13.00
881	M861	Belt clamp 100mm	Each	18.00
882	M862	Off-set 75 mm - 80 mm dia	Each	21.00
883	M863	G.S.W. bend 150 mm	Each	60.00

Sr. No	Code	Description	Unit	Rate
884	M864	Anodised Aluminum Butt hinges 75 mm x63 mm x 3.2 mm	10 Each	157.00
885	M865	R.C.C Heavy Duty Non-Pressure pipe I.S.Class NP=2 750mm dia.	Rmt	1122.00
886	M866	R.C.C Heavy Duty Non-Pressure Pipe I.S.Class NP=3 900mm dia.	Rmt	2057.00
887	M867	Brick bats 20mm	cu.m.	153.00
888	M868	D D V P	Litre	271.00
889	M869	Heptachlor	Litre	271.00
890	M870	Melethione	Litre	271.00
891	M871	Acetone	Litre	271.00
892	M872	Pre-Moulded Asphalt joint Filler 20mm size	Rmt	714.00
893	M873	100 mm thick SIL FLEX (Capcell HD 100) expansion joint filler board in sheet foam	sqm	30.00
894	M874	Hydrocell XL semi rigid UV resistance high performance laminated closed cell polythene foam joint filler in sheet foam	sqm	30.00
895	M875	Expansion joint sealing System on 100 mm Wide	sqm	4800.00
896	M876	Polysulphide material density of material 1650 Kg/m3	Kg	448.00
897	M877	PU foam expancell.	Rmt	32.00
898	M878	4mm thick exterior composite panel	sqm	1000.00
899	M879	Anodized Alluminium Groove member For top fix glass. Sec:4431	Kg	250.00
900	M880	Powder coated Alluminium Groove member For top fix glass.Sec:4431	Kg	250.00
901	M881	Anodized Alluminium Horizontal four track Section :8787, 122.20 x 31.75 x 1.10 mm @ Wt. 1.205 Kg/mt	Kg	250.00
902	M882	Powder coated Alluminium Horizontal four track Section :8787, 122.20 x 31.75 x 1.10 mm @ Wt. 1.205 Kg/mt	Kg	250.00
903	M883	Anodized Alluminium Horizontal Shutter Section 8947, 40.00 x 18.00 x 1.29 mm @ Wt. 0.456 Kg/mt	Kg	250.00
904	M884	Anodized Alluminium Horizontal three track Section :92mm x 31.75mm x 1.30mm (of Jindal Section no:8688,@ Wt. 1.07 Kg/mt)	Kg	250.00
905	M885	Powder coated Alluminium Horizontal three track Section :92mm x 31.75mm x 1.30mm (of Jindal Section no:8688,@ Wt. 1.07 Kg/mt)	Kg	250.00
906	M886	Anodized Alluminium Horizontal Two track Section :8687, 61.85 x 31.75 x 1.20 mm @ Wt. 0.695 Kg/mt	Kg	250.00
907	M887	Powder coated Alluminium Horizontal Two track Section :8687, 61.85 x 31.75 x 1.20 mm @ Wt. 0.695 Kg/mt	Kg	250.00
908	M888	Anodized Alluminium Vertical four track Section :8935, 122.20 x 31.75 x 1.50 mm @ Wt. 1.398 Kg/mt	Kg	250.00
909	M889	Powder coated Alluminium Vertical four track Section :8935, 122.20 x 31.75 x 1.50 mm @ Wt. 1.398 Kg/mt	Kg	250.00

Sr. No	Code	Description	Unit	Rate
910	M890	Anodized Alluminium Vertical Shutter Section 8949, 40.00 x 18.00 x 1.29 mm @ Wt. 0.456 Kg/mt	Kg	250.00
911	M891	Powder coated Alluminium Vertical Shutter Section 8949, 40.00 x 18.00 x 1.29 mm @ Wt. 0.456 Kg/mt	Kg	250.00
912	M892	Anodized Alluminium Vertical Shutter Section 8948, 40.00 x 18.00 x 1.29 mm @ Wt. 0.547 Kg/mt	Kg	250.00
913	M893	Powder coated Alluminium Vertical Shutter Section 8948, 40.00 x 18.00 x 1.29 mm @ Wt. 0.547 Kg/mt	Kg	250.00
914	M894	Anodized Alluminium Vertical three track Section :92mm x 31.75mm x 1.50mm (of Jindal Section no:8933,@ Wt. 1.06 Kg/mt)	Kg	250.00
915	M895	Powder coated Alluminium Vertical three track Section :92mm x 31.75mm x 1.50mm (of Jindal Section no:8933,@ Wt. 1.06 Kg/mt)	Kg	250.00
916	M896	Anodized Alluminium Vertical Shutter Section 8947, 40.00 x 18.00 x 1.29 mm @ Wt. 0.456 Kg/mt	Kg	250.00
917	M897	Powder coated Alluminium Vertical Shutter Section 8947, 40.00 x 18.00 x 1.29 mm @ Wt. 0.456 Kg/mt	Kg	250.00
918	M898	Anodized Alluminium Vertical Two track Section :8758, 61.85 x 31.75 x 1.30 mm @ Wt. 0.659 Kg/mt	Kg	250.00
919	M899	Powder coated Alluminium Vertical Two track Section :8758, 61.85 x 31.75 x 1.30 mm @ Wt. 0.659 Kg/mt	Kg	250.00
920	M900	Anodized Aluminium , Section :2443, 127.00 x 38.10 x 1.35 mm @ Wt.1.384 Kg/mt	Kg	250.00
921	M901	Powder coated Alluminium Section :2443, 127.00 x 38.10 x 1.35 mm @ Wt.1.384 Kg/mt	Kg	250.00
922	M902	Anodized Alluminium 95mm x 24mm x 1.17mm (of Jindal Section no:2459 @ wt.of 0.738Kg/mt)	Kg	250.00
923	M903	Powder coated Alluminium 95mm x 24mm x 1.17mm (of Jindal Section no:2459 @ wt.of 0.738Kg/mt)	Kg	250.00
924	M904	Anodized Alluminium Section 63.50 x 38.10 x 1.2 mm @ Wt. 0.643 Kg/mt	Kg	250.00
925	M905	Powder coated Alluminium Section 63.50 x 38.10 x 1.2 mm @ Wt. 0.643 Kg/mt	Kg	250.00
926	M906	Beading clips Size 19.00 x 17.30 x 0.90 mm @ Wt. 0.124 Kg/mt.	Kg	250.00
927	M907	Pre-cast kerb block M250 Grade	Rmt.	200.00
928	M908	Paver block M200 Grade 60mm Thick	sqm	390.00
929	M910	Paver block M250 Grade 60mm Thick	sqm	445.00
930	M911	Glzed tiles piece wastage.	sqm	75.00
931	M912	Polycarbonate multi wall Roofing sheet	sqm	1080.00
932	M913	Hardware material hilti screw and rubber silicon sealer and alluminium strip of size 50 x 3 mm	sqm	363.15
933	M914	Birla or Asian acrylic lapy (putty)	sqm	21.52
934	M915	wall primer of approved brand	sqm	19.30

Sr. No	Code	Description	Unit	Rate
935	M916	PVC water tank	litre	3.75
936	M917	Plasticizer 300 ml of 50 kg cement	liter	30.00
937	M918	Sunext 8 (3 coat)	sqmr.	21.00
938	M919	1. 12 mm thick CAPCELL HD - 100 pre-moulded compressible filler board	sqm	300.00
939	M920	1. 20 mm thick CAPCELL HD - 100 pre-moulded compressible filler board	sqm	500.00
940	M921	1. 40 mm thick CAPCELL HD - 100 pre-moulded compressible filler board	sqm	1000.00
941	M922	1. 12mm x 10 mm sealant for 12 mm thick pre-moulded compressible filler board	kg	465.00
942	M923	1. 20mm x 10 mm sealant for 20 mm thick pre-moulded compressible filler board	kg	465.00
943	M924	Aerated light weight concrete block 600 x 200 x 200 mm	Nos.	88.80
944	M925	1. 15 mm diameter backup rod	m	6.75
945	M926	1. 20 mm diameter backup rod	m	11.25
946	M927	1. 30 mm diameter backup rod	m	13.50
947	M928	1. 50 mm diameter backup rod	m	45.00
948	M929	1. 60 mm diameter backup rod	m	60.00
949	M930	PPGI Sheet (0.5 mm Thk) (100+100+10 wt. of 0.82425 per no.)	Nos.	75.00
950	M931	PPGI Sheet (0.5 mm Thk) (150+150+10 wt. of 1.21675 per no.)	Nos.	75.00
951	M932	1. 15 mm diameter CPVC (SDR 13.5) PIPE with fittings like lbow, tee	Meter	54.00
952	M933	1. 20 mm diameter CPVC (SDR 13.5) PIPE	Meter	86.00
953	M934	1. 25 mm diameter CPVC (SDR 13.5) PIPE	Meter	119.00
954	M935	1. 32 mm diameter CPVC (SDR 13.5) PIPE	Meter	175.00
955	M936	1. 40 mm diameter CPVC (SDR 13.5) PIPE	Meter	240.00
956	M937	1. 50 mm diameter CPVC (SDR 13.5) PIPE	Meter	394.00
957	M938	15mm dia. U.P.V.C. Pipe ((SCH- 40) length = 12.0 mt	Rmt	29.00
958	M939	25mm dia. U.P.V.C. Pipe ((SCH- 40) length = 12.0 mt	Rmt	59.00
959	M940	32mm dia. U.P.V.C. Pipe ((SCH- 40) length = 12.0 mt	Rmt	76.00
960	M941	40mm dia. U.P.V.C. Pipe ((SCH- 40) length = 12.0 mt	Rmt	96.00
961	M942	50mm dia. U.P.V.C. Pipe ((SCH- 40) length = 12.0 mt	Rmt	132.00
962	M943	Clamps including Nails	Nos	5.00
963	M944	Solution 50 ml adhesive solvent	Nos	92.00
964	M945	3. Clamps	No.	111.00
965	M946	4. Solution	No.	18.00
966	M947	1. 160 dia UPVC pipe	Rmt	708.00
967	M948	2. Plug		0.00
968	M949	5. Jani Hails	ml	92.00
969	M950	30mm thick PUF Insulated continuous sandwich panels (0.5 mm thick pre coated GI sheet on both side of Polyurethane foam with external face being corrugated)	Sqm	1343.75

Sr. No	Code	Description	Unit	Rate
970	M951	30mm thick PUF Insulated continuous sandwich panels(0.35 mm thick pre coated GI sheet on both side of Polyurethane foam with external face being corrugated)	Sqm	1161.00
971	M952	50mm thick PUF Insulated continuous sandwich panels(0.50 mm thick pre coated GI sheet on both side of Polyurethane foam with external face being corrugated)	Sqm	1374.00
972	M953	50mm thick PUF Insulated continuous sandwich panels(0.35 mm thick pre coated GI sheet on both side of Polyurethane foam with external face being corrugated)	Sqm	1182.00
973	M954	40mm thick PUF Insulated continuous sandwich panels(0.5 mm thick pre coated GI sheet on both side of Polyurethane foam with external face being corrugated)	Sqm	1325.00
974	M955	40mm thick PUF Insulated continuous sandwich panels(0.35 mm thick pre coated GI sheet on both side of Polyurethane foam with external face being corrugated)	Sqm	1133.00
975	M956	RHS 122 x 61 x 3.6 (2904mm)	Kg	60.00
976	M957	8mm Plate (122 X 61mm)	Kg	48.00
977	M958	8mm Plate (300 x 300)	Kg	48.00
978	M959	8mm Plate (100 x 75)	Kg	48.00
979	M960	8mm Plate (110 x 70)	Kg	48.00
980	M961	PPGI Sheet 52mm x 30mm (0.5 mm Thk)	Nos.	75.00
981	M962	Machineing Charge for making continous Profiling for PPGI Sheet 52mm x 30mm (0.5 mm Thk)	Rmt	60.00
982	M964	Machineing Charge for making continous Profiling PPGI Sheet 42mm x 30mm (0.5 mm Thk)	Rmt	60.00
983	M965	PPGI Sheet 42mm x 30mm (0.5 mm Thk)	Nos.	75.00
984	M967	PPGI Sheet 1000mm x 600mm (0.5 mm Thk)	Nos.	75.00
985	M969	PPGI Sheet 1000mm x 600mm (0.5 mm Thk)	Nos.	75.00
986	M970	Machineing Charge for making continous Profiling PPGI Sheet 1000mm x 600mm (0.5 mm Thk)	Rmt	520.00
987	M971	PPGI Sheet End Cap for 30mm thick panel (0.5 mm Thk)	Nos.	75.00
988	M973	PPGI Sheet End Cap for 40mm thick panel (0.5 mm Thk)	Nos.	75.00
989	M975	PPGI Sheet Corner Angle 25x25 for Various Flashing (0.5 mm Thk)	Nos.	75.00
990	M977	PPGI Sheet Corner Angle 50x50 for Various Flashing (0.5 mm Thk)	Nos.	75.00
991	M979	PPGI Sheet Corner Angle 100x100 for Various Flashing (0.5 mm Thk)	Nos.	75.00
992	M981	PPGI Sheet Corner Angle 150x150 for Various Flashing (0.5 mm Thk)	Nos.	75.00
993	M983	Silane Nanotechnology	Kg	800.00
994	M984	Acrylic copolymer	Kg	250.00
995	M985	Water	Kg	0.25
996	M986	Water tanker with pressure distributor/sprayer	hrs	500.00
997	M987	Silane Nanotechnology (for bitumen emulsion application)	Kg	1250.00

Sr. No	Code	Description	Unit	Rate
998	M988	BT Metal 25 to 40 MM & Aggregate 13.2 and down chips & SD including conveyence	Cum	920.19
999	M989	Silane Nanotechnology Z	Kg	1400.00
1000	M990	Light weight Calcium Silicate tegular edged 595X595 Modular Acoustical ceiling tiles with 15 mm Thick Densified edges including 5% wastage	Sqm	950.00
1001	M991	Galvanized Steel main Tee ceiling section Size 24x38x0.33mm (3 metre long)	Each	180.00
1002	M992	Galvanized Steel perimeter wall Angle Size 24 x 24 x 0.40 mm (3.00 metre long)	Each	170.50
1003	M993	Galvanized Steel intermediate cross T section Size 24 x 28 x 0.30 mm (1.2 metre long)	Each	90.00
1004	M994	Galvanized Steel intermediate cross T section Size 24 x 28 x 0.30 (0.6 metre long)	Each	45.10
1005	M995	Hanger rod 4mm thick	Each	7.00
1006	M996	Level Adjustment clip Size 85x30x0.8 mm	Each	6.00
1007	M997	Dash fastener 12.5 mm dia 50 mm long	Each	48.00
1008	M998	Soffit cleat 25mmx35mmx1.60mm	Each	3.00
1009	M999	Wooden screws with plastic rawl plugs 35mm x 8mm,	Each	1.00
1010	I001	Decling and Degresing (Board)	sq.m.	52.50
1011	I002	Descling and Degresing (Stand & Frame) any size and shape	Rmt	22.00
1012	I003	Epoxy Coating (Board)	sq.m.	310.00
1013	I004	Epoxy Coating (Stand & Frame)	Rmt	103.00
1014	I005	Epoxy Primer Coating (Board)	sq.m.	31.90
1015	I006	Epoxy Primer Coating (Stand & Frame)	Rmt	31.90

CHAPTER NO : 2 : BASIC RATES FOR LABOUR

Sr. No	Code	Labour	Unit	Rate
1	L001	Labour charges - Bandhani	Each	286.00
2	L002	Labour charges - Bhisti	Each	294.40
3	L003	Labour charges - Blacksmith 1st Class	Each	303.00
4	L004	Labour charges - Blacksmith 2nd Class	Each	294.40
5	L005	Labour charges - Breaker	Each	286.00
6	L006	Labour charges - Bullock with Driver to Mortar Mill	Each	294.40
7	L007	Labour charges - Carpenter 1st Class	Each	303.00
8	L008	Labour charges - Carpenter 2nd Class	Each	294.40
9	L009	Labour charges - Chowkidar	Each	286.00
10	L010	Labour charges - Compressor Operator	Each	294.40
11	L011	Labour charges - Crane operator with Helper	Each	580.40
12	L012	Labour charges - Excavator	Each	286.00
13	L013	Labour charges - Extra labar sinking and chisselling	Each	2009.00
14	L014	Labour charges - Fitter	Each	294.40
15	L015	Labour charges - Glazier	Each	294.40
16	L016	Labour charges - Handcart with Mazdoor	Each	400.60
17	L017	Labour charges - Hole Driller	Each	286.00
18	L018	Labour charges - Mason 1st Class	Each	303.00
19	L019	Labour charges - Mason 2nd Class	Each	294.40
20	L020	Labour charges - Mate	Each	286.00
21	L021	Labour charges - Mazdoor (Female)	Each	286.00
22	L022	Labour charges - Mazdoor (Male)	Each	286.00
23	L023	Labour charges - Mistry	Each	294.40
24	L024	Labour charges - Painter	Each	294.40
25	L025	Labour charges - Plumber (Fitter)	Each	303.00
26	L026	Labour charges - Plumber(Fitter)Assist	Each	294.40
27	L027	Labour charges - Polisher	Each	294.40
28	L028	Labour charges - Spraymen	Each	294.40
29	L029	Labour charges - Supervision for Machinery	Each	303.00
30	L030	Labour charges - Welder	Each	294.40
31	L031	Labour charges - White Washer	Each	294.40
32	L032	Labour charges - Winch Operator	Each	294.40
33	L034	Labour for Applying Two Coat of Preventitive Coating on Steel per day (Painter)	Days	294.40
34	L035	Labour for Removing (Descaling) Rust & Applying one coat per day (Semi Skilled)	Days	303.00
35	L036	Semi Skill helper	days	194.50
36	L037	Unskilled Labour	days	194.50
37	L038	Labour charges - Mazdoor with Hand Cart	each	400.60
38	L039	helper	days	199.90
39	L040	Labour charges Beldar	Each	300.00
40	L044	Labour charges - Chiseller (Semi Skilled)	Each	294.40
41	I007	Fabrication Labour for (Board)	kg	15.00
42	I008	Fabrication Labour for (Stand)	kg	15.00

Sr. No	Code	Labour	Unit	Rate
43	I009	Filling sand in bags with stiching	Each	3.00
44	I010	Loading sand bags	Each	3.00
45	I011	Unloading bags	Each	2.00
46	I012	Lifting and fixing in position of Precast parapet max 1.05m	Rmt	835.00
47	I013	Painting Charges (Board)	sq.m.	46.00
48	I014	Painting Charges (Letter) Size upto 100mm	L.S	5.00
49	I015	Revenue Charges For Land Acquisition	Km	300.00

HIRE CHARGES

I. No	Code	Description	Unit	Rate
1	H001	Hire Charges for Bituminous filter oil Fire	Hour	208.00
2	H002	Hire Charges for Bituminous Mixer	Hour	187.00
3	H003	Hire Charges for Boiler	Hour	140.00
4	H004	Hire Charges for Pneumatic Road Roller	Hr	655.00
5	H005	Hire Charges for Tendon Road Roller	Hour	655.00
6	H006	Hire charges for Comprssor	Per Day	240.00
7	H007	Hire charges for Crane	Hr	825.00
8	H008	Hire Charges for Mech. Mixer (Extra Cost)	L.S	52.90
9	H009	Hire Charges for Mech. Mortar mill	L.S	36.30
10	H010	Hire charges for penumetic drill & Pavement bracker	Hr	100.70
11	H011	Hire charges for road Roller	Per Day	2800.00
12	H012	Hire charges for vibrator	L.S	40.00
13	H013	Hire Charges for Vibratory Road Roller	Hour	48.00
14	H014	Hire charges of required pilling Machineries	Hour	625.00
15	H015	Hire charges of surface Vibrator	Each	60.00
16	H016	Hydraulic Excavator 1 cum bucket capacity @ 60 cum per hour	hour	840.00
17	H017	Tipper 10 tonne capacity	tonne	1.60
18	H018	Dozer 80 HP for spreading @ 200 cum per hour	hour	2400.00
19	H019	Motor grader for grading @ 100 cum per hour	hour	1545.00
20	H020	Vibratory roller 8 - 10 tonnes @ 100 cum per hour	hour	994.00
21	H021	Hire Charges of drilling machine	Days	325.00
22	H022	Tractor with rotovator	hrs	245.00
23	H023	Bitumen emulsion pressure distributor	days	600.00
24	I016	Compensation for earth taken from private land.	Cum	40.00

CARIAGE CHARGES OF MATERIALS

Sr. No	Code	Cariage	Unit	Rate
1	C001	Cariage of GSW pipe lead 100mm (upto 10 ton)	Rmt	1.64
2	C001A	Cariage of GSW pipe lead 100mm (more than 10 ton)	Rmt	1.64
3	C002	Cariage of GSW pipe lead 125mm (upto 10 ton)	Rmt	2.45
4	C002A	Cariage of GSW pipe lead 125mm (more than 10 ton)	Rmt	2.45
5	C003	Cariage of GSW pipe lead 150mm (upto 10 ton)	Rmt	3.27
6	C003A	Cariage of GSW pipe lead 150mm (more than 10 ton)	Rmt	3.27
7	C004	Cariage of GSW pipe lead 200mm (upto 10 ton)	Rmt	3.27
8	C004A	Cariage of GSW pipe lead 200mm (more than 10 ton)	Rmt	3.27
9	C005	Cariage of RCC pipe lead 250mm (upto 10 ton)	100 Rmt	1191.03
10	C005A	Cariage of RCC pipe lead 250mm (more than 10 ton)	100 Rmt	1191.03
11	C006	Cariage of RCC pipe lead 300mm (upto 10 ton)	Rmt	16.24
12	C006A	Cariage of RCC pipe lead 300mm (more than 10 ton)	Rmt	16.24
13	C007	Cariage of RCC pipe lead 350 to 400 mm (upto 10 ton)	Rmt	17.86
14	C007A	Cariage of RCC pipe lead 350 to 400 mm (more than 10 ton)	Rmt	17.86
15	C008	Cariage of RCC pipe lead 450 to 500 mm (upto 10 ton)	Rmt	35.73
16	C008A	Cariage of RCC pipe lead 450 to 500 mm (more than 10 ton)	Rmt	35.73
17	C009	Cariage of RCC pipe lead 600 700 & 750 mm (upto 10 ton)	Rmt	59.55
18	C009A	Cariage of RCC pipe lead 600 700 & 750 mm (more than 10 ton)	Rmt	59.55
19	C010	Cariage of RCC pipe lead 900 to 1200mm (upto 10 ton)	Rmt	89.23
20	C010A	Cariage of RCC pipe lead 900 to 1200mm (more than 10 ton)	Rmt	89.23
21	C011	Carriage Hoops Iron (upto 10 ton)	MT	190.68
22	C011A	Carriage Hoops Iron (more than 10 ton)	MT	190.68
23	C012	Carriage of Asbestos Sheet (upto 10 ton)	MT	220.41
24	C012A	Carriage of Asbestos Sheet (more than 10 ton)	MT	169.74
25	C013	Carriage of Bitumen (upto 10 ton)	MT	263.01
26	C013A	Carriage of Bitumen (more than 10 ton)	MT	263.01
27	C014	Carriage of Bricks (upto 10 ton)	1000 Each	498.24
28	C014A	Carriage of Bricks (more than 10 ton)	1000 Each	498.24
29	C015	Carriage of brick bats chhara (upto 10 ton)	cu.m.	249.12
30	C015A	Carriage of brick bats chhara (more than 10 ton)	cu.m.	249.12
31	C016	Carriage of Brick aggregate 40mm size (upto 10 ton)	cu.m.	249.12
32	C016A	Carriage of Brick aggregate 40mm size (more than 10 ton)	cu.m.	249.12
33	C017	Carriage of C.I. Grating (upto 10 ton)	Each	2.84
34	C017A	Carriage of C.I. Grating (more than 10 ton)	Each	2.84
35	C018	Carriage of chips agg. (upto 10 ton)	cu.m.	157.96
36	C018A	Carriage of chips agg. (more than 10 ton)	cu.m.	157.96
37	C019	Carriage of Cement (upto 10 ton)	MT	210.41
38	C019A	Carriage of Cement (more than 10 ton)	MT	159.74

Sr. No	Code	Carriage	Unit	Rate
39	C020	Carriage of CI cover and frame (upto 10 ton)	Each	28.46
40	C020A	Carriage of CI cover and frame (more than 10 ton)	Each	28.46
41	C021	Carriage of CI cover without frame (upto 10 ton)	each	13.8
42	C021A	Carriage of CI cover without frame (more than 10 ton)	each	13.8
43	C022	Carriage of Coarse Sand (upto 10 ton)	cu.m.	140.37
44	C022A	Carriage of Coarse Sand (more than 10 ton)	cu.m.	106.54
45	C023	Carriage of concrete block (39cm x 20cm x 19cm) (upto 10 ton)	100 Each	249.12
46	C023A	Carriage of concrete block (39cm x 20cm x 19cm) (more than 10 ton)	100 Each	249.12
47	C024	Carriage of Earth. 0.5km. (upto 10 ton)	cu.m.	108.97
48	C024A	Carriage of Earth. 0.5km. (more than 10 ton)	cu.m.	82.74
49	C025	Carriage of Earth. 1km. (upto 10 ton)	cu.m.	116.89
50	C025A	Carriage of Earth. 1km. (more than 10 ton)	cu.m.	88.75
51	C026	Carriage of Earth. 2km. (upto 10 ton)	cu.m.	132.11
52	C026A	Carriage of Earth. 2km. (more than 10 ton)	cu.m.	100.29
53	C027	Carriage of Earth. 3km. (upto 10 ton)	cu.m.	147.12
54	C027A	Carriage of Earth. 3km. (more than 10 ton)	cu.m.	111.68
55	C028	Carriage of Fine Sand (upto 10 ton)	cu.m.	140.37
56	C028A	Carriage of Fine Sand (more than 10 ton)	cu.m.	106.54
57	C029	Carriage of Marble (upto 10 ton)	cu.m.	157.96
58	C029A	Carriage of Marble (more than 10 ton)	cu.m.	157.96
59	C030	Carriage of Marble Chips (upto 10 ton)	cu.m.	156.78
60	C030A	Carriage of Marble Chips (more than 10 ton)	cu.m.	118.9
61	C031	Carriage of Murrum (upto 10 ton)	cu.m.	205.57
62	C031A	Carriage of Murrum (more than 10 ton)	cu.m.	155.98
63	C032	Carriage of Rubble (upto 10 ton)	cu.m.	383.51
64	C032A	Carriage of Rubble (more than 10 ton)	cu.m.	295.4
65	C033	Carriage of Precast slabs (concrete) (upto 10 ton)	cu.m.	280
66	C033A	Carriage of Precast slabs (concrete) (more than 10 ton)	cu.m.	280
67	C034	Carriage of Quarry Spall (upto 10 ton)	cu.m.	181.12
68	C034A	Carriage of Quarry Spall (more than 10 ton)	cu.m.	137.44
69	C035	Carriage of Steam Coal (upto 10 ton)	MT	98.26
70	C035A	Carriage of Steam Coal (more than 10 ton)	MT	98.26
71	C036	Carriage of Steel (upto 10 ton)	MT	220.41
72	C036A	Carriage of Steel (more than 10 ton)	MT	169.74
73	C037	Carriage of Hand Broken Stone agg. 40 to 63mm (upto 10 ton)	cu.m.	295.51
74	C037A	Carriage of Hand Broken Stone agg. 40 to 63mm (more than 10 ton)	cu.m.	226.65
75	C038	Carriage of Brick agg. 20mm size (upto 10 ton)	cu.m.	249.12
76	C038A	Carriage of Brick agg. 20mm size (more than 10 ton)	cu.m.	249.12
77	C039	Carriage of Stone Aggregate 20mm size (upto 10 ton)	cu.m.	256.28
78	C039A	Carriage of Stone Aggregate 20mm size (more than 10 ton)	cu.m.	256.28
79	C040	Carriage of Stone Aggregate 40mm size (upto 10 ton)	cu.m.	620.72

Sr. No	Code	Carriage	Unit	Rate
80	C040A	Carriage of Stone Aggregate 40mm size (more than 10 ton)	cu.m.	586.89
81	C041	Carriage of tiles (upto 10 ton)	1000 Each	47
82	C041A	Carriage of tiles (more than 10 ton)	1000 Each	47
83	C042	Carriage of Timber (upto 10 ton)	cu.m.	140.37
84	C042A	Carriage of Timber (more than 10 ton)	cu.m.	106.54
85	C043	Carriage of Unslaked Lime (upto 10 ton)	cu.m.	140.37
86	C043A	Carriage of Unslaked Lime (more than 10 ton)	cu.m.	106.54
87	C044	Carriage Of Tube	Tonne	450
88	C053	Carriage of Galvenized MS Tubes upto 50mm dia (upto 10 ton)	Each	2.41
89	C053A	Carriage of Galvenized MS Tubes upto 50mm dia (more than 10 ton)	Each	2.41
90	C054	Carriage of sheets GI/MS (upto 10 ton)	MT	316.95
91	C054A	Carriage of sheets GI/MS (more than 10 ton)	MT	316.95
92	C055	Carriage of Stone Aggregate 6mm size (upto 10 ton)	cu.m.	620.72
93	C055A	Carriage of Stone Aggregate 6mm size (more than 10 ton)	cu.m.	586.89
94	C062	Carriage of Stone (upto 10 ton)	cu.m.	620.72
95	C062A	Carriage of Stone (more than 10 ton)	cu.m.	586.89
96	I017	Conveyance From 0.5 Km (10.00 Tonne)	EACH	128.82
97	I018	Conveyance From 1.0 Km (10.00 Tonne)	EACH	138.24
98	I019	Conveyance From 2.0 Km (10.00 Tonne)	EACH	156.33
99	I020	Conveyance From 3.0 Km (10.00 Tonne)	EACH	174.19

Item Code	Item No. as per NBO	Description	Unit	Rate 2015-16
CHAPTER : 2 : MORTARS				
2001	2.5.1	Lime Mortar 1:1 (1-lime putty/ Equivalent dry Hydrated Lime : 1-Fine sand) (upto 10 ton)	cu.m	1440.00
2002	2.5.2	Lime Mortar 1:2 (1-lime putty/ Equivalent dry Hydrated Lime : 2-Fine sand) (upto 10 ton)	cu.m	1236.00
2003	2.5.3	Lime Mortar 1:3 (1-lime putty/Equivalent dry Hydrated Lime : 3 - Fine sand) (upto 10 ton)	cu.m	1134.00
2004	0	Lime Mortar 1:1.5 (1-lime putty/ Equivalent dry Hydrated Lime : 1.5 Fine sand) (upto 10 ton)	cu.m	1361.00
2005	2.5.11	Cement Mortar 1:1 (1-Cement: 1- fine sand) (upto 10 ton)	cu.m	5612.00
2006	2.5.12	Cement Mortar 1:2(1-Cement: 2-fine sand) (upto 10 ton)	cu.m	3997.00
2007	2.5.13	Cement Mortar 1:3(1-Cement: 3- fine sand) (upto 10 ton)	cu.m	3191.00
2008	2.5.14	Cement Mortar 1:4(1-Cement: 4- fine sand) (upto 10 ton)	cu.m	2544.00
2009	2.5.15	Cement Mortar 1:5(1-Cement: 5- fine sand) (upto 10 ton)	cu.m	2189.00
2010	2.5.16	Cement Mortar 1:6(1-Cement: 6- fine sand) (upto 10 ton)	cu.m	1871.00
2011	2.5.18	Cement Mortar 1:3 (1-Cement: 3 - coarse sand) (upto 10 ton)	cu.m	3209.00
2012	2.5.19	Cement Mortar 1:4 (1-Cement: 4 - coarse sand) (upto 10 ton)	cu.m	2563.00
2013	2.5.20	Cement Mortar 1:5 (1-Cement: 5 - coarse sand) (upto 10 ton)	cu.m	2208.00
2014	2.5.21	Cement Mortar 1:6 (1-Cement: 6 - coarse sand) (upto 10 ton)	cu.m	1890.00
2015	0	Cement Mortar 1:8 (1-Cement: 8 - fine sand) (upto 10 ton)	cu.m	1560.00
2016	0	Lime Mortar 1:1.5 (1- Lime putty / Equivalent dry hydrated Lime:1.5 coarse sand) (upto 10 ton)	cu.m	1461.00

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Item Code	Item No. as per NBO	Description	Unit	Rate 2015-16
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CHAPTER : 4-A : EARTHWORK (EXECUTED WITH MECHANISED EFFORTS / MACHINERIES)

04001A	0	Excavation for foundation upto 1.5 m depth including sorting out and stacking of useful materials and disposing off the excavated stuff upto 50 Meter lead.(A) Loose or soft soil	cu.m	67.20
04001B	0	Excavation for foundation upto 1.5 m depth including sorting out and stacking of useful materials and disposing off the excavated stuff upto 50 Meter lead.(B) Dense or Hard soil	cu.m	85.90
04001C	0	Excavation for foundation upto 1.5 m depth including sorting out and stacking of useful materials and disposing off the excavated stuff upto 50 Meter lead.(C) Hard Murrum	cu.m	147.00
04001D	0	Excavation for foundation upto 1.5 m depth including sorting out and stacking of useful materials and disposing off the excavated stuff upto 50 Meter lead.(D) Soft rock not requiring Blasting	cu.m	151.00
04001E	0	Excavation for foundation upto 1.5 m depth including sorting out and stacking of useful materials and disposing off the excavated stuff upto 50 Meter lead.(E) Hard Rock	cu.m	343.00
04002A	0	Excavation for foundation for depth from 1.5 m to 3.0 m including sorting out and stacking of useful materials and disposing off the excavated stuff upto 50 Meter lead.(A) Loose or soft soil	cu.m	74.50
04002B	0	Excavation for foundation for depth from 1.5 m to 3.0 m including sorting out and stacking of useful materials and disposing off the excavated stuff upto 50 Meter lead.(B) Dense or Hard soil	cu.m	93.20
04002C	0	Excavation for foundation for depth from 1.5 m to 3.0 m including sorting out and stacking of useful materials and disposing off the excavated stuff upto 50 Meter lead.(C) Hard Murrum	cu.m	157.00
04002D	0	Excavation for foundation for depth from 1.5 m to 3.0 m including sorting out and stacking of useful materials and disposing off the excavated stuff upto 50 Meter lead. (D) Soft rock not requiring Blasting	cu.m	165.00

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Item Code	Item No. as per NBO	Description	Unit	Rate 2015-16
04002E	0	Excavation for foundation for depth from 1.5 m to 3.0 m including sorting out and stacking of useful materials and disposing off the excavated stuff upto 50 Meter lead.(E) Hard Rock	cu.m	356.00
04003A	0	Excavation for foundation for depth from 3.0 m to 5.0 m including sorting out and stacking of useful materials and disposing off the excavated stuff upto 50 Meter lead.(A) Loose or soft soil	cu.m	81.80
04003B	0	Excavation for foundation for depth from 3.0 m to 5.0 m including sorting out and stacking of useful materials and disposing off the excavated stuff upto 50 Meter lead.(B) Dense or Hard soil	cu.m	100.00
04003C	0	Excavation for foundation for depth from 3.0 m to 5.0 m including sorting out and stacking of useful materials and disposing of the excavated stuff upto 50 Meter lead.(C) Hard Murrum	cu.m	164.00
04003D	0	Excavation for foundation for depth from 3.0 m to 5.0 m including sorting out and stacking of useful materials and disposing off the excavated stuff upto 50 Meter lead.(D) Soft rock not requiring Blasting	cu.m	178.00
04003E	0	Excavation for foundation for depth from 3.0 m to 5.0 m including sorting out and stacking of useful materials and disposing off the excavated stuff upto 50 Meter lead.(E) Hard Rock	cu.m	369.00
04004A	0	Extra for additional depth more than 5.0 m for excavation for foundation including sorting out and stacking of useful materials and disposing of the excavated stuff upto 50 m lead.(A) Loose or soft soil	cu.m	13.30
04004B	0	Extra for additional depth more than 5.0 m for excavation for foundation including sorting out and stacking of useful materials and disposing off the excavated stuff upto 50 m lead.(B) Dense or Hard soil	cu.m	13.30
04004C	0	Extra for additional depth more than 5.0 m for excavation for foundation including sorting out and stacking of useful materials and disposing of the excavated stuff upto 50 m lead.(C) Hard Murrum	cu.m	18.30

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Item Code	Item No. as per NBO	Description	Unit	Rate 2015-16
04004D	0	Extra for additional depth more than 5.0 m for excavation for foundation including sorting out and stacking of useful materials and disposing off the excavated stuff upto 50 m lead.(D) Soft rock not require Blasting	cu.m	23.60
04004E	0	Extra for additional depth more than 5.0 m for excavation for foundation including sorting out and stacking of useful materials and disposing of the excavated stuff upto 50 m lead.(E) Hard Rock	cu.m	23.60
04005A	0	Add extra for Disposing off the excavated stuff of above items for lead of (A) 50 m to 100 m	cu.m	12.60
04005B	0	Add extra for Disposing off the excavated stuff of above items for lead of (B) 100 m to 200 m	cu.m	25.00
04005C	0	Add extra for Disposing off the excavated stuff of above items for lead of (C) 200 m to 300 m	cu.m	38.00
04005D	0	Add extra for Disposing off the excavated stuff of above items for lead of (D) 300 m to 400 m	cu.m	56.00
04005E	0	Add extra for Disposing off the excavated stuff of above items for lead of (E) 400 to 500 m	cu.m	93.00
4006	4.12	Filling available excavated earth (excluding rock) in trenches. plinth, sides of foundations etc. in layers not exceeding 20 cm. in depth consolidating each disposed layer by ramming and watering.	cu.m	79.00
4007	4.24	Filling in plinth with sand under floors including watering ramming, consolidating and dressing complete (upto 10 ton)	cu.m	398.00
4008	0	Filling in foundation and plinth with murrum or selected soil in layers of 20cm. thickness including watering, ramming and consolidating etc. complete. (upto 10 ton)	cu.m	286.00
4009	0	Filling in foundation and plinth with brick Bats Chhara in layers of 20cm. thickness including watering, remming and consolidating etc. complete. (upto 10 ton)	cu.m	465.00
04010A	4.27	Boring holes 3.5 m deep in ordinary soil (for cast in situ piles) and getting out the soil and disposal of the surplus excavated soil as directed within a lead of 50 Meter for following diameter of pipes.(i)200 mm	Each	625.00

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Item Code	Item No. as per NBO	Description	Unit	Rate 2015-16
04010B	4.27	Boring holes 3.5 m deep in ordinary soil (for cast in situ piles) and getting out the soil and disposal of the surplus excavated soil as directed within a lead of 50 Meter for following diameter of pipes.(ii) 250 mm	Each	749.00
04010C	4.27	Boring holes 3.5 m deep in ordinary soil (for cast in situ piles) and getting out the soil and disposal of the surplus excavated soil as directed within a lead of 50 Meter for following diameter of pipes.(iii) 300 mm	Each	876.00
04011A	4.28	Extra for under reaming inside the bore Holes for under reamed piles of following Diameter.(i) 200 mm	Each	250.00
04011B	4.28	Extra for under reaming inside the bore Holes for under reamed piles of following Diameter.(ii) 250 mm	Each	300.00
04011C	4.28	Extra for under reaming inside the bore Holes for under reamed piles of following Diameter.(iii) 300 mm	Each	373.00
04012A	4.29	Add to or deduct from the rate for Bore Holes of 3.5 m Depth, if bore holes are made deeper or shallower than 3.5M. for Piles of following diameter.(i) 200 mm	Each	210.00
04012B	4.29	Add to or deduct from the rate for Bore Holes of 3.5 m Depth, if bore holes are made deeper or shallower than 3.5M. for Piles of following diameter.(ii) 250 mm	Each	280.00
04012C	4.29	Add to or deduct from the rate for Bore Holes of 3.5 m Depth, if bore holes are made deeper or shallower than 3.5M. for Piles of following diameter.(iii) 300 mm	Each	313.00

CHAPTER : 4-B : EARTHWORK (EXECUTED WITH MANNUAL LABOUR)

04B001A	0	Excavation for foundation upto 1.5 m depth including sorting out and stacking of useful materials and disposing off the excavated stuff upto 50 Meter lead.(A) Loose or soft soil	cu.m	122.00
04B001B	0	Excavation for foundation upto 1.5 m depth including sorting out and stacking of useful materials and disposing off the excavated stuff upto 50 Meter lead.(B) Dense or Hard soil	cu.m	153.00

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Item Code	Item No. as per NBO	Description	Unit	Rate 2015-16
04B001C	0	Excavation for foundation upto 1.5 m depth including sorting out and stacking of useful materials and disposing off the excavated stuff upto 50 Meter lead.(C) Hard Murrum	cu.m	266.00
04B001D	0	Excavation for foundation upto 1.5 m depth including sorting out and stacking of useful materials and disposing off the excavated stuff upto 50 Meter lead.(D) Soft rock not requiring Blasting	cu.m	276.00
04B001E	0	Excavation for foundation upto 1.5 m depth including sorting out and stacking of useful materials and disposing off the excavated stuff upto 50 Meter lead.(E) Hard Rock	cu.m	568.00
04B002A	0	Excavation for foundation for depth from 1.5 m to 3.0 m including sorting out and stacking of useful materials and disposing off the excavated stuff upto 50 Meter lead.(A) Loose or soft soil	cu.m	135.00
04B002B	0	Excavation for foundation for depth from 1.5 m to 3.0 m including sorting out and stacking of useful materials and disposing off the excavated stuff upto 50 Meter lead.(B) Dense or Hard soil	cu.m	169.00
04B002C	0	Excavation for foundation for depth from 1.5 m to 3.0 m including sorting out and stacking of useful materials and disposing off the excavated stuff upto 50 Meter lead.(C) Hard Murrum	cu.m	286.00
04B002D	0	Excavation for foundation for depth from 1.5 m to 3.0 m including sorting out and stacking of useful materials and disposing off the excavated stuff upto 50 Meter lead. (D) Soft rock not requiring Blasting	cu.m	299.00
04B002E	0	Excavation for foundation for depth from 1.5 m to 3.0 m including sorting out and stacking of useful materials and disposing off the excavated stuff upto 50 Meter lead.(E) Hard Rock	cu.m	592.00
04B003A	0	Excavation for foundation for depth from 3.0 m to 5.0 m including sorting out and stacking of useful materials and disposing off the excavated stuff upto 50 Meter lead.(A) Loose or soft soil	cu.m	148.00

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Item Code	Item No. as per NBO	Description	Unit	Rate 2015-16
04B003B	0	Excavation for foundation for depth from 3.0 m to 5.0 m including sorting out and stacking of useful materials and disposing off the excavated stuff upto 50 Meter lead.(B) Dense or Hard soil	cu.m	183.00
04B003C	0	Excavation for foundation for depth from 3.0 m to 5.0 m including sorting out and stacking of useful materials and disposing of the excavated stuff upto 50 Meter lead.(C) Hard Murrum	cu.m	299.00
04B003D	0	Excavation for foundation for depth from 3.0 m to 5.0 m including sorting out and stacking of useful materials and disposing off the excavated stuff upto 50 Meter lead.(D) Soft rock not requiring Blasting	cu.m	323.00
04B003E	0	Excavation for foundation for depth from 3.0 m to 5.0 m including sorting out and stacking of useful materials and disposing off the excavated stuff upto 50 Meter lead.(E) Hard Rock	cu.m	615.00

CHAPTER : 5 : CONCRETE WORK

5001	5.1.6	Providing and laying in foundation and plinth / under floors lime concrete with hand broken stone aggregates 40mm nominal size and 40% mortar comprising of 1-Lime putty : 2-Fine sand and curing complete excluding cost of formwork. (upto 10 ton)	cu.m	1981.00
5002	5.1.8	Providing and laying in foundation and plinth / under floors lime concrete with graded brick aggregates 40 mm nominal size and 40% mortar comprising of 1-Limeputty : 2-Fine sand and curing completeexcluding cost of formwork. (upto 10 ton)	cu.m	1487.00
5003	5.3.2	Providing and laying cement concrete 1:3:6 (1-Cement : 3- coarse sand : 6- hand broken stone aggregates 40 mmnominal size) and curing complete excluding cost of formwork in (A) Foundation and Plinth (upto 10 ton)	cu.m	2501.00
5004	5.3.3	Providing and laying cement concrete 1:4:8 (1-Cement : 4- coarse sand : 8- hand broken stone aggregates 40 mm nominal size) and curing complete excluding cost of formwork in (A) Foundation and Plinth (upto 10 ton)	cu.m	2249.00

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Item Code	Item No. as per NBO	Description	Unit	Rate 2015-16
5005	5.3.14	Providing and laying cement concrete 1:3:6 (1- Cement : 3- Coarse sand : 6- crushed stone aggregates 20 mm nominal size) and curing complete including cost of formwork in (A) Wall Caps / Coping (upto 10 ton)	cu.m	3136.00
5006	5.3.4	Providing and laying cement concrete 1:5:10 (1- Cement : 5- Coarse sand : 10- hand broken stone aggregates 40 mm nominal size) and curing complete excluding cost of formwork in (A) Foundation and Plinth (upto 10 ton)	cu.m	2048.00
5007	5.3.2	Providing and laying cement concrete 1:3:6 (1- Cement : 3- Coarse sand : 6- Graded brick bat aggregate 40mm normal size) and curing complete excluding cost of formwork in (A) Foundation and Plinth (upto 10 ton)	cu.m	2167.00
5008	5.3.3	Providing and laying cement concrete 1:4:8 (1- Cement : 4- Coarse sand : 8- Graded Brick bats aggregate 40mm normal size) and curing complete excluding cost of formwork in (A) Foundation and Plinth (upto 10 ton)	cu.m	1898.00
5009	5.3.8	Providing and laying cement concrete 1:5:10 (1- Cement : 5- fine sand : 10- graded brick bat aggregates 40mm nominal size) and curing complete excluding cost of formwork in (A) Foundation and Plinth (upto 10 ton)	cu.m	1692.00
05010A	5.3.13	Providing and laying cement concrete 1:2:4 (1- Cement : 2- Coarse sand : 4- graded stone aggregates 20 mm nominal size) and curing complete excluding cost of formwork in (A) Foundation and Plinth (upto 10 ton)	cu.m	3184.00
05010B	5.3.13	Providing and laying cement concrete 1:2:4 (1- Cement : 2- Coarse sand : 4- graded stone aggregates 20 mm nominal size) and curing complete excluding cost of formwork in (B)Independent piers, columns, and pillars, upto floor two level (upto 10 ton)	cu.m	3184.00
05011A	5.4.1	Providing and laying cement concrete work 1:2:4 (1- Cement : 2- Coarse sand : 4- graded stone aggregates 20 mm nominal size) and curing complete excluding cost of formwork and reinforcement for reinforced concrete work in (A) Foundations, footings, Base or columns and Mass concrete (upto 10 ton)	cu.m	3327.00

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Item Code	Item No. as per NBO	Description	Unit	Rate 2015-16
05011B	5.4.1	Providing and laying cement concrete work 1:2:4 (1- Cement : 2- Coarse sand : 4- graded stone aggregates 20 mm nominal size) and curing complete excluding cost of formwork and reinforcement for reinforced concrete work in (B) Slabs, landing, shelves, Balconis , Lintels, Beams, Girders and Cantilever upto floor two level. (upto 10 ton)	cu.m	3384.00
05011D	5.4.1	Providing and laying cement concrete work 1:2:4 (1- Cement : 2- Coarse sand : 4- graded stone aggregates 20 mm nominal size) and curing complete excluding cost of formwork and reinforcement for reinforced concrete work in (D) Columns, Pillars posts and struts upto floor two level. (upto 10 ton)	cu.m	3384.00
05011E	5.4.1	Providing and laying cement concrete work 1:2:4 (1- Cement : 2- Coarse sand : 4- graded stone aggregates 20 mm nominal size) and curing complete excluding cost of formwork and reinforcement for reinforced concrete work in (E)Staircases excluding landing upto floor two level (upto 10 ton)	cu.m	3718.00
05011K	5.4.1	Providing and laying cement concrete work 1:2:4 (1- Cement : 2- Coarse sand : 4- graded stone aggregates 20 mm nominal size) and curing complete excluding cost of formwork and reinforcement for reinforced concrete work in (K)Vertical and Horizontal its upto floor two level. (upto 10 ton)	cu.m	3519.00
5012	5.4.4	Providing and laying cement concrete 1:2:4 (1- Cement : 2- Coarse sand : 4- graded stone aggregates 20 mm nominal size) for reinforced concrete Chhajjas not exceeding 10cm. thickness upto floor two level including finishing the exposed surfaces with cement mortar 1:3 (1- cement, 3 Fine sand) to give a smooth and even surface centering and formwork and curing complete excluding cost of reinforcement. (upto 10 ton)	cu.m	5365.00
5013	5.4.10	Providing Mild Steel reinforcement for R.C.C. work including bending binding, and placing in position complete upto floor two level. (upto 10 ton)	kg	39.80

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Item Code	Item No. as per NBO	Description	Unit	Rate 2015-16
05014A	5.4.11	Providing H.Y.S.D. Bar reinforcement for R.C.C. work including bending, binding and placing in position complete upto floor two level (upto 10 ton)	kg	41.30
05014B	5.4.11	Providing TMT Bar FE 415 reinforcement for R.C.C. work including bending, binding and placing in position complete upto floor two level (upto 10 ton)	kg	44.40
05014C	5.4.11	Providing TMT Bar FE 500/500D reinforcement for R.C.C. work including bending, binding and placing in position complete upto floor two level (upto 10 ton)	kg	45.20
5015	5.4.13	Extra for additional lift of concrete for all R.C.C. work above floor two level excluding cost of reinforcement (upto 10 ton)	cu.m	33.70
5016	5.4.13A	Extra for additional lift of reinforcing steel for all R.C.C. work above floor two level. (upto 10 ton)	kg	0.70
5017	5.4.16	Deduct for omitting in R.C.C. work smooth finishing of the exposed surface with cement mortar 1:3 (1-Cement : 3- Fine sand)	Sqm	85.00
5018	5.4.18	Providing throating or plaster drip and moulding to R.C.C. Chhajja.	Rmt	25.00
05019A	5.6.2	Providing upto floor two level precast cement concrete jali or grill 1:2:4 mix (1- Cement : 2-coarse sand : 4-graded stone aggregate 6mm nominal size) reinforced with 1.6 mm dia. Mild steel wire including roughening,cleaning, fixing and finishing in cement mortar 1:3 and curing complete. (A) 50mm thick	Sqm	425.00
05019B	5.6.2	Providing upto floor two level precast cement concrete jali or grill 1:2:4 mix (1- Cement : 2-coarse sand : 4-graded stone aggregate 6mm nominal size) reinforced with 1.6 mm dia. Mild steel wire including roughening,cleaning, fixing and finishing in cement mortar 1:3 and curing complete. (B) 40mm thick	Sqm	388.00
05019C	5.6.2	Providing upto floor two level precast cement concrete jali or grill 1:2:4 mix (1- Cement : 2-coarse sand : 4-graded stone aggregate 6mm nominal size) reinforced with 1.6 mm dia. Mild steel wire including roughening,cleaning, fixing and finishing in cement mortar 1:3 and curing complete. (C) 25mm thick	Sqm	369.00

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Item Code	Item No. as per NBO	Description	Unit	Rate 2015-16
05019D	5.6.2	Providing upto floor two level precast cement concrete jali or grill 1:2:4 mix (1- Cement : 2-coarse sand : 4-graded stone aggregate 6mm nominal size) reinforced with 1.6 mm dia. Mild steel wire including roughening,cleaning, fixing and finishing in cement mortar 1:3 and curing complete. (D) 75mm thick	Sqm	460.00
05019E	5.6.2	Providing upto floor two level precast cement concrete jali or grill 1:2:4 mix (1- Cement : 2-coarse sand : 4-graded stone aggregate 6mm nominal size) reinforced with 1.6 mm dia. Mild steel wire including roughening,cleaning, fixing and finishing in cement mortar 1:3 and curing complete.(E) 100mm thick	Sqm	484.00
5020	5.6.9	Extra for additional lift for providing and fixing in position precast R.C.C. units above floor two level	Sqm	6.30
5021	5.7.1	Providing and laying damp proof course 25mm thick cement concrete 1:2:4 (1-Cement : 2 coarse sand : 4 stone aggregate 10 mm nominal size) and curing complete (upto 10 ton)	Sqm	172.00
5022	5.7.5	Extra for providing and mixing water proofing material in Cement concrete in mix proportion recommended by the manufacturers.	Litres or Kg per Quintal of Cement	57.40
05023A	5.8.1	Providing and laying controlled cement concrete M.150 for curing complete excluding cost of formwork and reinforcement for reinforced concrete work in (A) Foundations, footings,Base of columns and Mass concrete (upto 10 ton)	cu.m	3342.00
05023B	5.8.1	Providing and laying controlled cement concrete M.150 for curing complete excluding cost of formwork and reinforcement for reinforced concrete work in (B) Walls, from top of foundation level upto floor two level (upto 10 ton)	cu.m	3495.00
05023C	5.8.1	Providing and laying controlled cement concrete M.150 for curing complete excluding cost of formwork and reinforcement for reinforced concrete work in (C) Slabs, landing, shelves, Balconies, Lintels, Beams, Girders and Cantilever upto floor two level (upto 10 ton)	cu.m	3484.00
05023D	5.8.1	Providing and laying controlled cement concrete M.150 for curing complete excluding cost of formwork and reinforcement for reinforced concrete work in (D) Columns, Pillars posts and struts upto floor two level. (upto 10 ton)	cu.m	3546.00

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Item Code	Item No. as per NBO	Description	Unit	Rate 2015-16
05023E	5.8.1	Providing and laying controlled cement concrete M.150 for curing complete excluding cost of formwork and reinforcement for reinforced concrete work in (E) Staircases excluding landing upto floor two level (upto 10 ton)	cu.m	3944.00
05023K	5.8.1	Providing and laying controlled cement concrete M.150 for curing complete excluding cost of formwork and reinforcement for reinforced concrete work in (K) Vertical and Horizontal its upto floor two level. (upto 10 ton)	cu.m	3871.00
05024A	5.8.2	Providing and laying controlled cement concrete M.200 and curing complete excluding the cost of formwork and reinforcement for reinforced concrete work in (A) Foundations, footings, Base of columns and Mass concrete (upto 10 ton)	cu.m	3559.00
05024B	5.8.2	Providing and laying controlled cement concrete M.200 and curing complete excluding the cost of formwork and reinforcement for reinforced concrete work in (B) Walls, from top of foundation level upto floor two level (upto 10 ton)	cu.m	3855.00
05024C	5.8.2	Providing and laying controlled cement concrete M.200 and curing complete excluding the cost of formwork and reinforcement for reinforced concrete work in (C) Slabs, landing, shelves, Balconies, Lintels, Beams, Girders and Cantilever upto floor two level. (upto 10 ton)	cu.m	3843.00
05024D	5.8.2	Providing and laying controlled cement concrete M.200 and curing complete excluding the cost of formwork and reinforcement for reinforced concrete work in (D) Columns, Pillars posts and struts upto floor two level. (upto 10 ton)	cu.m	3905.00
05024E	5.8.2	Providing and laying controlled cement concrete M.200 and curing complete excluding the cost of formwork and reinforcement for reinforced concrete work in (E) Staircases excluding landing upto floor two level (upto 10 ton)	cu.m	4286.00
05024K	5.8.2	Providing and laying controlled cement concrete M.200 and curing complete excluding the cost of formwork and reinforcement for reinforced concrete work in (K) Vertical and Horizontal its upto floor two level. (upto 10 ton)	cu.m	3980.00

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Item Code	Item No. as per NBO	Description	Unit	Rate 2015-16
05025A	5.8.3	Providing and laying controlled cement concrete M.250 and curing complete excluding the cost of formwork and reinforcement for reinforced concrete work in (A) Foundations, footings, Base of columns and Mass concrete. (upto 10 ton)	cu.m	3884.00
05025B	5.8.3	Providing and laying controlled cement concrete M.250 and curing complete excluding the cost of formwork and reinforcement for reinforced concrete work in (B) Walls, from top of foundation level upto floor two level (upto 10 ton)	cu.m	4038.00
05025C	5.8.3	Providing and laying controlled cement concrete M.250 and curing complete excluding the cost of formwork and reinforcement for reinforced concrete work in (C) Slabs, landing, shelves, Balconies, Lintels, Beams, Girders and Cantilever upto floor two level. (upto 10 ton)	cu.m	4026.00
05025D	5.8.3	Providing and laying controlled cement concrete M.250 and curing complete excluding the cost of formwork and reinforcement for reinforced concrete work in (D) Columns, Pillars posts and struts, upto floor two level. (upto 10 ton)	cu.m	4088.00
05026A	0	Providing and Laying ordinary cement concrete 1:2:4 (1- Cement 2- coarse sand : 4- graded stone aggregates 20 mm nominal size) and finishing smooth with curing etc. complete including the cost of formwork but excluding the cost of reinforcement for R.C.C work in (i) Slabs upto 8cm thickness	cu.m	5568.00
05026B	0	Providing and Laying ordinary cement concrete 1:2:4 (1- Cement 2- coarse sand : 4- graded stone aggregates 20 mm nominal size) and finishing smooth with curing etc. complete including the cost of formwork but excluding the cost of reinforcement for R.C.C work in (ii) Slabs having more than 8 cm and upto 10 cm.thickness	cu.m	5159.00
05026C	0	Providing and Laying ordinary cement concrete 1:2:4 (1- Cement 2- coarse sand : 4- graded stone aggregates 20 mm nominal size) and finishing smooth with curing etc. complete including the cost of formwork but excluding the cost of reinforcement for R.C.C work in (iii) Slabs having more than 10 cm and upto 13 cm. thickness	cu.m	4885.00

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Item Code	Item No. as per NBO	Description	Unit	Rate 2015-16
05026D	0	Providing and Laying ordinary cement concrete 1:2:4 (1- Cement 2- coarse sand : 4- graded stone aggregates 20 mm nominal size) and finishing smooth with curing etc. complete including the cost of formwork but excluding the cost of reinforcement for R.C.C work in (iv) Slabs having more than 13 cm and upto 15 cm.thickness	cu.m	4613.00
05027A	0	Providing and Laying controlled cement concrete M.150 and finishing smooth with curing etc. complete including the cost of formwork but excluding the cost of reinforcement for R.C.C work in (i) Slabs upto 8cm thickness	cu.m	5702.00
05027B	0	Providing and Laying controlled cement concrete M.150 and finishing smooth with curing etc. complete including the cost of formwork but excluding the cost of reinforcement for R.C.C work in (ii) Slabs having more than 8 cm and upto 10 cm.thickness	cu.m	5292.00
05027C	0	Providing and Laying controlled cement concrete M.150 and finishing smooth with curing etc. complete including the cost of formwork but excluding the cost of reinforcement for R.C.C work in (iii) Slabs having more than 10 cm and upto 13 cm. thickness	cu.m	5020.00
05027D	0	Providing and Laying controlled cement concrete M.150 and finishing smooth with curing etc. complete including the cost of formwork but excluding the cost of reinforcement for R.C.C work in (iv) Slabs having more than 13 cm and upto 15 cm.thickness	cu.m	4748.00
05028A	0	Providing and laying ordinary cement concrete 1:2:4 (1- Cement 2- coarse sand : 4- graded stone aggregates 20 mm nominal size) exposed work with curing etc. complete including the cost of formwork but excluding the cost of reinforcement for R.C.C work in (i) Slabs upto 8cm thickness	cu.m	6256.00
05028B	0	Providing and laying ordinary cement concrete 1:2:4 (1- Cement 2- coarse sand : 4- graded stone aggregates 20 mm nominal size) exposed work with curing etc. complete including the cost of formwork but excluding the cost of reinforcement for R.C.C work in (ii) Slabs having more than 8 cm and upto 10 cm.thickness	cu.m	5709.00

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Item Code	Item No. as per NBO	Description	Unit	Rate 2015-16
05028C	0	Providing and laying ordinary cement concrete 1:2:4 (1- Cement 2- coarse sand : 4- graded stone aggregates 20 mm nominal size) exposed work with curing etc. complete including the cost of formwork but excluding the cost of reinforcement for R.C.C work in (iii) Slabs having more than 10 cm and upto 13 cm. thickness	cu.m	5343.00
05028D	0	Providing and laying ordinary cement concrete 1:2:4 (1- Cement 2- coarse sand : 4- graded stone aggregates 20 mm nominal size) exposed work with curing etc. complete including the cost of formwork but excluding the cost of reinforcement for R.C.C work in (iv) Slabs having more than 13 cm and upto 15 cm.thickness	cu.m	4981.00
05029A	0	Providing and laying controlled cement concrete M.150 and exposed work with curing etc. complete including the cost of formwork but excluding the cost of reinforcement for R.C.C work in (i) Slabs upto 8cm thickness	cu.m	6391.00
05029B	0	Providing and laying controlled cement concrete M.150 and exposed work with curing etc. complete including the cost of formwork but excluding the cost of reinforcement for R.C.Cwork in (ii) Slabs having more than 8 cm and upto 10 cm.thickness	cu.m	5843.00
05029C	0	Providing and laying controlled cement concrete M.150 and exposed work with curing etc. complete including the cost of formwork but excluding the cost of reinforcement for R.C.Cwork in (iii) Slabs having more than 10 cm and upto 13 cm. thickness	cu.m	5478.00
05029D	0	Providing and laying controlled cement concrete M.150 and exposed work with curing etc. complete including the cost of formwork but excluding the cost of reinforcement for R.C.Cwork in (iv) Slabs having more than 13 cm and upto 15 cm.thickness	cu.m	5115.00
5030	0	Providing and laying ordinary cement concrete 1:2:4 (1- Cement 2- coarse sand : 4- graded stone aggregates 20 mm nominal size) for R.C.C lintel including finishing smooth with,curing etc. complete including the cost of formwork but excluding the cost of reinforcement.	cu.m	5233.00

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05031A1	0	Providing and laying ordinary cement concrete 1:2:4 (1- Cement 2- coarse sand : 4- graded stone aggregates 20 mm nominal size) and finishing smooth with,curing etc. complete including the cost of formwork but excluding the cost of reinforcement for R.C.C work in (A) BEAMS :(i) Having cross-sectional area 0.05 to 0.08 Sq.M	cu.m	5812.00
05031A2	0	Providing and laying ordinary cement concrete 1:2:4 (1- Cement 2- coarse sand : 4- graded stone aggregates 20 mm nominal size) and finishing smooth with,curing etc. complete including the cost of formwork but excluding the cost of reinforcement for R.C.C work in (A) BEAMS :(ii) Having cross-sectional area more than 0.08Sq.M and upto 0.12 Sq.M	cu.m	5353.00
05031A3	0	Providing and laying ordinary cement concrete 1:2:4 (1- Cement 2- coarse sand : 4- graded stone aggregates 20 mm nominal size) and finishing smooth with,curing etc. complete including the cost of formwork but excluding the cost of reinforcement for R.C.C work in (A) BEAMS :(iii) Having cross-sectional area more than 0.12Sq.M and upto 0.18 Sq.M	cu.m	4816.00
05031B1	0	Providing and laying ordinary cement concrete 1:2:4 (1- Cement 2- coarse sand : 4- graded stone aggregates 20 mm nominal size) and finishing smooth with,curing etc. complete including the cost of formwork but excluding the cost of reinforcement for R.C.C work in (B) COLUMNS: (i) Having cross-sectional area 0.05 to 0.08 Sq.M	cu.m	7070.00
05031B2	0	Providing and laying ordinary cement concrete 1:2:4 (1- Cement 2- coarse sand : 4- graded stone aggregates 20 mm nominal size) and finishing smooth with,curing etc. complete including the cost of formwork but excluding the cost of reinforcement for R.C.C work in (B) COLUMNS: (ii) Having cross-sectional area more than 0.08 Sq.M and upto 0.18 Sq.M	cu.m	6360.00

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Item Code	Item No. as per NBO	Description	Unit	Rate 2015-16
05031B3	0	Providing and laying ordinary cement concrete 1:2:4 (1- Cement 2- coarse sand : 4- graded stone aggregates 20 mm nominal size) and finishing smooth with,curing etc. complete including the cost of formwork but excluding the cost of reinforcement for R.C.C work in (B) COLUMNS: (iii) Having cross-sectional area more than 0.12Sq.M and upto 0.18 Sq.M	cu.m	5527.00
05032A1	0	Providing and laying ordinary cement concrete M.150exposed work with curing etc. complete including the cost of formwork but excluding the cost of reinforcement for R.C.C. work in (A) BEAMS : (i) Having cross-sectional area 0.05 to 0.08 Sq.M	cu.m	6956.00
05032A2	0	Providing and laying controlled cement concrete M.150exposed work with curing etc. complete including the cost of formwork but excluding the cost of reinforcement for R.C.C. work in (A) BEAMS : (ii) Having cross-sectional area more than 0.08Sq.M and upto 0.12 Sq.M	cu.m	6296.00
05032A3	0	Providing and laying controlled cement concrete M.150exposed work with curing etc. complete including the cost of formwork but excluding the cost of reinforcement for R.C.C. work in (A) BEAMS : (iii) Having cross-sectional area more than 0.12Sq.M and upto 0.18 Sq.M	cu.m	5521.00
05032B1	0	Providing and laying controlled cement concrete M.150exposed work with curing etc. complete including the cost of formwork but excluding the cost of reinforcement for R.C.C. work in (B) COLUMNS: (i) Having cross-sectional area 0.05 to 0.08 Sq.M	cu.m	8252.00
05032B2	0	Providing and laying controlled cement concrete M.150exposed work with curing etc. complete including the cost of formwork but excluding the cost of reinforcement for R.C.C. work in (B) COLUMNS: (ii) Having cross-sectional area more than 0.08 Sq.M and upto 0.18 Sq.M	cu.m	7339.00
05032B3	0	Providing and laying controlled cement concrete M.150exposed work with curing etc. complete including the cost of formwork but excluding the cost of reinforcement for R.C.C. work in (B) COLUMNS: (iii) Having cross-sectional area more than 0.12Sq.M and upto 0.18 Sq.M	cu.m	6270.00

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05033A1	0	Providing and laying controlled cement concrete M.200 exposed work with curing etc. complete including the cost of formwork but excluding the cost of reinforcement for R.C.C. work in(A) BEAMS :(i) Having cross-sectional area 0.05 to 0.08 Sq.M	cu.m	7349.00
05033A2	0	Providing and laying controlled cement concrete M.200 exposed work with curing etc. complete including the cost of formwork but excluding the cost of reinforcement for R.C.C. work in (A) BEAMS :(ii) Having cross-sectional area more than 0.08Sq.M and upto 0.12 Sq.M	cu.m	6688.00
05033A3	0	Providing and laying controlled cement concrete M.200 exposed work with curing etc. complete including the cost of formwork but excluding the cost of reinforcement for R.C.C. work in (A) BEAMS :(iii) Having cross-sectional area more than 0.12Sq.M and upto 0.18 Sq.M	cu.m	5914.00
05033B1	0	Providing and laying controlled cement concrete M.200 exposed work with curing etc. complete including the cost of formwork but excluding the cost of reinforcement for R.C.C. work in (B) COLUMNS:(i) Having cross-sectional area 0.05 to 0.08 Sq.M	cu.m	8615.00
05033B2	0	Providing and laying controlled cement concrete M.200 exposed work with curing etc. complete including the cost of formwork but excluding the cost of reinforcement for R.C.C. work in (B) COLUMNS:(ii) Having cross-sectional area more than 0.08 Sq.M and upto 0.18 Sq.M	cu.m	8896.00
05033B3	0	Providing and laying controlled cement concrete M.200 exposed work with curing etc. complete including the cost of formwork but excluding the cost of reinforcement for R.C.C. work in (B) COLUMNS:(iii) Having cross-sectional area more than 0.12Sq.M and upto 0.18 Sq.M	cu.m	6633.00
05034A1	0	Providing and laying controlled cement concrete M.250 exposed work with curing etc. complete including the cost of formwork but excluding the cost of reinforcement for R.C.C. work in (A) BEAMS :(i) Having cross-sectional area 0.05 to 0.08 Sq.M	cu.m	7480.00

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Item Code	Item No. as per NBO	Description	Unit	Rate 2015-16
05034A2	0	Providing and laying controlled cement concrete M.250 exposed work with curing etc. complete including the cost of formwork but excluding the cost of reinforcement for R.C.C. work in (A) BEAMS :(ii) Having cross-sectional area more than 0.08Sq.M and upto 0.12 Sq.M	cu.m	6819.00
05034A3	0	Providing and laying controlled cement concrete M.250 exposed work with curing etc. complete including the cost of formwork but excluding the cost of reinforcement for R.C.C. work in (A) BEAMS :(iii) Having cross-sectional area more than 0.12Sq.M and upto 0.18 Sq.M	cu.m	6046.00
05034B1	0	Providing and laying controlled cement concrete M.250 exposed work with curing etc. complete including the cost of formwork but excluding the cost of reinforcement for R.C.C. work in (B) COLUMNS:(i) Having cross-sectional area 0.05 to 0.08 Sq.M	cu.m	8775.00
05034B2	0	Providing and laying controlled cement concrete M.250 exposed work with curing etc. complete including the cost of formwork but excluding the cost of reinforcement for R.C.C. work in (B) COLUMNS:(ii) Having cross-sectional area more than 0.08 Sq.M and upto 0.18 Sq.M	cu.m	7863.00
05034B3	0	Providing and laying controlled cement concrete M.250 exposed work with curing etc. complete including the cost of formwork but excluding the cost of reinforcement for R.C.C. work in (B) COLUMNS: (iii) Having cross-sectional area more than 0.12Sq.M and upto 0.18 Sq.M	cu.m	6794.00
5035	0	Providing and applying anticorrosive treatment with polymer base materials to the steel reinforcement including descaling the dust and applying the preventive coating of approved make (for the R.C.C. structures near coastal area only) etc complete.	MT	2432.00
5047		Providing and fixing in expansion joint 100 mm thick SIL FLEX (Capcell HD 100) expansion joint board of best quality and approved make including cutting to required size and shape at all levels etc. complete as directed.	Sqm	3485.00

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Item Code	Item No. as per NBO	Description	Unit	Rate 2015-16
5048		Providing and laying and fixing 50 mm thick expansion joint by hydro cell semi rigid UV resistance with high performance laminated closed cell polythene foam joint filler in sheet foam as directed, etc. complete.	Sqm	1742.00
5049		Providing and laying and fixing 25 mm thick expansion joint by hydro cell semi rigid UV resistance with high performance laminated closed cell polythene foam joint filler in sheet foam as directed, etc. complete.	Sqm	871.00
5050		Applying and providing Expansion joint sealing System on 100 mm wide joint including cleaning of expansion joint by mechanical means provision of adhesive and flexible membrane with required bond length as per manufacturer specification and 4mm thick aluminium strip covering with one side slotted and bolted with suitable system, inclusive of all manpower, machinery and material as per specification and as directed.	Sqm	5575.00
5051		Providing and filling the expansion joint by Thioflex 600 polymer or equivalent confirm to BS 4254-1983 as per required shade and manufactured specification by making groove of 50 mm x 12.5 mm lather by cutting or by repairing groove and removing mortar drop or any other foreign materials including applying primer and filling required size (oversize of joint PU foam etc. complete.	Sqm	602.00
5052		Providing and filling the expansion joint by Thioflex 600 polymer or equivalent confirm to BS 4254-1983 as per required shade and manufactured specification by making groove of 25 mm x 12.5 mm lather by cutting or by repairing groove and removing mortar drop or any other foreign materials including applying primer and filling required size (oversize of joint PU foam etc. complete.	Sqm	320.00
5053		Providing and fixing 25 cm Wide & 3mm thick exterior composite panel on existing expansion joint horizontally & vertically with all material, hardware, accessories & fittings etc completed.	Sqm	1232.00

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Item Code	Item No. as per NBO	Description	Unit	Rate 2015-16
5054		Providing and laying in position Ready Mixed M-150 grade concrete for reinforced cement concrete work , using cement content as per approved Design Mix manufactured in fully automatic batching plant and transported to site of work in transit mixer for a lead up to 10 kms having continuous agitated mixer, manufactured as per mix design of specified grade for reinforced cement concrete work including pumping of R.M.C. from transit mixer to site of laying, excluding the cost of centering shuttering finishing and reinforcement including cost of admixtures in recommended proportions as per IS: 9103 to accelerate/ retard setting of concrete, improve workability without impairing strength and durability as per direction of the Engineer - in - charge. Without Fly Ash (Min cement level as per latest IS 456 shall be maintained) (Cement level 320 kg)	cu.m	3376.00
5055		Providing and laying in position Ready Mixed M-200 grade concrete for reinforced cement concrete work , using cement content as per approved Design Mix manufactured in fully automatic batching plant and transported to site of work in transit mixer for a lead up to 10 kms having continuous agitated mixer, manufactured as per mix design of specified grade for reinforced cement concrete work including pumping of R.M.C. from transit mixer to site of laying, excluding the cost of centering shuttering finishing and reinforcement including cost of admixtures in recommended proportions as per IS: 9103 to accelerate/ retard setting of concrete, improve workability without impairing strength and durability as per direction of the Engineer - in - charge. Without Fly Ash (Min cement level as per latest IS 456 shall be maintained) (Cement level 400 kg)	cu.m	4332.00

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Item Code	Item No. as per NBO	Description	Unit	Rate 2015-16
5056		Providing and laying in position Ready Mixed M-250 grade concrete for reinforced cement concrete work , using cement content as per approved Design Mix manufactured in fully automatic batching plant and transported to site of work in transit mixer for a lead up to 10 kms having continuous agitated mixer, manufactured as per mix design of specified grade for reinforced cement concrete work including pumping of R.M.C. from transit mixer to site of laying, excluding the cost of centering shuttering finishing and reinforcement including cost of admixtures in recommended proportions as per IS: 9103 to accelerate/ retard setting of concrete, improve workability without impairing strength and durability as per direction of the Engineer - in - charge. Without Fly Ash (Min cement level as per latest IS 456 shall be maintained) (Cement level 450 kg)	cu.m	4529.00
5057		Providing and laying in position Ready Mixed M-300 grade concrete for reinforced cement concrete work , using cement content as per approved Design Mix manufactured in fully automatic batching plant and transported to site of work in transit mixer for a lead up to 10 kms having continuous agitated mixer, manufactured as per mix design of specified grade for reinforced cement concrete work including pumping of R.M.C. from transit mixer to site of laying, excluding the cost of centering shuttering finishing and reinforcement including cost of admixtures in recommended proportions as per IS: 9103 to accelerate/ retard setting of concrete, improve workability without impairing strength and durability as per direction of the Engineer - in - charge. Without Fly Ash (Min cement level as per latest IS 456 shall be maintained) (Cement level 475 kg)	cu.m	4679.00

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Item Code	Item No. as per NBO	Description	Unit	Rate 2015-16
5058		Providing and laying in position Ready Mixed M-350 grade concrete for reinforced cement concrete work , using cement content as per approved Design Mix manufactured in fully automatic batching plant and transported to site of work in transit mixer for a lead up to 10 kms having continuous agitated mixer, manufactured as per mix design of specified grade for reinforced cement concrete work including pumping of R.M.C. from transit mixer to site of laying, excluding the cost of centering shuttering finishing and reinforcement including cost of admixtures in recommended proportions as per IS: 9103 to accelerate/ retard setting of concrete, improve workability without impairing strength and durability as per direction of the Engineer - in - charge. Without Fly Ash(Min cement level as per latest IS 456 shall be maintained) (Cement level 500 kg)	cu.m	4828.00
5059		Providing and applying anti carbonation, anti fading, mold resistant, heat insulating, and 100% acrylic breathable decorative external waterproof coating of approved shade having Viscosity @ Room Temperature by Ford cup No. B-4 (dilute 2 parts of product with 1 part of water) 18 to 30 sec. pH of 7.00 to 10.00 and Sp. Gravity @ Room Temperature 1.30+0.1, tested for carbon dioxide diffusion resistance properties for coating materials and coating systems for exterior masonry and concrete as per DIN EN 1062-6 (2002-2010) by a NBA Grade "A" accredited institution.	Sqm	69.90
5060		Providing and fixing CAPCELL HD - 100 pre-moulded compressible filler board in black colour confirming to MoRT&H Specifications (Clause 1015), having minimum density 95kg/cum.metre, non-staining with less than 1% water absorption & compression recovery of 93% minimum as per specification for 12 mm wide expansion joint including cutting to required size and shape at all levels etc. complete as directed.	Sqm	524.00

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Item Code	Item No. as per NBO	Description	Unit	Rate 2015-16
5061		Providing and fixing CAPCELL HD - 100 pre-moulded compressible filler board in black colour confirming to MoRT&H Specifications (Clause 1015), having minimum density 95kg/cum.metre, non-staining with less than 1% water absorption & compression recovery of 93% minimum as per specification for 20 mm wide expansion joint including cutting to required size and shape at all levels etc. complete as directed.	Sqm	771.00
5062		Providing and fixing CAPCELL HD - 100 pre-moulded compressible filler board in black colour confirming to MoRT&H Specifications (Clause 1015), having minimum density 95kg/cum.metre, non-staining with less than 1% water absorption & compression recovery of 93% minimum as per specification for 40 mm wide expansion joint including cutting to required size and shape at all levels etc. complete as directed.	Sqm	1388.00
5063		Providing and applying the elastomeric joint sealant two component, high performance polysulfide formulation conforming to BS:4254 and ASTM C 920 having weathering resistance to ultra-violet rays and shall exhibit shore A hardness of 25 and have movement accommodation factor 25% including using of compatible primer of approved standard etc. complete. for 12 mm thick joint	Rmt	156.00
5064		Providing and applying the elastomeric joint sealant two component, high performance polysulfide formulation conforming to BS:4254 and ASTM C 920 having weathering resistance to ultra-violet rays and shall exhibit shore A hardness of 25 and have movement accommodation factor 25% including using of compatible primer of approved standard etc. complete. For 20 mm thick joint	Rmt	238.00

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Item Code	Item No. as per NBO	Description	Unit	Rate 2015-16
CHAPTER : 6 : BRICK WORK				
06001A	6.12	Brick work using common burnt clay building bricks having crushing strength not less than 35 kg./Sq.Cm. in foundation and plinth in Cement Mortar 1:5. (1- Cement : 5 -fine sand)(A) Modular (upto 10 ton)	cu.m	3096.00
06001B	6.12	Brick work using common burnt clay building bricks having crushing strength not less than 35 kg./Sq.Cm. in foundation and plinth in Cement Mortar 1:5. (1- Cement : 5 -fine sand)(B) Conventional (upto 10 ton)	cu.m	2872.00
06001C	6.12	Brick work using common burnt clay building bricks having crushing strength not less than 35 kg./Sq.Cm. in foundation and plinth in Cement Mortar 1:5. (1- Cement : 5 -fine sand)(C) Fly Ash Bricks (upto 10 ton)	cu.m	3242.00
06002A	6.13	Brick work using common burnt clay building bricks having crushing strength not less than 35 kg./Sq.Cm. in foundation and plinth in Cement Mortar 1:6 (1- Cement : 6 -fine sand)(A) Modular (upto 10 ton)	cu.m	3032.00
06002B	6.13	Brick work using common burnt clay building bricks having crushing strength not less than 35 kg./Sq.Cm. in foundation and plinth in Cement Mortar 1:6 (1- Cement : 6 -fine sand)(B) Conventional (upto 10 ton)	cu.m	2798.00
06002C	6.13	Brick work using common burnt clay building bricks having crushing strength not less than 35 kg./Sq.Cm. in foundation and plinth in Cement Mortar 1:6 (1- Cement : 6 -fine sand)(C) Fly Ash Bricks (upto 10 ton)	cu.m	3168.00
06003A	0	Brick work using common burnt clay building bricks having crushing strength not less than 35 kg./Sq.Cm. in foundation and plinth in Cement Mortar 1:8 (1- Cement : 8 -fine sand)(A) Modular (upto 10 ton)	cu.m	3014.00
06003B	0	Brick work using common burnt clay building bricks having crushing strength not less than 35 kg./Sq.Cm. in foundation and plinth in Cement Mortar 1:8 (1- Cement : 8 -fine sand)(B) Conventional (upto 10 ton)	cu.m	2727.00

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06003C	0	Brick work using common burnt clay building bricks having crushing strength not less than 35 kg./Sq.Cm. in foundation and plinth in Cement Mortar 1:8 (1- Cement : 8 -fine sand)(C) Fly Ash Bricks (upto 10 ton)	cu.m	3096.00
06004A	0	Brick work using common burnt clay building bricks having crushing strength not less than 35 kg./Sq.Cm. in foundation and plinth in Lime Mortar 1:1.5 (1- Lime putty :1.5 -fine sand)(A) Modular (upto 10 ton)	cu.m	2969.00
06004B	0	Brick work using common burnt clay building bricks having crushing strength not less than 35 kg./Sq.Cm. in foundation and plinth in Lime Mortar 1:1.5 (1- Lime putty :1.5 -fine sand)(B) Conventional (upto 10 ton)	cu.m	2727.00
06004C	0	Brick work using common burnt clay building bricks having crushing strength not less than 35 kg./Sq.Cm. in foundation and plinth in Lime Mortar 1:1.5 (1- Lime putty :1.5 -fine sand)(C) Fly Ash Bricks (upto 10 ton)	cu.m	3070.00
06005A	0	Brick work using common burnt clay building bricks having crushing strength not less than 35 kg./Sq.Cm. in foundation and plinth in Lime Mortar 1: 2 (1- Lime putty : 2 -fine sand)(A) Modular (upto 10 ton)	cu.m	2940.00
06005B	0	Brick work using common burnt clay building bricks having crushing strength not less than 35 kg./Sq.Cm. in foundation and plinth in Lime Mortar 1: 2 (1- Lime putty : 2 -fine sand)(B) Conventional (upto 10 ton)	cu.m	2694.00
06005C	0	Brick work using common burnt clay building bricks having crushing strength not less than 35 kg./Sq.Cm. in foundation and plinth in Lime Mortar 1: 2 (1- Lime putty : 2 -fine sand)(C) Fly Ash Bricks (upto 10 ton)	cu.m	3043.00
06006A	6.19	Extra for brick work in superstructure above plinth level upto floor two level (A) Modular	cu.m	159.00
06006B	6.19	Extra for brick work in superstructure above plinth level upto floor two level (B) Conventional	cu.m	165.00
06006C	6.19	Extra for brick work in superstructure above plinth level upto floor two level(C) Fly Ash Bricks	cu.m	165.00
06007A1	6.2	Extra for brick work in superstructure above floor per floor per two level Item No. 1(6.12) (A) Modular (upto 10 ton)	cu.m	33.40

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06007A2	6.2	Extra for brick work in superstructure above floor per floor per two level Item No. 1(6.12) (B) Conventional (upto 10 ton)	cu.m	31.20
06007A3	6.2	Extra for brick work in superstructure above floor per floor per two level Item No. 1(6.12) (C) Fly Ash Bricks (upto 10 ton)	cu.m	35.00
06007B1	6.2	Extra for brick work in superstructure above floor per floor per two level Item No. 2(6.13) (A) Modular (upto 10 ton)	cu.m	32.70
06007B2	6.2	Extra for brick work in superstructure above floor per floor per two level Item No. 2(6.13) (B) Conventional (upto 10 ton)	cu.m	30.40
06007B3	6.2	Extra for brick work in superstructure above floor per floor per two level Item No. 2(6.13) (C) Fly Ash Bricks (upto 10 ton)	cu.m	34.20
06007C1	6.2	Extra for brick work in superstructure above floor per floor per two level Item No. 3 (A) Modular (upto 10 ton)	cu.m	32.10
06007C2	6.2	Extra for brick work in superstructure above floor per floor per two level Item No. 3 (B) Conventional (upto 10 ton)	cu.m	29.80
06007C3	6.2	Extra for brick work in superstructure above floor per floor per two level Item No. 3 (C) Fly Ash Bricks (upto 10 ton)	cu.m	33.50
06007D1	6.2	Extra for brick work in superstructure above floor per floor per two level Item No. 4 (A) Modular (upto 10 ton)	cu.m	31.90
06007D2	6.2	Extra for brick work in superstructure above floor per floor per two level Item No. 4 (B) Conventional (upto 10 ton)	cu.m	29.60
06007D3	6.2	Extra for brick work in superstructure above floor per floor per two level Item No. 4 (C) Fly Ash Bricks (upto 10 ton)	cu.m	33.30
06007E1	6.2	Extra for brick work in superstructure above floor per floor per two level Item No. 5 (A) Modular (upto 10 ton)	cu.m	31.70
06008A1	6.3	(i) Half brick masonry in common burnt clay building bricks having crushing strength not less than 35 Kg/Sq.Cm. in Cement mortar 1:4 (1-Cement : 4 -coarse sand) in foundation and plinth (A) Modular (upto 10 ton)	Sqm	381.00
06008A2	6.3	(i) Half brick masonry in common burnt clay building bricks having crushing strength not less than 35 Kg/Sq.Cm. in Cement mortar 1:4 (1-Cement : 4 -coarse sand) in foundation and plinth (B) Conventional (upto 10 ton)	Sqm	386.00

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06008A3	6.3	(i) Half brick masonry in common brunt clay building bricks having crushing strength not less than 35 Kg/Sq.Cm. in Cement mortar 1:4 (1-Cement : 4 -coarse sand) in foundation and plinth (C)Fly Ash Bricks (upto 10 ton)	Sqm	430.00
06008B1	6.3	(ii) Half brick masonry in common brunt clay building bricks having crushing strength not less than 35 Kg/Sq.Cm. in Cement mortar 1:5 (1-Cement : 5 -coarse sand) in foundation and plinth (A) Modular (upto 10 ton)	Sqm	371.00
06008B2	6.3	(ii) Half brick masonry in common brunt clay building bricks having crushing strength not less than 35 Kg/Sq.Cm. in Cement mortar 1:5 (1-Cement : 5 -coarse sand) in foundation and plinth (B) Conventional (upto 10 ton)	Sqm	375.00
06008B3	6.3	(ii) Half brick masonry in common brunt clay building bricks having crushing strength not less than 35 Kg/Sq.Cm. in Cement mortar 1:5 (1-Cement : 5 -coarse sand) in foundation and plinth (C)Fly Ash Bricks (upto 10 ton)	Sqm	386.00
06008C1	6.3	(iii) Half brick masonry in common brunt clay building bricks having crushing strength not less than 35 Kg/Sq.Cm. in Lime mortar 1:1.5 (1- Lime : 1.5 -coarse sand) in foundation and plinth (A) Modular (upto 10 ton)	Sqm	356.00
06008C2	6.3	(iii) Half brick masonry in common brunt clay building bricks having crushing strength not less than 35 Kg/Sq.Cm. in Lime mortar 1:1.5 (1- Lime : 1.5 -coarse sand) in foundation and plinth (B) Conventional (upto 10 ton)	Sqm	359.00
06008C3	6.3	(iii) Half brick masonry in common brunt clay building bricks having crushing strength not less than 35 Kg/Sq.Cm. in Lime mortar 1:1.5 (1- Lime : 1.5 -coarse sand) in foundation and plinth (C)Fly Ash Bricks (upto 10 ton)	Sqm	399.00
06008E2	6.2	Extra for brick work in superstructure above floor two level Item No. 5 (B) Coventional (upto 10 ton)	cu.m	28.10
06008E2A	6.2	Extra for brick work in superstructure above floor two level Item No. 5 (B) Coventional (more than 10 ton)	cu.m	26.20

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06009A	6.31	Half brick masonry in common brunt clay building bricks having crushing strength not less than 35 Kg/Sq.Cm. in Cement mortar 1:3 (1-Cement : 3-coarse sand) with 2 Nos of 6mm Mild steel round bars after every three course embedded in Cement Mortar in foundation and plinth (A) Modular (upto 10 ton)	Sqm	433.00
06009B	6.31	Half brick masonry in common brunt clay building bricks having crushing strength not less than 35 Kg/Sq.Cm. in Cement mortar 1:3 (1-Cement : 3-coarse sand) with 2 Nos of 6mm Mild steel round bars after every three course embedded in Cement Mortar in foundation and plinth (B) Conventional (upto 10 ton)	Sqm	441.00
06009C	6.31	Half brick masonry in common brunt clay building bricks having crushing strength not less than 35 Kg/Sq.Cm. in Cement mortar 1:3 (1-Cement : 3-coarse sand) with 2 Nos of 6mm Mild steel round bars after every three course embedded in Cement Mortar in foundation and plinth (C)Fly Ash Bricks (upto 10 ton)	Sqm	486.00
06009E3	6.2	Extra for brick work in superstructure above floor two level Item No. 5 (C) Fly Ash Bricks (upto 10 ton)	cu.m	30.40
06010A	6.32	Extra for half brick masonry in superstructure above plinth level upto floor two level. (A) Modular	Sqm	29.00
06010B	6.32	Extra for half brick masonry in superstructure above plinth level upto floor two level. (B) Conventional	Sqm	32.00
06010C	6.32	Extra for half brick masonry in superstructure above plinth level upto floor two level. (C)Fly Ash Bricks	Sqm	32.00
06011A	6.33	Extra for half brick masonry in superstructure above floor two level. (A) Modular (upto 10 ton)	Sqm	4.30
06011B	6.33	Extra for half brick masonry in superstructure above floor two level.(B) Conventional (upto 10 ton)	Sqm	4.40
06011C	6.33	Extra for half brick masonry in superstructure above floor two level. (C) Fly Ash Bricks (upto 10 ton)	Sqm	4.90

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06012A	6.55	Half brick thick honey- comb brick work with common burnt clay building bricks having crushing strength not less than 35 Kg/Sq.Cm. (i) In Cement Mortar 1:4 (1- Cement : 4 - coarse sand) (upto 10 ton)	Sqm	210.00
06012B	6.55	Half brick thick honey- comb brick work with common burnt clay building bricks having crushing strength not less than 35 Kg/Sq.Cm. (ii) In Cement Mortar 1:5 (1- Cement : 5 - coarse sand) (upto 10 ton)	Sqm	204.00
06012C	6.55	Half brick thick honey- comb brick work with common burnt clay building bricks having crushing strength not less than 35 Kg/Sq.Cm. (iii) Fly Ash Brick In Cement Mortar 1:5 (1-Cement : 5 - coarse sand) (upto 10 ton)	Sqm	230.00
6014		Masonary work using Aerated light weight concrete block having crushing strength not less than 35 kg/sqcm for super structure above plinth level upto floor two level in cement mortar 1:5 (1 cement : 5 fine sand) complete as per Technical Specification	cu.m	4709.00
6015		Providing and laying Precast Lightweight concrete hollow core wall with hollow core concrete unit of approved make & size of 92 mm thick, 600 mm wide and 2400 mm / 2600 mm / 2850 mm / 3000 mm / 3300 mm in legth made from of controlled cement concrete M20 having cube compressive strength not less than 20 MPa jointing with high strength & tensile adhesion non-shrink cementitious joint compound / P.U. Foam. (Plaster not required)	Sqm	747.00
6016		Providing and laying Precast Lightweight concrete hollow core wall with hollow core concrete unit of approved make & size of 120 mm thick, 600 mm wide and 2400 mm / 2600 mm / 2850 mm / 3000 mm / 3300 mm in legth made from of controlled cement concrete M20 having cube compressive strength not less than 20 MPa jointing with high strength & tensile adhesion non-shrink cementitious joint compound / P.U. Foam. (Plaster not required)	Sqm	842.00

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6017		Providing and laying Precast Regular concrete hollow core wall with hollow core concrete unit of approved make & size of 92 mm thick, 600 mm wide and 2400 mm / 2600 mm / 2850 mm / 3000 mm / 3300 mm in length made from of controlled cement concrete M35 having cube compressive strength not less than 35 MPa jointing with high strength & tensile adhesion non-shrink cementitious joint compound / P.U. Foam. (Plaster not required)	Sqm	777.00
6018		Providing and laying Precast Regular concrete hollow core wall with hollow core concrete unit of approved make & size of 120 mm thick, 600 mm wide and 2400 mm / 2600 mm / 2850 mm / 3000 mm / 3300 mm in length made from of controlled cement concrete M35 having cube compressive strength not less than 35 MPa jointing with high strength & tensile adhesion non-shrink cementitious joint compound / P.U. Foam. (Plaster not required)	Sqm	875.00
CHAPTER : 7 : STONE MASONRY				
07001A	7.6	(i) Uncoursed Rubble Masonry with hard stone of approved quality in foundations and plinth in Cement Mortar 1:6 (1-cement : 6-coarse sand including levelling up etc. complete (upto 10 ton)	cu.m	2335.00
07001B	7.6	(ii) Uncoursed Rubble Masonry with hard stone of approved quality in foundations and plinth in Cement Mortar 1:5 (1-cement : 5-coarse sand including levelling up etc. complete (upto 10 ton)	cu.m	2439.00
07001C	7.6	(iii) Uncoursed Rubble Masonry with hard stone of approved quality in foundations and plinth in Lime Mortar 1:1.5 (1-Lime : 1.5-coarse sand including levelling up etc. complete (upto 10 ton)	cu.m	2215.00
7002	7.8	Extra over Item 7.6 for super structure above plinth level upto floor two level	cu.m	220.00
7003	7.9	Extra for additional lift in superstructure above floor two level. (upto 10 ton)	cu.m	23.40
7004	7.17 A	Coursed rubble masonry with hard stone of approved quality in foundations and plinth in Cement Mortar 1:6 (1-Cement : 6-coarse sand) etc. complete. (upto 10 ton)	cu.m	2681.00

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07005A	7.17 B	Coursed rubble masonry with stone of approved quality in foundations and plinth in Cement Mortar 1:5 (1-Cement : 5-coarse sand) etc. complete. (upto 10 ton)	cu.m	2773.00
07005B	7.17 C	Coursed rubble masonry with stone of approved quality in foundations and plinth in Cement Mortar 1:4 (1-Cement : 4-coarse sand) etc. complete. (upto 10 ton)	cu.m	2880.00
07005C	7.17 D	Coursed rubble masonry with stone of approved quality in foundations and plinth in Cement Mortar 1:3 (1-Cement : 3-coarse sand) etc. complete. (upto 10 ton)	cu.m	3079.00
7006	7.19	Extra over item No. 7.17 for superstructure above plinth level upto floor two level	Per floor per cu.m	206.00
7007	7.2	Extra for additional lift in superstructure above floor two level. (upto 10 ton)	Per floor per cu.m	32.00
7008	0	White Stone Bela mesonry block in course in superstructure with stone of approved quality in Lime Mortar 1:1.5 (1-Lime putty : 1.5- finesand) including packing the joints etc. complete. (upto 10 ton)	cu.m	3865.00
7009	0	White Stone Bela mesonry work in partition walls upto 15 cm thickness in cement Mortar 1:4 (1-Cement : 4- course sand) (upto 10 ton)	Sqm	509.00
7010	0	White Stone Bela mesonry block in course in superstructure with stone of approved quality in Lime Mortar 1:5 (1-Cement :5- course sand) including packing the joints etc. complete. (upto 10 ton)	cu.m	4518.00
7011	0	White Stone Bela mesonry block in course in superstructure with stone of approved quality in Lime Mortar 1:6 (1-Cement : 6- course sand) including packing the joints etc. complete. (upto 10 ton)	cu.m	4458.00
7012	7.75	Precast concrete block masonry (including quoin blocks jamb blocks closer etc.) with solid concrete blocks of approved size made of cement concrete 1:3:6 mix (1- Cement : 3 coarse sand: 6- graded stone aggregates of 20 mm and down grade) in foundation and plinth cement mortar 1:6 (upto 10 ton)	cu.m	2390.00
7013	7.93	Extra for masonry work with precast concrete block in superstructue above plinth upto floor two level.	cu.m	165.00

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7014	7.82	Precast concrete block masonry in partition walls 10 cm. thick with solid block of approved size (including quion blocks Jamb blocks closer etc.) made of C.C.1:3:6 (1- Cement : 3- coarse sand : 6 graded stone aggregates 20 mm and down grade) (A) in C.M. 1:4. (upto 10 ton)	Sqm	458.00
7015	0	Providing and laying hollow block masonry 90 mm thick using hollow concrete blocks IS 2185 (Part-I) grade B (5.0) with Cement Mortar 1:4 laying in perfect line level and plinth preparing grading the joints incl. the cost of scaffolding and curing etc. (A) Block masonry in 1:1:8 cement lime mortar	Sqm	273.00
7016	0	Providing and laying hollow block masonry 140 mm thick using follow blocks masonry IS 2185 (Part-I) grade B (5.0) with Cement Mortar 1:4 laying in perfect line level and plint propering groding the jaints ind. the cast of seaffolding and quiring etc . (A) Block masonry in 1:1:8 cement lime mortar	Sqm	341.00
7017	0	Providing and laying hollow block masonry 190 mm thick using follow blocks masonry IS 2185 (Part-I) grade B (5.0) with Cement Mortar 1:4 laying in perfect line level and plint propering groding the jaints ind. the cast of seaffolding and quiring etc (A) Block masonry in 1:1:8 cement lime mortar	Sqm	391.00
CHAPTER : 9 : FORM WORK				
09001A	9.1	Providing formwork of ordinary timber planking so as to give a rough finish including centering shuttering strutting and propping etc. Height of propping and centering below supporting floor to ceiling not exceeding 4 M. and removal of the same for in situ reinforced concrete and plain concrete work in. (A) Foundations Footings Bases of Columns etc. and Mass concrete. (upto 10 ton)	Sqm	109.00

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09001B1	9.1	Providing formwork of ordinary timber planking so as to give a rough finish including centering shuttering strutting and propping etc. Height of propping and centering below supporting floor to ceiling not exceeding 4 M. and removal of the same for in situ reinforced concrete and plain concrete work in. (B) Flat surfaces such as soffits of supspened floors slabs Landings and the like. (1) Floors etc. upto 200 mm in thickness. (upto 10 ton)	Sqm	160.00
09001B2	9.1	Providing formwork of ordinary timber planking so as to give a rough finish including centering shuttering strutting and propping etc. Height of propping and centering below supporting floor to ceiling not exceeding 4 M. and removal of the same for in situ reinforced concrete and plain concrete work in. (B) Flat surfaces such as soffits of suspended floor roof slabs Landings and the like. (2) Floors etc. above 200mm in thickness. (upto 10 ton)	Sqm	172.00
09001C	9.1	Providing formwork of ordinary timber planking so as to give a rough finish including centering shuttering strutting and propping etc. height of propping and centering below supporting floor to ceiling not exceeding 4 M. and removal of the same for in situ reinforced concrete and plain concrete work in. (C) Vertical surface such as walls (any thickness) partitions and the like including attached buttresses & string course & the like. (upto 10 ton)	Sqm	146.00
09001G1	9.1	Providing formwork of ordinary timber planking so as to give a rough finish including centering shuttering strutting and propping etc. height of propping and centering below supporting floor to ceiling not exceeding 4 M. and removal of the same for in situ reinforced concrete and plain concrete work in. (G) Columns PillarsPosts and struts. (1) Square Rectangular Polygonal in plan. (upto 10 ton)	Sqm	189.00

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09001G2	9.1	Providing formwork of ordinary timber planking so as to give a rough finish including centering shuttering strutting and propping etc. height of propping and centering below supporting floor to ceiling not exceeding 4 M. and removal of the same for in situ reinforced concrete and plain concrete work in. (G) Columns Pillars Posts and struts. (2) Circular or curved in Plan. (upto 10 ton)	Sqm	268.00
09001H1	9.1	Providing formwork of ordinary timber planking so as to give a rough finish including centering shuttering strutting and propping etc. height of propping and centering below supporting floor to ceiling not exceeding 4 M. and removal of the same for in situ reinforced concrete and plain concrete work in. (H) (1) Sides and soffits of Beams Beam Haunchings cantilevers Girders Bressumers and Lintels not exceeding 1 M. in Depth. (upto 10 ton)	Sqm	122.00
09001H2	9.1	Providing formwork of ordinary timber planking so as to give a rough finish including centering shuttering strutting and propping etc. height of propping and centering below supporting floor to ceiling not exceeding 4 M. and removal of the same for in situ reinforced concrete and plain concrete work in. (H) (2) Sides and soffits of Beams Beam Haunchings canti-levers Girders Bressumers and Lintels exceeding 1M.in Depth. (upto 10 ton)	Sqm	165.00
09001I	9.1	Providing formwork of ordinary timber planking so as to give a rough finish including centering shuttering strutting and propping etc. height of propping and centering below supporting floor to ceiling not exceeding 4 M. and removal of the same for in situ reinforced concrete and plain concrete work in. (I) Edges of slabs and Breaks in floors and walls. (upto 10 ton)	Sqm	43.00

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09001K	9.1	Providing formwork of ordinary timber planking so as to give a rough finish including centering shuttering strutting and propping etc. height of propping and centering below supporting floor to ceiling not exceeding 4 M. and removal of the same for in situ reinforced concrete and plain concrete work in. (K) Small surface as such as cantiever brackets and ends of steps caps and basses to pilasters and Columns and the like. (upto 10 ton)	Sqm	384.00
09001L	9.1	Providing formwork of ordinary timber planking so as to give a rough finish including centering shuttering strutting and propping etc. height of propping and centering below supporting floor to ceiling not exceeding 4 M. and removal of the same for in situ reinforced concrete and plain concrete work in. (L) Chullah Hoods, weather shades Chhajjas Corbels etc. including edges. (upto 10 ton)	Sqm	98.90
09001M	9.1	Providing formwork of ordinary timber planking so as to give a rough finish including centering shuttering strutting and propping etc. height of propping and centering below supporting floor to ceiling not exceeding 4 M. and removal of the same for in situ reinforced concrete and plain concrete work in. (M) Staircase with sloping or stepped soffits including risers and stringers excluding landing. (upto 10 ton)	Sqm	154.00
09001Q	9.1	Providing formwork of ordinary timber planking so as to give a rough finish including centering shuttering strutting and propping etc. height of propping and centering below supporting floor to ceiling not exceeding 4 M. and removal of the same for in situ reinforced concrete and plain concrete work in. (Q) Vertical fins and vertical sun breakers. (upto 10 ton)	Sqm	243.00
09002A	9.2	Extra for additional height of propping and centering where the height of propping and centering exceeds 4 .O M between supporting floor to ceiling including temporary brick or stone pillars for supporting as required. (i)Height more than 4.0 M.and upto 5.0 M. (upto 10 ton)	Sqm	259.00

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09002B	9.2	Extra for additional height of propping and centering where the height of propping and centering exceeds 4 .O M between supporting floor to ceiling including temporary brick or stone pillars for supporting as required. (ii) Height more than 5.0 M.and upto 6.0 M. (upto 10 ton)	Sqm	504.00
09002C	9.2	Extra for additional height of propping and centering where the height of propping and centering exceeds 4 .O M between supporting floor to ceiling including temporary brick or stone pillars for supporting as required. (iii) Height more than 6.0 M. and upto 7.0 M (upto 10 ton)	Sqm	364.00
09003A	9.7	Extra for Providing formwork with sheathing steel sheets so as to give a fair finish in (A) Foundations, Footings, Bases of Columns etc. and Mass concrete (upto 10 ton)	Sqm	67.00
09003B1	9.7	Extra for Providing formwork with sheathing steel sheets so as to give a fair finish in (B)Flat surfaces such as soffits of slabs Landings and the like. (1) Floors etc. upto 200mm in thickness. (upto 10 ton)	Sqm	67.00
09003B2	9.7	Extra for Providing formwork with sheathing steel sheets so as to give a fair finish in (B) Flat surfaces such as soffits of slabs Landings and the like. 2) Floors etc.above 200mm in thickness. (upto 10 ton)	Sqm	67.00
09003C	9.7	Extra for Providing formwork with sheathing steel sheets so as to give a fair finish in (C)Vertical surface such as walls (anythickness) partitions & lime including attached pilasters buttresses plinth & string course & like. (upto 10 ton)	Sqm	67.00
09003G1	9.7	Extra for Providing formwork with sheathing steel sheets so as to give a fair finish in (G) Columns, Pillars, Posts and struts. (1) Square, Rectangular or polygonal in plan. (upto 10 ton)	Sqm	67.00
09003G2	9.7	Extra for Providing formwork with sheathing steel sheets so as to give a fair finish in (G) Columns, Pillars, Posts and struts. (2) Circular or curved in plan (upto 10 ton)	Sqm	67.00
09003H1	9.7	Extra for Providing formwork with sheathing steel sheets so as to give a fair finish in (H)(1) Sides and soffits of Beams, Beam Haunchingscantilevers Girders, Bressumers and Lintels not exceeding 1 M. in Depth. (upto 10 ton)	Sqm	67.00

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09003H2	9.7	Extra for Providing formwork with sheathing steel sheets so as to give a fair finish in (H) (2) Sides and soffits of Beams, Beam Haunchings cantilevers Girders, Bressumers and Lintels exceeding 1 M. in Depth. (upto 10 ton)	Sqm	67.00
09003I	9.7	Extra for Providing formwork with sheathing steel sheets so as to give a fair finish in (I) Edges of slabs and Breaks in floors and walls. (upto 10 ton)	Sqm	67.00
09003K	9.7	Extra for Providing formwork with sheathing steel sheets so as to give a fair finish in (K) Small surfaceas such as centilever endsnBrackets and end of steps caps and basses to pilasters and Columns including edges. (upto 10 ton)	Sqm	67.00
09003L	9.7	Extra for Providing formwork with sheathing steel sheets so as to give a fair finish in (L) Chullah Hoods weather Shades Chhajjas Corbels etc. and the like. (upto 10 ton)	Sqm	67.00
09003M	9.7	Extra for Providing formwork with sheathing steel sheets so as to give a fair finish in (M)Staircase with sloping or stepped soffits including sisers and stringers excluding landing. (upto 10 ton)	Sqm	67.00
09003Q	9.7	Extra for Providing formwork with sheathing steel sheets so as to give a fair finish in (Q)Vertical fins and vertical sun breakers. (upto 10 ton)	Sqm	67.00

CHAPTER : 10 : WOODWORK AND JOINERY

10001	10.1	Providing wood work in frames of Doors, windows cleare story windows and othersimilar works wrought, framede and fixed in position. (A) Indian Teak Wood (upto 10 ton)	10 Cu.Dm.	691.00
10002	10.4	Providing wood work in Trusses, Purling, Rafter, Post,Post Plates, wall plates and the like wrought framed, hoisted and fixed in position (upto 10 ton)	Cu.Dm.	914.00
10003	10.5	Providing wood work in frames of false- ceiling, partitions etc sawn and put up in position. (A) Indian Teak Wood (upto 10 ton)	Cu.Dm.	717.00
10004A	10.12	Providing and fixing 35 mm thick shutters for Doors, windows and clear story windows including anodised alluminium butt hinges with necessary screws.(A) Indian Teak Wood (1) Fully Panelled (upto 10 ton)	Cu.Dm.	3074.00

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Item Code	Item No. as per NBO	Description	Unit	Rate 2015-16
10004B	10.12	Providing and fixing 35 mm thick shutters for Doors, windows and clear story windows including anodised alluminium butt hinges with necessary screws. (A) Indian Teak Wood (ii) Fully Glazed. (upto 10 ton)	Sqm	2267.00
10004C	10.12	Providing and fixing 35 mm thick shutters for Doors, windows and clear story windows including anodised alluminium butt hinges with necessary screws. (A) Indian Teak Wood(iii) Partly panelled and partly glazed. (upto 10 ton)	Sqm	2670.00
10005A	10.13	Providing and fixing 35 mm thick shutters for Doors, windows and clearstory windows including blackenamelled M.S. butt hinges with necessary screws. (A) Indian teak wood. (i) Fully Panelled. (upto 10 ton)	Sqm	3007.00
10005B	10.13	Providing and fixing 35 mm thick shutters for Doors, windows and clearstory windows including blackenamelled M.S. butt hinges with necessary screws. (A) Indian teak wood. (ii) Fully Glazed. (upto 10 ton)	Sqm	2201.00
10005C	10.13	Providing and fixing 35 mm thick shutters for Doors, windows and clearstory windows including blackenamelled M.S. butt hinges with necessary screws. (A) Indian teak wood. (iii) Partly panelled and partly glazed. (upto 10 ton)	Sqm	2604.00
10006A	10.15	Providing and fixing 25 mm thick shutters for cupboards etc. including anodised alluminium butt hinges with necessary screws. (A) Indian teak wood. (i) Fully Panelled. (upto 10 ton)	Sqm	2320.00
10006B	10.15	Providing and fixing 25 mm thick shutters for cupboards etc. including anodised alluminium butt hinges with necessary screws. (A) Indian teak wood. (ii) Fully Glazed. (upto 10 ton)	Sqm	1814.00
10006C	10.15	Providing and fixing 25 mm thick shutters for cupboards etc. including anodised alluminium butt hinges with necessary screws. (A) Indian teak wood. (iii) Partly panelled and partly glazed. (upto 10 ton)	Sqm	2067.00
10007A	10.16	Providing and fixing 25 mm thick shutters for cupboards etc. including black enamelled M.S. butt hinges with necessary screws. (A) Indian teak wood. (i) Fully Panelled. (upto 10 ton)	Sqm	2310.00

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Item Code	Item No. as per NBO	Description	Unit	Rate 2015-16
10007B	10.16	Providing and fixing 25 mm thick shutters for cupboards etc. including black enamelled M.S. butt hinges with necessary screws. (A) Indian teak wood. (ii) Fully Glazed. (upto 10 ton)	Sqm	1803.00
10007C	10.16	Providing and fixing 25 mm thick shutters for cupboards etc. including black enamelled M.S. butt hinges with necessary screws. (A) Indian teak wood. (iii) Partly panelled and partly glazed. (upto 10 ton)	Sqm	1895.00
10008	0	Add extra for providing and fixing 40 mm thick shutters instead of 35 mm thick shutters. (upto 10 ton)	Sqm	238.00
10009A	10.23	Providing and fixing 35 mm thick panelled ,glazed or panelled and glazed shutters, for Doors windows and clearstory windows including anodised alluminium But hinges with necessary screws and indian teak wood shutters with. (A) Plywood sheet panels. (upto 10 ton)	Sqm	2571.00
10009B	10.23	Providing and fixing 35 mm thick panelled ,glazed or panelled and glazed shutters, for Doors windows and clearstory windows including anodised alluminium But hinges with necessary screws and indian teak wood shutters with. (B) Particle board panels (upto 10 ton)	Sqm	2545.00
10009C	10.23	Providing and fixing 35 mm thick panelled ,glazed or panelled and glazed shutters, for Doors windows and clearstory windows including anodised alluminium But hinges with necessary screws and indian teak wood shutters with. (C) Hard board panels. (upto 10 ton)	Sqm	2522.00
10009D	10.23	Providing and fixing 35 mm thick panelled ,glazed or panelled and glazed shutters, for Doors windows and clearstory windows including anodised alluminium But hinges with necessary screws and indian teak wood shutters with. (D) Asbestos sheet panels. (upto 10 ton)	Sqm	2533.00
10010A	10.24	Providing and fixing 35 mm thick panelled ,glazed or panelled and glazed shutters, for Doors windows and clearstory windows including black enamelled M.S. But hinges with necessary screws. (A) Plywood sheet panels. (upto 10 ton)	Sqm	2508.00

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Item Code	Item No. as per NBO	Description	Unit	Rate 2015-16
10010B	10.24	Providing and fixing 35 mm thick panelled ,glazed or panelled and glazed shutters, for Doors windows and clearstory windows including black enamelled M.S. But hinges with necessary screws. (B) Particle board panels (upto 10 ton)	Sqm	2481.00
10010C	10.24	Providing and fixing 35 mm thick panelled ,glazed or panelled and glazed shutters, for Doors windows and clearstory windows including black enamelled M.S. But hinges with necessary screws. (C) Hard board panels. (upto 10 ton)	Sqm	2459.00
10010D	10.24	Providing and fixing 35 mm thick panelled ,glazed or panelled and glazed shutters, for Doors windows and clearstory windows including black enamelled M.S. But hinges with necessary screws . (D) Asbestos sheet panels. (upto 10 ton)	Sqm	2468.00
10011	10.3	Providing and fixing flush door shutters, solid core construction with frame of first class hardwood with cross board and face veneer or plywood face panels, including anodised 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.	Sqm	1696.00
10012	10.37	Extra for using bright finished M.S. piano hinges of (A) Nickel plated piano hinges.	Sqm	594.00
10013	10.39	Extra for providing vision panel not exceeding 0.1 Sq.M. in all types of flush doors. (A) Rectangular or Square.	Sqm	15.30
10014	10.5	Providing and fixing 30 mm wire gauge shutters using galvanised M.S. wire of I.S. gauge designation of 85 G. with wire of 0.56 mm dia,for Doors, windows and clearstory windows including anodised aluminium butt hinges with necessary screws. (A) Indian teak wood. (upto 10 ton)	Sqm	1905.00
10015	10.5	Providing and fixing 30 mm wire gauge shutters using galvanised M.S. wire of I.S. gauge designation of 85 G. with wire of 0.56 mm dia,for Doors, windows and clearstory windows including bright finished or/ and black enamelled M.S. butt hinges with necessary Mango wood or equivalent quality. (upto 10 ton)	Sqm	987.00

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Item Code	Item No. as per NBO	Description	Unit	Rate 2015-16
10016	10.5	Extra for providing and fixing galvanised M.S wire gauge of I.S. gauge designation 140 G,to 000 Rs. windows and cleastory windows with wire of dia 0.71 mm instead of I,S,gauge designation 85 G.with wire of dia.0.56 mm.	Sqm	34.10
10017	10.7	Providing and fixing 12 mm thick and 100mm wide pelmet of flat pressed 3 layer neneed particle board solid core with 25 mm diametre alluminium curtain Road and brackets including fixing with 25mm x 3mm M.S flat 10cm,long and plugs etc.complete.	Rmt	146.00
10018	10.8	Providing and fixing 40mm panelled, Glazed or panelled and glazed partitions fixed to frames with iron scews etc. complete with indian teak wood (Frames tobe paid separately) (upto 10 ton)	Sqm	2479.00
10019	10.9	Providing and fixing Decorative plywood 4mm thick in partitions including fixing to frames with screws etc, complete with 50mm x 12mm teak wood beading (Frames tobe paid separately) (upto 10 ton)	Sqm	607.00
10020	10.9	Providing and fixing plain asbestos cement sheet 6mm thick in partitions including fixing to fames with screws etc, complete with 50mm x 12mm Deodar wood beading (Frames tobe paid separately) (upto 10 ton)	Sqm	224.00
10021	10.9	Providing and fixing in partitions 4mm thick medium hard board of approved quality including fixing to fames with screws etc, complete with 50mm x 12mm teak wood beading (Frames tobe paid separately) (upto 10 ton)	Sqm	328.00
10022	11	25 mm thick wooden shelves supported on 40 x 40mm x 6 mm T or L iron brackets fixed at suitable distances but not exceeding 75 cm. apart with Mango wood or equivalent quality. (upto 10 ton)	Sqm	1360.00
10023	11	40 mm thick wooden shelves supported on 40 x 40mm x 6 mm T or L iron brackets fixed at suitable distances not exceeding 75 cm. apart with Mango wood or equivalent quality. (upto 10 ton)	Sqm	1810.00
10024	11	Providing and fixing M.S. round or square bars with M.S.flats at required spacing in wooden frames of windows and clerestory windows. (upto 10 ton)	kg	44.70

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10025A	10.1	Providing and fixing M.S. grills of required pattern to wooden frames of windows etc. with M.S. flats at required spacings and frame alround, square or round bars with round headed bolts and nuts or by screws (A) Plain Grill. (upto 10 ton)	kg	63.60
10025B	10.1	Providing and fixing M.S. grills of required pattern to wooden frames of windows etc. with M.S. flats at required spacings and frame alround, square or round bars with round headed bolts and nuts or by screws. (B) ORNAMENTAL GRILL (upto 10 ton)	kg	91.20
10026	10.1	Providing and fixing hard drawn steel wire fabric 75mm x 25mm mesh or weight not less than 7.75 kg. per Sq.M. to window frames etc. including 60 x 20mm beading of teak wood. (upto 10 ton)	Sqm	674.00
10027	10.1	Providing and fixing Fly proof galvanised M.S. wire gauge of I.S.I gauge designation 85 G. with wire of dia.0.56 mm to windows and celevating windows including 60 x 20mm beading of teak wood. (upto 10 ton)	Sqm	566.00
10028	10.1	Providing and fixing first class indian teak wood 75mm x 60mm moulded hand rails in straight lengths complete. (upto 10 ton)	Rmt	550.00
10029A	0	(i) Providing and fixing glazed louvered glass windows and ventilators with teak wood frame 10cm. x 7cm. size including 3 coats of oil painting to wood work etc.complete. (upto 10 ton)	Sqm	3515.00
10029B	0	(ii) Providing and fixing glazed louvered glass windows and ventilators with teak wood frame 10cm. x 7cm. size including 3 coats of oil painting to wood work etc.complete. with wooden louvers plank 12mm thick (upto 10 ton)	Sqm	3872.00
10030A	0	Providing and fixing 35 mm thick shutters for Doors, windows and clerestory windows including Indian teak wood frames 10 cm x 7 cm. size including anodized alluminium fixtures and fastenings including primer coat of approved quality and two coats of oil painting etc, complete. (i) Fully Glazed.	Sqm	3949.00

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Item Code	Item No. as per NBO	Description	Unit	Rate 2015-16
10030B	0	Providing and fixing 35 mm thick shutters for Doors, windows and clerestory windows including Indian teak wood frames 10 cm x 7 cm. size including anodized alluminium fixtures and fastenings including primer coat of approved quality and two coats of oil painting etc, complete. (ii) Fully Panelled.	Sqm	4756.00
10030C	0	Providing and fixing 35 mm thick shutters for Doors, windows and clerestory windows including Indian teak wood frames 10 cm x 7 cm. size including anodized alluminium fixtures and fastenings including primer coat of approved quality and two coats of oil painting etc, complete. (iii) Partly panelled and partly glazed.	Sqm	4352.00
10031A	0	Providing and fixing 35 mm thick shutters for Doors, windows and clerestory windows including Indian teak wood frames 10 cm x 7 cm. size including black enamelled iron oxidixed fixtures and fastenings including primer coat of approved quality and two coats of oil painting etc, complete. (i) Fully Glazed.	Sqm	3784.00
10031B	0	Providing and fixing 35 mm thick shutters for Doors, windows and clerestory windows including Indian teak wood frames 10 cm x 7 cm. size including black enamelled iron oxidixed fixtures and fastenings including primer coat of approved quality and two coats of oil painting etc, complete. (ii) Fully Panelled.	Sqm	4591.00
10031C	0	Providing and fixing 35 mm thick shutters for Doors, windows and clerestory windows including Indian teak wood frames 10 cm x 7 cm. size including black enamelled iron oxidixed fixtures and fastenings including primer coat of approved quality and two coats of oil painting etc, complete. (iii) Partly panelled and partly glazed.	Sqm	4187.00
10032A	0	Providing and fixing 35 mm thick shutters for Doors, windows and clerestory windows including Indian teak wood frames 12 cm x 7 cm. size including anodized alluminium fixtures and fastenings including primer coat of approved quality and two coats of oil painting etc, complete. (i) Fully Glazed.	Sqm	4201.00

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Item Code	Item No. as per NBO	Description	Unit	Rate 2015-16
10032B	0	Providing and fixing 35 mm thick shutters for Doors, windows and clerestory windows including Indian teak wood frames 12 cm x 7 cm. size including anodized aluminium fixtures and fastenings including primer coat of approved quality and two coats of oil painting etc, complete. (ii) Fully Panelled.	Sqm	5008.00
10032C	0	Providing and fixing 35 mm thick shutters for Doors, windows and clerestory windows including Indian teak wood frames 12 cm x 7 cm. size including anodized aluminium fixtures and fastenings including primer coat of approved quality and two coats of oil painting etc, complete. (iii) Partly panelled and partly glazed.	Sqm	4604.00
10033A	0	Providing and fixing 35 mm thick shutters for Doors, windows and clerestory windows including Indian teak wood frames 12 cm x 7 cm. size including black enamelled iron oxidized fixtures and fastenings including primer coat of approved quality and two coats of oil painting etc, complete. (i) Fully Glazed.	Sqm	4036.00
10033B	0	Providing and fixing 35 mm thick shutters for Doors, windows and clerestory windows including Indian teak wood frames 12 cm x 7 cm. size including black enamelled iron oxidized fixtures and fastenings including primer coat of approved quality and two coats of oil painting etc, complete. (ii) Fully Panelled.	Sqm	4843.00
10033C	0	Providing and fixing 35 mm thick shutters for Doors, windows and clerestory windows including Indian teak wood frames 12 cm x 7 cm. size including black enamelled iron oxidized fixtures and fastenings including primer coat of approved quality and two coats of oil painting etc, complete. (iii) Partly panelled and partly glazed.	Sqm	4439.00
10034	0	Add extra for providing and fixing 40mm thick shutters instead of 35 mm thick shutters including oil painting etc. complete.	Sqm	194.00
10035	0	Deduct for providing and fixing 25mm thick shutters instead of 35 mm thick shutters including oil painting etc. complete.	Sqm	378.00

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Item Code	Item No. as per NBO	Description	Unit	Rate 2015-16
10036		Providing and fixing FRP frame size 125x65 mm and 35mm thick FRP shutter with wood grain raised paneled design finish shutter having extra reinforcement on sides & edges in Gel coat finish. The core of the shutter & frame is to be filed up with injected polyurethane foam done in situ alongwith embedded wooden pieces for stiffening & also taking hinges & finitres. The whole FRP frame & shutter is to be water proof weather proof, termite proof & resistance to mild acid/alkali. Rates are to be inclusive of S.S hinges with fastener sleeve & alluminium fixtures & fastenings.	Sqm	3823.00
10037		Providing and fixing FRP frame size 100x50 mm and 28mm thick FRP depress panel shutter having extra reinforcement on sides & edges in Gel coat finish. The core of the shutter & frame is to be filed up with injected fire retardant grade polyurethane foam done in situ alongwith embedded wooden pieces for stiffening & also taking hinges & finitres. The whole FRP frame & shutter is to be water proof weather proof, termite proof & resistance to mild acid/alkali. Rates are to be inclusive of S.S hinges with necessary screws & alluminium fixtures & fastenings & fastener sleeve.	Sqm	3283.00
10038		Providing and fixing FRP frame size 125x65 mm and 35mm thick FRP shutter having extra reinforcement on sides & edges in polish finish. The core of the shutter & frame is to be filed up with injected polyurethane foam done in situ alongwith embedded wooden pieces for stiffening & also taking hinges & finitres. The whole FRP frame & shutter is to be water proof weather proof, termite proof & resistance to mild acid/alkali. Rates are to be inclusive of S.S hinges with necessary screws & alluminium S.S fixtures & fastenings & fastener sleeve.	Sqm	4363.00

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Item Code	Item No. as per NBO	Description	Unit	Rate 2015-16
10039		Providing and fixing FRP of 28mm thick Fibre Glass shutter with 1.5 to 2.0 mm thick fire retardent grade FRP skin in depressed panel design having extra reinforcement on sides & edges & in Gel coat finish. The core of the shutter is to be filled up with injected retardent grade polyurethane foam done in situ alongwith embedded wooden pieces for stiffening & also taking hinges & fintures. The whole FRP frame & shutter is to be water proof ,weather proof, termite proof & resistance to mild acid/alkali. Rates are to be inclusive of S.S hinges with necessary screws & alluminium S.S fixtures & fastenings & fastener sleeve.	Sqm	2293.00
10040		Providing and fixing FRP of 35mm thick Fiber Glass shutter with 1.5 to 2.0 mm thick fire retardent grade FRP skin in depressed panel design having extra reinforcement on sides & edges & in Gel coat finish. The core of the shutter is to be filled up with injected retardent grade polyurethane foam done in situ alongwith embedded wooden pieces for stiffening & also taking hinges & fintures. The whole FRP frame & shutter is to be water proof ,weather proof, termite proof & resistance to mild acid/alkali. Rates are to be inclusive of S.S hinges with necessary screws & alluminium fixtures & fastenings.	Sqm	2778.00
10041		Supply of 35mm thick Fiber Glass shutter with 1.5 to 2.0 mm thick fire retardent grade FRP skin in wood grain rasied panel design having extra reinforcement on sides & edges & in polish design finish. The core of the shutter is to be filled up with injected retardent grade polyurethane foam done in situ alongwith embedded wooden pieces for stiffening & also taking hinges & fintures. The whole shutter is to be water proof ,weather proof, termite proof & resistance to mild acid/alkali. Rates are to be inclusive of S.S hinges with necessary screws & alluminium S.S finish fixtures & fastenings.	Sqm	3339.00

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Item Code	Item No. as per NBO	Description	Unit	Rate 2015-16
10042		Providing and fixing window shutter of 75x30 mm size with 4mm fully glazed panels with PVC batten main frame size having 1.5 to 2.0 mm thick fire retardant grade FRP shutter having extra reinforcement on sides & edges in polish finish. The core of the shutter & frame is to be filled up with injected polyurethane foam done in situ alongwith embedded wooden pieces for stiffening & also taking hinges & fixtures. The whole FRP frame & shutter is to be water proof weather proof, termite proof & resistance to mild acid/alkali. Rates are to be inclusive of S.S hinges with necessary screws & aluminium S.S fixtures & fastenings & fastener sleeve.	Sqm	3755.00
10043		Providing and fixing 30mm thick FACTORY MADE SOLID PANEL PVC DOOR SHUTTER consisting of frame made out of M.S. tubes of 19 gauge thickness and size of 19mm x 19mm for stiles and 15mm x 15 mm for top and bottom rails. M.S. frame shall have a coat of steel primers of approved make and manufacture, M.S. frame shall be covered with 5 mm thick heat moulded PVC 'C' channel of size 30 x 50 mm forming stiles, and 5mm thick 75mm wide PVC sheets for top rail, lock rail and bottom rail on either side, and 10mm (5mm x 2) thick, 20mm wide cross PVC sheet as gap insert for top rail and bottom rail, Panelling of 5 stiles and rails with 30mm wide x 5mm thick PVC sheet beading on either side, and joined together with solvent cement adhesive,. An additional 5mm thick PVC strip of 20mm width is to be stuck on the interior side of the 'c' channel using PVC solvent cement adhesive etc. complete as per direction of Engineer in charge, manufacture's specification and drawing.	sqm	1632.00

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Item Code	Item No. as per NBO	Description	Unit	Rate 2015-16
10044		Providing and fixing 30mm thick FACTORY MADE SOLID BOTH SIDE PRELAM PANEL PVC DOOR SHUTTER consisting of frame made out of M.S. tubes of 19 gauge thickness and size of 19mm x 19mm for stiles, top and bottom rails. M.S. frame shall have a coat of steel primer of approved make and manufactures. M.S frame covered with 5mm thick heat moulded prelam PVC 'C' channel of size 30mm thickness, 70 mm width of which 50mm shall be flat and 20mm shall be tapered in 45 degree Angle on either side forming stiles, and 5mm thick, 95mm wide prelam PVC sheet out of which 75mm shall be flat and 20mm shall be tapered in 45 degree on the inner side of form top and bottom rail and 115mm wide prelam PVC sheet out of which 75mm shall be flat and 20mm shall be tapered on both side to form lock rail, Top, bottom and lock rails shall be provided either side of the panel. 10mm (5mm x 2) thick 20mm wide cross PVC sheet shall be provided as gap insert for top rail and bottom rails. Panelling of 5mm thick both side prelam PVC sheet to be fitted in the M.S. frame welded,sealed to the stiles and rails with 7mm (5mm + 2 mm) thick x 15mm wide	sqm	2214.00

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Item Code	Item No. as per NBO	Description	Unit	Rate 2015-16
10045		Providing and fixing 30mm thick FACTORY MADE SOLID SINGLE SIDE PRELAM PANEL PVC DOOR SHUTTER consisting of frame made out of M.S. tubes of 19 gauge thickness and size of 19mm x 19mm for stiles, and 15mm x 15mm for top and bottom rails. The M.s. frame shall have coat of steel primers of approved make and manufacture. The M.S. frame shall be covered with 5mm thick heat moulded single side prelam PVC 'C' channel of size 30 x 50mm to form stiles and 5mm thick and 75mm wide single side prelam PVC sheets shall be for the top, bottom and lock rails. Paneling of 5mm thick one side prelam sheet to be fitted in the M.S. frame and sealed to the front (Prelam side) stiles and rails (which should have a 5mm 45 degree bent portion as beading) and attached to the back (white/ivory) stiles and rails (which should have a 10mm 90 degree bent portion as beading) using 2 nos. 15mm wide x 5mm thick PVC sheet beading inside the 9 degree bent beading. All stiles, rails and beading to be joined to the panel using solvent cement. An additional 5mm thick PVC strip of 20mm width is to be stuck on the interior side of the 'C' channel using PVC	sqm	2003.00

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Item Code	Item No. as per NBO	Description	Unit	Rate 2015-16
10046		Providing and fixing 30mm thick FACTOR MADE FULLY GLAZED SOLID PVC DOOR SHUTTER consisting of frame made out of M.S. tube of 19mm gauge thickness and size of 19mm x 19mm for styles and 15mm x 15mm for top, lock and bottom rails M.S. frame shall have a coat of steel primer of approved make and manufacture, M.s. frame shall be covered with 5mm thick heat moulded PVC 'C' channel of size 75mm x 30mm x 50mm out of which 10mm shall be bent at 90 degree towards inner side on front face of the door forming stiles. For top rail and bottom rail, M.S. frame shall be covered with 5mm thick, 100mm wide PVC sheet out of which 10mm shall be bent of 90 degree towards inner side on front face of the door. M.S. frame at lock rail shall be covered with 125 mm wide PVC sheet out of which 10mm on both the edges shall be bent at 90 degree on front face of the door and 75mm wide PVC sheet shall cover the M.S. frame at top, lock and bottom rail on side of door, 5mm thick 20mm wide cross PVC sheet as gap insert for top and bottom rail. PVC sheet beading of 15mm thick (5mm x 30, 15mm wide to be stuck,	sqm	2013.00

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Item Code	Item No. as per NBO	Description	Unit	Rate 2015-16
10047		Providing and fixing 30mm thick factory made wire guazed solid PVC Door shutter consisting of frame made out of M.S. tubes of 19 gauge thickness and size of 19mm x 19mm for stiles and 15mm x 15mm for top, lock and bottm rails, M.S. frame shall have a coat of steel primers of approved make and manufacture, 19mm x 19mm M.S. square tubes shall be coveed with 5mm thick head moulded PVC 'C' channel of size 30mm thickness, 90mm width out of which 75mm shall be flat and 15 mm shall be bent in 90 degree angle on either side forming stiles and 5mm thick 115mm wide PVC sheet out of which 100mm shal be flat and 15mm shal be betn in 90 degree on the inner side to from top and bottom rails and 130mm wide PVC sheet out of which 100mm shal be flat and 15mm shal be bent in 90 degree on both side to from lock rail 10mm (5mm x 2) thick, 20mm wide cross PVC sheet as gap insert for top rail and bottom rail, panel will be of G.I. wire gauge of 24 gauge to be fitted in by 'C' channel of size 10mm x 35mm on the either side in the stiles.The inner side 'C' channel is fixed by 19mm x 19mm M.S. tube	sqm	1968.00
10048		Providing and fixing 35mm thick factory made moulded door shuter consisting of solid core single leaf flush door of 30mm thickness, lipped with 15mm (5mm x 3) thick x 30mm width on one stiles and top rail and 10mm (5mm x 2) thick x 30mm width on the other stiles and bottom rails. The inner panel laminated with 2mm thick termite proof, water proof and fire resistant moulded PVC sheet with 2,4,6 raised panel design in different plain and /or prelim colours on one side after routing the moulded design on flush door and 2mm plain and/or prelim PVC sheet on other side using rubber adhesive on flush door and solvent cement adhesive on the PVC liping etc. complete as per direction of Engineer in charge, manufacture's specification and drawing.	sqm	2131.00

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Item Code	Item No. as per NBO	Description	Unit	Rate 2015-16
10049		Providing and fixing 30mm thick factory made moulded door shutter wood free consisting of frame made out of M.S. tubes of 19 gauge thickness and size of 25mm x 25mm for stiles, top and bottom rails, M.S. frame shall have a coat of steel primers. The inner panel shall consist of 25mm thick High Density EPS conforming to IS 4671-1984 bonded with 2mm thick termite proof, water proof and fire resistant moulded PVC sheet with 2,4,6 raised panel design in different plain and /or prelim colours after routing the moulded design on one side and 2mm plain and/or prelim PVC sheet on other side of the EPS. The edges of panel to be sealed with lipping of 10mm wide PVC sheet batton (made by sticking 2 PVC rigid foam sheets of 5mm thickness using PVC solvent cement) and stiles 25mm (5mm x 5) thick and 30mm width PVC sheet fitted along M.S. tube for lock provision and for lock height 5mm thick PVC sheet of size 150mm x 100mm fixed with upper and lower face of inner side of EPS panel etc. complete as per direction of Engineer in charge manufacture's specification and drawing.	sqm	1960.00
10050		Providing and fixing factory made polyvinyl chloride (PVC) door frame of the size 50 x 47 mm with a wall thickness of 5mm, made out of extruded 5mm rigid PVC foam sheet, mitre out of two corners and joined with 2nos. of 150mm long brackets of 15 x 15mm M.s. Square tubes. The two vertical door profiles are to be reinforced with 19 x 19 mm m.s. square tube of 19 gauge, EPDM rubber gasket weather seal to be provided through out the frame. The door frame shall be fixed to the wall using 65/100 mm long M.S. screws through the frame by using PVC fasteners. A minimum of 4 nos. of screws to be provided for each vertical members and minimum 2 nos. for horizontal members etc. complete as per manufactures specification and direction of Engineer in charge.	sqm	256.00

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Item Code	Item No. as per NBO	Description	Unit	Rate 2015-16
10051		Providing and fixing of fully glazed solid PVC panel PVC door along with solid PVC door frame. 30mm thick FACTORY MADE FULLY GLAZED SOLID PVC DOOR SHUTTER consisting of frame made out of M.S. tube of 19 gauge thickness and size of 19mm x 19mm for style and 15mm x 15mm for top, lock and bottom rail. M.S. frame shall have a coat of steel primer of approved make and manufacture. M.S. frame shall be covered with 5 mm thick heat moulded PVC 'C' channel of size 75mm x 30mm x 50mm out of which 10mm shall be bent at 90 degree towards inner side on front face of the door. M.S. frame at lock rail shall be covered with 125 mm wide PVC sheet out of which 0mm on both the edges shall be bent at 90 degree on front face of the door and 7mm wide PVC sheet shall cover the M.S. frame at top, lock and bottom rail on back side of door, 5 mm thick 20mm wide cross PVC sheet as gap insert for top and bottom rail. PVC sheet beading of 15mm thick (5mm x3) 15mm wide to be stuck internally with solvent cement adhesive in stiles and rails. Glass panel will be fitted externally in the clear space available between the stiles and rails and fixed between PVC	sqm	2463.00

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Item Code	Item No. as per NBO	Description	Unit	Rate 2015-16
10052		Providing and fixing complete sliding shutter solid PVC window 25mm thick factory made glazed solid PVC window shutter consisting of frame made out of M.S. tube of 19 gauge of size 15 x 15mm for styles top, bottom rail. M.S. frame shall have a coat of steel primer of approved make and manufacture, M.S. frame shall be covered with 4mm thick heat moulded PVC 'C' channel of size 58mm x 25mm x 38 mm out of which 8mm shall be bent at 90 degree towards inner side on front face of the window shutter forming stiles. For top rail and bottom rails, M.S. frame shall be covered with 4mm thick, 58mm wide PVC sheet out of which 8mm shall be bent at 90 degree towards inner side on front face and 38mm wide PVC sheet shall cover the M.S. frame at top and bottom rail on back side of window shutter, 4mm thick 15mm wide cross PVC sheet as gap insert for top and bottom rail. PVC sheet beading of 8mm thick (4mm x 2) to be stuck internally with solvent cement adhesive in top and bottom rails. Glass panel will be fitted externally in the clear space available between stiles & rails and fixed between	sqm	2899.00
10053		Providing and fixing Plain/Printed PVC sheet wall paneling of thickness 5mm consisting of panels having size 1220 mm x 2440 mm stuck on inner frame work of 50mm wide strips of 5mm thick PVC sheet. The strips should have in their center a groove of 6mm width and 1mm depth for sinking the head of the screw used to fix the strips to the wall and should be placed vertically at equal intervals of 10" center to center. The PVC strips shall be fixed to the wall using 65mm long M.s. screws through the groove in the strip by using PVC fasteners. The distance between two screws shall not be more than 200 A groove of 2mm may be left at the joint of two panel for aesthetic looks. The exact size of the panel and correspondingly of the grid may vary depending on the size of the wall.	sqm	845.00

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Item Code	Item No. as per NBO	Description	Unit	Rate 2015-16
10054		Providing and fixing Prelam PVC sheet wall paneling of thickness 5mm consisting of panels having size 1220 x 2440 mm stuck on inner frame work of 50mm wide strips of 5mm thick PVC sheet. The strips should have in their center a groove of 6mm width and 1mm depth for sinking the head of the screw using to fix the strips of the wall and should be placed vertically at equal intervals of 10" center to center. The PVC strips shall be fixed to the wall using 65mm long M.S. screws through the groove in the strip by using PVC fasteners. The distance between two screws shall not be more than 200 mm. A groove of 2mm may be left at the joint of two panels for aesthetic looks. The exact size of the panel and correspondingly of the grid may vary depending on the size of the wall.	sqm	944.00
10055		Providing and fixing full height Prelam PVC partition system 50mm thick consisting of 40mm sandwich PVC panel made out of 36mm high density expanded polystyrene sheet (E.P.S. Thermocol) stuck on both sides with 2mm thick prelam PVC sheet reinforced with frame work made from 35mm x 5mm M.S. angle. In between two M.S. angles 4 mm with feathered edges shall be fixed on floor and 50 x 75 mm with feathered edges prelam PVC "C" channel of size 50mm x 75mm with feathered edges prelam PVC panel shall be inserted in the PVC "C" channel. The first and last M.S. angle should be erected such that it is inside a PVC C channel of size 50 x 75mm. In between adjoining EPS sandwiched PVC partition panel 4mm thick x 75 mm width prelam PVC sheet feathered at edges shall be stuck on front and back face using solvent cement etc. An additional 4mm thick PVC strip of 40mm width is to be stuck on the interior side of the "C" channel using PVC solvent adhesive completely as per direction of Engineer in charge. Manufacturer's specification and drawing.	sqm	2152.00

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Item Code	Item No. as per NBO	Description	Unit	Rate 2015-16
10056		Providing and fixing full height Plan/colour PVC partition system 50mm thick consisting of 40mm sandwich PVC panel made out of 36mm high density expanded polystyrene sheet (E.P.S. Thermocol) stuck on both side with 2mm thick plain PVC sheet reinforced with frame work made from 35mm x 5mm M.S. angle. In between two M.S. angles 4 mm thick plan heat moulded PVC 'C' channel of size 50mm x 100 mm with feathered edges shall be fixed on floor and 50 x 75 mm with feathered edges plain/printed/prelim PVC 'C' channel shall be fixed in the ceiling. Sandwich PVC panel shall be inserted in the PVC "c" channel. The first and last M.S. angle should be erected such that it is inside a PVC C channel of size 50 x 75mm. In between adjoining EPS sandwiched PVC partition panel 4mm thick x 75mm width plain PVC sheet feathered at edges shall be stuck on front and back face using solvent cement etc. And additional 4mm thick PVC strip of 40mm width is to be stuck on the interior side of the C channel using PVC solvent adhesive complete as per direction of Engineer in charge, manufacture's specification and drawing.	sqm	1783.00

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Item Code	Item No. as per NBO	Description	Unit	Rate 2015-16
10057		Providing and fixing full height Printed PVC partition system 50mm thick PVC partition consisting of 40mm sandwich PVC panel made out of 36mm high density expanded polystyred shet (EPS Thermocol) stuck on the both side with 2mm thick printed PVC sheet reinforced with frame work made from 35mm x 5mm M.S. angle. IN between two M.S. angles 4mm thick printed heat moulded PVC C channel of size 50mm x 100mm with feathered, edges shall be fixed on floor and 50 x 75 mm with feathered edges printed PVC C channel shall be fixed in the ceiling, Sandwich PVC panel shall be inserted in the PVC C channel. The first and last M.S. angle should be erected such that it is inside a PVC C channel of size 50 x 75mm In between adjoining EP sandwiched PVC partition panel 4mm thick x 75mm width printed PVC sheet feathered at edges shall be suck on front and back face using solvent cement. If the height of partition exceeds 8 feet; then 15mm x 30mm M.S. tube is welded horizontally at the joint of panels in between two vertical angels etc. An additional 4mm thick PVC strip of 40mm width is to be stuck	sqm	1902.00
10058		Providing and fixing PVC plain colour false ceiing with grid type with alu frame consisting of 600 mm x 600mm 3mm thick plain PVC sheet used as panel insert in a frame work made using anodized alluminium T section of size 1" x 1" (25 x 25mm, 19 gauge or 1mm thick) in square pattern of grid sizes of 2 x 2 (600 x 600mm). The alluminium frame work is supported from the ceiling with the help of G.I. hook and G.I. wire/6mm M.S. rods of required sizes to maintain proper level etc. The aluminium frame work is supported on side wall with the use of alluminium L section of size 1 x 1 (25 x 25mm) angles et. Complete as per direction of Engineer in charge. Manufactures, specification and drawing	sqm	722.00

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Item Code	Item No. as per NBO	Description	Unit	Rate 2015-16
10059		Providing and fixing PVC Printed pain colour false ceiling with grid type with alluminium frame consisting of 600mm x 600mm 3mm thick plain PVC sheet used as panel insert in a frame work made using anodized alluminium T section of size 1 x 1 (235 x 25mm, 19 gauge or 1 mm thick) in square pattern of grid sizes of 2 x 2 (600 x 600mm) The alluminium frame work is supported from the cceiling with the help of G.I. hook and G.I. wire/6mm M.S. rods of required sizes to maintain proper level etc. The aluminium frame work is supported on side wall with the use of alluminium L section of size 1 x 1 (25 x 25mm) angles etc. complete as per direction of Engineer in charge. Manufactures specification and drawing.	sqm	766.00
10060		Providing and fixing PVC plain colour false ceiling with flush type with alluminium frame, frame work is done with three different sections of G.I. sheet of 24 gauge thickness named as C, U and L. The C section is fixed with hangers at an equal distance of 36" each and then U section is fixed perpendicular on C section with steel screws at an equal distance of 16" each. The complete frame work is supported by G.I. L angle 6mm rod hangers from the roof and L sections is fixed all around the wall as shown in the diagram. 5mm PVC sheet strips of size 2 wide and fixed with counter sunk steel screw on the U section. Further 3mm PVC sheet is stuck to these PVC strips with solvent cement such that joining lines are perfectly matched. P.U. putty is filled, ceiling for getting fine surface finish etc. complete as per direction of Engineer in charge, manufacturer's specification and drawing.	sqm	858.00

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Item Code	Item No. as per NBO	Description	Unit	Rate 2015-16
10061		Providing and fixing PVC printed false ceiling with flush type with alluminium frame, frame work is done with three different sections of G.I. sheet of 24 gauge thickness named as C, U and L. The C section is fixed with hangers at an equal distance of 36" each and then U section is fixed perpendicular on C section with steel screws at and equal distance of 16" each. The complete frame work is supported by G.I. L angle/6 mm rod hangers from the roof and L sections is fixed all around the wall as shown in the diagram. 5mm PVC sheet strips of size 2 wide are fixd with counter sunk steel screws on the U section. Further 3mm PVC sheet is stuck to these PVC strips with solvent cement such that joining lines are perfectly matched. P.U. putty is filled, dried and leveled and requisite coats of primer and paint is done on the ceiling for getting fine surface finish etc. complete as per direction of Engineering and charge manufacturer's specification and drawing	sqm	902.00
10062		Extra rate for using polyester fiber (12mm) with triangular of equivalent cross section with specific gravity 1.35 to 1.40 (as a secondary reinforcement) in concrete of any grade at the rate of 125 gms per 50 kg of Cement consumption.	1 Packet of 125 gms	26.00
10063		Extra rate for using polyester fiber (6mm) with triangular cross of equivalent section with specific gravity 1.35 to 1.40 (as a secondary reinforcement) in mortar of any grade at the rate of 125 gms per 50 kg of cement consumption.	1 Packet of 125 gms	26.00
10064A		Providing fusion bonded Epoxy coating not less than 175 micron thickness and up to 300 micron to reinforcement bars as per IS-13620-1993/ASTM-775 M including testing of coating at plant and all taxes (A) 10mm to 16mm dia bar	M.T	10062.00
10064B		Providing fusion bonded Epoxy coating not less than 175 micron thickness and up to 300 micron to reinforcement bars as per IS-13620-1993/ASTM-775 M including testing of coating at plant and all taxes (B) 20mm to 32 mm dia bar	M.T	7224.00

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Item Code	Item No. as per NBO	Description	Unit	Rate 2015-16
CHAPTER : 11 : STEEL ALUMINUM & IRON WORK				
11001A	11.2	Steel work, riveted in built up sections framed work including cutting, hoisting, fixing in position and applying a priming coat of read lead paint. (A) In beams and joists, channels angles Tees, flats, with connecting plates or angle cleats as in main and cross beams. Hip and jack rafters, purlins conneted to common rafters and the like. (upto 10 ton)	q	5287.00
11001D	11.2	Steel work, riveted in built up sections framed work including cutting, hoisting, fixing in position and applying a priming coat of read lead paint. (D) In trusses and trussed purlins, upto 25 M. span and 15 M ovarall height. (upto 10 ton)	q	5748.00
11002A	11.4	Steel work, welded in built up sections framed work including cutting, hoisting, fixing in position and applying a priming coat of read lead paint. (A)In beams and joists, channels angles Tees, flats, with connecting plates or angle cleats as in main and cross beams. Hip and jack rafters, purlins conneted to common rafters and the like (upto 10 ton)	q	5289.00
11002D	11.4	Steel work, welded in built up sections framed work including cutting, hoisting, fixing in position and applying a priming coat of read lead paint. (D) In trusses and trussed purlins, upto 25 M. span and 15 M. ovarall height. (upto 10 ton)	q	5325.00
11003	11.6	Providing and fixing in position callapsible steel shutters with vertical channels 20 x 10 x 2 mm braced with flat iron diagonals 20 x 5 mm size with top and bottom rails of T_rin 40x 40 x 6 mm with 38mm dia, steel pulleys complete with bolts, nuts, locking arrangements, stoppers handles including applying a priming coat of read lead paint. (upto 10 ton)	q	3423.00
11004	11.7	Providing and fixing 1mm thick M.S. sheet sliding shutters with frame and diagonal braces of 40 x 40 x 6 mm angle iron, 3.15 mm M.S. gusset plates at Junctions and corners 25 mm dia. pulley, 40 x 40 x 6mm angle and T-iron huide rail at top and bottom respectively with handles, stoppers and locking agangement etc, including applying a priming coat of red lead paint. (upto 10 ton)	Sqm	2500.00

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Item Code	Item No. as per NBO	Description	Unit	Rate 2015-16
11005A	0	Providing and fixing rolling shutters of approved make made of 80 mm wide M.S. laths inter-locked together through their entire length and jointed together at the ends by end locks mounted on specially designed pipe shaft with bracket plates, guide channels and arrangements for inside and outside locking with push-pull operation including the cost of hood cover and spring etc. complete.(A) Shutters having width below 3.5 M.	Sqm	2834.00
11005B	0	Providing and fixing rolling shutters of approved make made of 80 mm wide M.S. laths inter-locked together through their entire length and jointed together at the ends by end locks mounted on specially designed pipe shaft with bracket plates, guide channels and arrangements for inside and outside locking with push-pull operation including the cost of hood cover and spring etc. complete.	Sqm	3159.00
11006A	11.9	(B) Shutters having width 3.5 M. and above Providing and fixing rolling shutters of approved make made of 80 mm wide M.S. laths inter-locked together through their entire length and jointed together at the ends by end locks mounted on specially designed pipe shaft with bracket plates, guide channels and arrangements for inside and outside locking with push-pull operation complete but excluding the cost of hood cover and spring.	Sqm	2822.00
11006B	11.9	(A) Shutters having width below 3.5M. Providing and fixing rolling shutters of approved make made of 80 mm wide M.S. laths inter-locked together through their entire length and jointed together at the ends by end locks mounted on specially designed pipe shaft with bracket plates, guide channels and arrangements for inside and outside locking with push-pull operation complete but excluding the cost of hood cover and spring.	Sqm	3977.00
11007	11.1	(B) Shutters havind width above 3.5 M. Providing and fixing 27.5 cm. lng wire spring grade No.2 of approved make for rolling shutters.	Each	744.00
11008A	11.11	Providing and fixing Hood cover for rolling shutters (A) Shutters having width below 3.5 meters	Rmt	154.00
11008B	11.11	Providing and fixing Hood cover for rolling shutters (B) Shutters having width 3.5 meters and above	Rmt	161.00

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Item Code	Item No. as per NBO	Description	Unit	Rate 2015-16
11009	11.14	Fixing standard steel Doors, windows and ventilatos inwalls with 16 x 3.15 mm longs 10 cm. long embeded in Cement Concrete block 15 x 10 x 10 of 1:3:6 (1- Cement : 3-coarse sand : 6-graded stone aggregate of 20mm size) cost for supply of door/ window/ ventilators shall be paid separately.	Sqm	150.00
11010	11.2	Providing and fixing M.S. Fan clamps type 1 to 16mm dia M.S. bar bent to shape with hooked ends to R.C.C. slabs curing, laying including painting the exposed portion of loops, all as per standard designe complete	Each	79.20
11011	11.21	Extra over rate of item 20 for providing and fixing M.S. fan clamps type-II as per standard design in R.C.C. beams during laying towards additional height of the clamp due to beam rib.	Cm Height	0.90
11012	11.23	Providing and fixing M.S. round holding down or anchor bolts with nuts and washer plates complete.	Kg	37.40
11013	0	Providing and fixing EZ-7 section door/window frame including welding and fixtures fastenings including 3 coats of approved enamel oil paint etc complete.	Sqm	458.00
11026		Providing and fixing extruded aluminum window having extruded aluminum Colour anodized section frame main outer size 127mm x 38.10mm x 1.35mm (of Jindal Section no:2443,@ Wt.1.384 Kg/mt),horizontal Four track member size 122.20mm x 31.75mm x 1.10mm (of Jindal Section no:8787,@ Wt. 1.205 Kg/mt),vertical member of size 122.20mm x 31.75mm x 1.50mm (of Jindal Section no:8935,@ Wt. 1.398 Kg/mt) with sliding shutters of horizontal member size 40mm x 18mm x 1.29mm (of Jindal Section no:8949 @ wt.of 0.456Kg/mt),vertical member of size 40mm x 18mm x 1.29mm (of Jindal Section no:8947 @ wt.of 0.456Kg/mt/Section 8948,@ Wt. 0.457 Kg/mt) with 5 mm thick transparent bronze colour tinted float glass with powder coated aluminum fittings and fixtures and transparent silicon sealant glass fixing to frame as per details etc complete for window.	Sqm	2520.00

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Item Code	Item No. as per NBO	Description	Unit	Rate 2015-16
11027		Providing and fixing window having extruded aluminum Colour anodized section frame main outer size 95mm x 24mm x 1.17mm (of Jindal Section no:2459 @ wt.of 0.738 Kg/mt), horizontal Three track member size 92mm x 31.75mm x 1.30mm (of Jindal Section no:8688,@ Wt.1.07 Kg/mt), vertical member of size 92mm x 31.75mm x 1.50mm (of Jindal Section no:8933,@ Wt. 1.06 Kg/mt) with sliding shutters of horizontal member size 40 mmx18mm x1.29mm (of Jindal Section no:8947@ wt.of 0.456 Kg/mt), vertical member of size 40mm x 18mm x 1.29 mm (of Jindal Section no:8949 @ wt.of 0.456Kg/mt/ with 5 mm thick transparent bronze colour tinted float glass with powder coated aluminum fittings and fixtures and transparent silicon sealant glass fixing to frame as per details etc	Sqm	1871.00
11028		Providing and fixing window having extruded aluminum Colour anodized section frame main outer size 63.50 x 38.10 x 1.95 mm(of Jindal Section no:4605,@ Wt 1.094 Kg / Rmt), horizontal two track member size 61.85 mm x 31.75 mm x 1.20mm (of Jindal Section no: 8687 @ wt.of 0.695 Kg/mt), vertical member of size 61.85 mm x 31.75mm x 1.30 mm (of Jindal Section no:8758 @ wt.of 0.0.659 Kg/mt) with sliding shutters of horizontal member size 40mm x 18mm x 1.29mm (of Jindal Section no:8949 @ wt.of 0.456Kg/mt), vertical member of size 40mm x 18mm x 1.29mm (of Jindal Section no:8947 @ wt.of 0.456Kg/mt/ Section 8948, @ Wt. 0.457 Kg/mt) with 5 mm thick transparent bronze colour tinted float glass with powder coated aluminum fittings and fixtures and transparent silicon sealant glass fixing to frame as per details etc complete for window.	Sqm	2022.00
11029		Providing and fixing standared extruded of alluminium section of size 63.50 x 38.10 x 1.95 mm(of Jindal Section no:4605, @ Wt 1.094Kg / Rmt with colour anodized alluminium frame with 5 mm thick transparent bronze colour tinted float glass with colour anodized alluminium frame for ventilation with 5 mm thick frosted glass as details etc complete for.window	Sqm	1537.00

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Item Code	Item No. as per NBO	Description	Unit	Rate 2015-16
11030		Providing and fixing standared extruded of alluminium section of size 63mm x 38.10mm x 1.2mm (Jindal Section :2434, @ Wt. 0.643 Kg/mt) with colour anodized alluminium frame for ventilation with 5 mm thick frosted glass as details etc complete for Ventilation	Sqm	1386.00
11031		Providing and fixing standared extruded of alluminium section of size 63.50 x 38.10 x 1.95 mm(of Jindal Section no:4605,@ Wt 1.094Kg / Rmt with colour anodized alluminium frame with 5 mm thick transparent bronze colour tinted float glass as details etc complete for Fix window.	Sqm	1802.00
11032		Providing and fixing extruded aluminum window having extruded aluminum Colour Powder Coated section frame main outer size 127mm x 38.10mm x 1.35mm (of Jindal Section no:2443,@ Wt.1.384 Kg/mt),horizontal Four track member size 122.20mm x 31.75mm x 1.10mm (of Jindal Section no:8787,@ Wt. 1.205 Kg/mt),vertical member of size 122.20mm x 31.75mm x 1.50mm (of Jindal Section no:8935,@ Wt. 1.398 Kg/mt) with sliding shutters of horizontal member size 40mm x 18mm x 1.29mm (of Jindal Section no:8949 @ wt.of 0.456Kg/mt),vertical member of size 40mm x 18mm x 1.29mm (of Jindal Section no:8947 @ wt.of 0.456Kg/mt/Section 8948,@ Wt. 0.457 Kg/mt) with 5 mm thick transparent bronze colour tinted float glass with powder coated aluminum fittings and fixtures and transparent silicon sealant glass fixing to frame as per details etc complete for window.	Sqm	2520.00

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Item Code	Item No. as per NBO	Description	Unit	Rate 2015-16
11033		Providing and fixing window having extruded aluminum Colour Powder Coated section frame main outer size 95mm x 24mm x 1.17mm (of Jindal Section no:2459 @ wt.of 0.738 Kg/mt), horizontal Three track member size 92mm x 31.75mm x 1.30mm (of Jindal Section no:8688,@ Wt.1.07 Kg/mt), vertical member of size 92mm x 31.75mm x 1.50mm (of Jindal Section no:8933,@ Wt. 1.06 Kg/mt) with sliding shutters of horizontal member size 40 mmx18mm x1.29mm (of Jindal Section no:8947@ wt.of 0.456 Kg/mt), vertical member of size 40mm x 18mm x 1.29 mm (of Jindal Section no:8949 @ wt.of 0.456Kg/mt/ with 5 mm thick transparent bronze colour tinted float glass with powder coated aluminum fittings and fixtures and transparent silicon sealant glass fixing to frame as per details etc	Sqm	1880.00
11034		Providing and fixing window having extruded aluminum Colour Powder Coated section frame main outer size 63.50 x 38.10 x 1.95 mm(of Jindal Section no:4605,@ Wt 1.094 Kg / Rmt), horizontal two track member size 61.85 mm x 31.75 mm x 1.20mm (of Jindal Section no: 8687 @ wt.of 0.695 Kg/mt), vertical member of size 61.85 mm x 31.75mm x 1.30 mm (of Jindal Section no:8758 @ wt.of 0.0.659 Kg/mt) with sliding shutters of horizontal member size 40mm x 18mm x 1.29mm (of Jindal Section no:8949 @ wt.of 0.456Kg/mt), vertical member of size 40mm x 18mm x 1.29mm (of Jindal Section no:8947 @ wt.of 0.456Kg/mt/ Section 8948, @ Wt. 0.457 Kg/mt) with 5 mm thick transparent bronze colour tinted float glass with powder coated aluminum fittings and fixtures and transparent silicon sealant glass fixing to frame as per details etc complete for window.	Sqm	2012.00
11035		Providing and fixing standared extruded of alluminium section of size 63.50 x 38.10 x 1.95 mm(of Jindal Section no:4605, @ Wt 1.094Kg / Rmt with colour Powder Coated alluminium frame with 5 mm thick transparent bronze colour tinted float glass with colour anodized alluminium frame for ventilation with 5 mm thick frosted glass as details etc complete for.window	Sqm	1524.00

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Item Code	Item No. as per NBO	Description	Unit	Rate 2015-16
11036		Providing and fixing standard extruded of aluminium section of size 63mm x 38.10mm x 1.2mm (Jindal Section :2434, @ Wt. 0.643 Kg/mt) with colour Powder Coated aluminium frame for ventilation with 5 mm thick frosted glass as details etc complete for Ventilation	Sqm	1386.00
11037		Providing and fixing standard extruded of aluminium section of size 63.50 x 38.10 x 1.95 mm (of Jindal Section no:4605, @ Wt 1.094Kg / Rmt with colour Powder Coated aluminium frame with 5 mm thick transparent bronze colour tinted float glass as details etc complete for Fix window.	Sqm	2166.00

CHAPTER : 12 : BUILDING HARDWARE

12001	12.4	Fixing Metallic tower bolts of sizes with necessary screws etc. complete (Tower bolts and screws to be paid under separate items)	Each	32.00
12002	12.5	Fixing Metallic flush bolts of sizes with necessary screws etc. complete (Flush bolts and screws to be paid under separate items)	Each	6.40
12003	12.3	Fixing metallic or plastic door handles of sizes with necessary screws etc. complete (Door handles and screws to be paid under separate items).	Each	2.30
12004	12.1	Fixing metallic gate and shutter hooks and eyes of size (Hooks and eyes to be paid under separate items)	Each	2.30
12005	11.11	Fixing metallic door latches of sizes with necessary screws etc. complete (Door latches and screws to be paid under separate items)	Each	4.20
12006	12.12	Fixing metallic mortice night latches with necessary screws including making necessary holes in wooden door shutter etc. complete (Mortice night latches and screw to be paid under separate items)	Each	60.00
12007	12.18	Fixing metallic ball catchers 10mm dia. (Ball catchers to be paid under separate item)	Each	4.90
12008	12.2	Fixing metallic casement window fasteners with necessary screws etc. complete (casement window fasteners and screws to be paid under separate items)	Each	3.80
12009	12.21	Fixing metallic casement stays of size with necessary screws etc. complete (casement stays and screws to be paid under separate items)	Each	3.80

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Item Code	Item No. as per NBO	Description	Unit	Rate 2015-16
12010	12.24	Fixing metallic cup board or wardrobe locks of sizes with necessary screws etc.complete (Locks and screws to be paid separately)	Each	36.40
12011	12.25	Fixing metallic or plastic cupboard or handrobe knobs of sizes with necessary screws/ bolts etc. complete (knobs and screws / bolts to be paid separately)	Each	4.90
12012	12.26	Fixing metallic floor door stoppers of sizes with rubber cushion screws etc. to suit shutter thickness complete (Floor door stopper with rubber cushion and screws to be paid under separate items)	Each	2.70
12013	12.28	Fixing metallic door handles or knobs for mortice locks with necessary screws etc. complete (Door handles /knobs and screws to be paid separately)	Each	2.30
CHAPTER : 13 : GLAZING				
13001A	13.1	Providing and fixing sheet glass, selected quality (Type-C) bedded in putty and fixed with wooden beading including the cost of wooden beadings of first class teakwood and necessary cutting of glass. (1) 5 mm thick.	Sqm	739.00
13001B	13.1	Providing and fixing sheet glass, selected quality (Type-C) bedded in putty and fixed with wooden beading including the cost of wooden beadings of first class teakwood and necessary cutting of glass. (2) 6 mm thick.	Sqm	773.00
13002	13.3	Providing and fixing rough cast wired glass, 6mm thick bedded in putty and fixed with wooden beading including the cost of wooden beadings of Indian teak wood and necessary cutting of glass. (C) Wired - figured glass	Sqm	660.00
13003A	13.5	Providing and fixing sheet glass ordinary quality bedded in putty and fixed with wooden beadings including the cost of wooden beadings of first-class teak wood and necessary cutting of glass. (3) 3mm thick	Sqm	686.00
13003B	13.5	Providing and fixing sheet glass ordinary quality bedded in putty and fixed with wooden beadings including the cost of wooden beadings of first-class teak wood and necessary cutting of glass. (4) 4mm thick	Sqm	699.00
13004	13.7	Extra for using ground glass (frosted or obscured on one side) instead of plain glass.	Sqm	27.70

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Item Code	Item No. as per NBO	Description	Unit	Rate 2015-16
13005	13.11	Deduct for difference in cost of materials and labour involved in method of glazing if changed in item No. 13 (A) Front and back puttied and sprigged or fixed with glazing pins	Sqm	287.00
13006	13.12	Grinding, Polishing and rounding of edges of glass or glazing sheets.	Rmt	24.40

CHAPTER : 14 : PAVING & FLOOR FINISHES

14001A	14.2	Providing and laying 40mm thick marble chips flooring rubbed and polished (I.E. terrazo) to granolithic finish with under layer 30mm thick cement concrete 1:2:4 (1-Cement:2-coarse sand :4-graded stone aggregate 10 mm and down gauge) and top layer 10mm thick with white, black or white and black marble chips of required sizes from 1mm to 4mm nominal size laid in cement marble powder mix 3:1 (3-Cement : 1-Marble powder by weight) in proportion of 4:7 (4-Cement :7-marble chips by volume) (A) Dark shade pigment with ordinary cement (In top layer only) (upto 10 ton)	Sqm	476.00
14001B	14.2	Providing and laying 40mm thick marble chips flooring rubbed and polished (I.E. terrazo) to granolithic finish with under layer 30mm thick cement concrete 1:2:4 (1-Cement:2-coarse sand :4-graded stone aggregate 10 mm and down gauge) and top layer 10mm thick with white, black or white and black marble chips of required sizes from 1mm to 4mm nominal size laid in cement marble powder mix 3:1 (3-Cement : 1-Marble powder by weight) in proportion of 4:7 (4-Cement :7-marble chips by volume) (B) Light shade pigment with white cement (In top layer only) (upto 10 ton)	Sqm	552.00
14001C	14.2	Providing and laying 40mm thick marble chips flooring rubbed and polished (I.E. terrazo) to granolithic finish with under layer 30mm thick cement concrete 1:2:4 (1-Cement:2-coarse sand :4-graded stone aggregate 10 mm and down gauge) and top layer 10mm thick with white, black or white and black marble chips of required sizes from 1mm to 4mm nominal size laid in cement marble powder mix 3:1 (3-Cement : 1-Marble powder by weight) in proportion of 4:7 (4-Cement :7-marble chips by volume) (C) Medium Shade pigment with approx 50% white cement and 50% ordinary cement (In top layer only) (upto 10 ton)	Sqm	515.00

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Item Code	Item No. as per NBO	Description	Unit	Rate 2015-16
14001D	14.2	Providing and laying 40mm thick marble chips flooring rubbed and polished (I.E. terrazo) to granolithic finish with under layer 30mm thick cement concrete 1:2:4 (1-Cement:2-coarse sand :4-graded stone aggregate 10 mm and down gauge) and top layer 10mm thick with white, black or white and black marble chips of required sizes from 1mm to 4mm nominal size laid in cement marble powder mix 3:1 (3-Cement : 1-Marble powder by weight) in proportion of 4:7 (4-Cement :7-marble chips by volume) (D) White cement without any pigment (In top layer only) (upto 10 ton)	Sqm	514.00
14001E	14.2	Providing and laying 40mm thick marble chips flooring rubbed and polished (I.E. terrazo) to granolithic finish with under layer 30mm thick cement concrete 1:2:4 (1-Cement:2-coarse sand :4-graded stone aggregate 10 mm and down gauge) and top layer 10mm thick with white, black or white and black marble chips of required sizes from 1mm to 4mm nominal size laid in cement marble powder mix 3:1 (3-Cement : 1-Marble powder by weight) in proportion of 4:7 (4-Cement :7-marble chips by volume) (E) Light Shade pigment with ordinary cement (In top layer only.) (upto 10 ton)	Sqm	478.00
14002A	14.4	Providing and laying marble chips skirting (Terrazo) or dedo rubbed, and polished to Granolithic finish top layer 6mm thick with white,black or white and black marble chips of size from smallest to 4mm nominal size laid in cement marble powder mix 3:1 (3- Cement : 1 marble powder by weight) in proportion of 4:7 (4-cement marble powder mix : 7-marble chips by volume) 20mm thick with under layer 14mm thick cement plaster 1:3 (1-cement : 3-coarse sand) (A) Dark shade pigment with ordinary cement (In top layer only) (upto 10 ton)	Sqm	380.00

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Item Code	Item No. as per NBO	Description	Unit	Rate 2015-16
14002B	14.4	Providing and laying marble chips skirting (Terrazo) or dedo rubbed, and polished to Granolithic finish top layer 6mm white,black or white and black marble chips of size from smallest to 4mm nominal size laid in cement marble powder mix 3:1 (3- Cement : 1 marble powder by weight) in proportion of 4:7 (4-cement marble powder mix : 7-marble chips by volume) 20mm thick with under 14mm thick layer cement plaster 1:3 (1-cement : 3-coarse sand) (B) Light shade pigment with white cement (In top layer only) (upto 10 ton)	Sqm	429.00
14002C	14.4	Providing and laying marble chips skirting (Terrazo) or dedo rubbed, and polished to Granolithic finish top layer 6mm white,black or white and black marble chips of size from smallest to 4mm nominal size laid in cement marble powder mix 3:1 (3- Cement : 1 marble powder by weight) in proportion of 4:7 (4-cement marble powder mix : 7-marble chips by volume) 20mm thick with under 14mm thick layer cement plaster 1:3 (1-cement : 3-coarse sand) (C) Medium shade pigment with appox 50% white cement and 50% ordinary cement (In top layer only) (upto 10 ton)	Sqm	405.00
14002D	14.4	Providing and laying marble chips skirting (Terrazo) or dedo rubbed, and polished to Granolithic finish top layer 6mm white,black or white and black marble chips of size from smallest to 4mm nominal size laid in cement marble powder mix 3:1 (3- Cement : 1 marble powder by weight) in proportion of 4:7 (4-cement marble powder mix : 7-marble chips by volume) 20mm thick with under 14 mm thick layer cement plaster 1:3 (1-cement : 3-coarse sand) (D) White cement without any pigment (In top layer only) (upto 10 ton)	Sqm	411.00

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Item Code	Item No. as per NBO	Description	Unit	Rate 2015-16
14002E	14.4	Providing and laying marble chips skirting (Terrazo) or dedo rubbed, and polished to Granolithic finish top layer 6mm white,black or white and black marble chips of size from smallest to 4mm nominal size laid in cement marble powder mix 3:1 (3- Cement : 1 marble powder of 4:7 (4-cement marble powder mix : 7-marble chips by volume) 20mm thick with under plaster 1:3 (1-cement : 3-coarse sand) (E) Light shade pigment with ordinary cement(In top layer only) (upto 10 ton)	Sqm	381.00
14003A	14.16	Providing and laying cushioning layer on R.C.C. Slab consisting of 75mm thick lime, concrete using brick aggregate of 20mm nominal size mortar comprising of 1-Lime : 2- fine sand) (upto 10 ton)	Sqm	149.00
14003B	0	Precast terrzo tiles 22mm thick with white, Black or white and black marble chips of sizes upto 6mm, laid in floors, treads of steps and landings on a bed of 25mm average thickness of lime mortar 1:6 jointed with neat cement slurry mixed with pigment to match the shade of tiles including rubbing and polishing complete with precast tiles of (1) Light shades using white cement (upto 10 ton)	Sqm	416.00
14003C	0	Precast terrzo tiles 22mm thick with white Black or white and black marble chips of sizes upto 6mm laid in floors, treads of steps and landings on a bed of 25mm average thickness of lime mortar 1:6 jointed with neat cement slurry mixed with pigment to match the shade of tiles including rubbing and polishing complete with precast tiles of (1) Dark shades using ordinary cement (upto 10 ton)	Sqm	444.00
14003D	0	Precast terrzo tiles 27 to 28mm thick with white Black or white and black marble chips of sizes upto 6mm laid in floors, treads of steps and landings on a bed of 25mm average thickness of lime mortar 1:6 jointed with neat cement slurry mixed with pigment to match the shade of tiles including rubbing and polishing complete with precast tiles of (1) Light shades using white cement (upto 10 ton)	Sqm	452.00

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Item Code	Item No. as per NBO	Description	Unit	Rate 2015-16
14003E	0	Precast terrzo tiles 27 to 28mm thick with white Black or white and black marble chips of sizes upto 6mm laid in floors, treads of steps and landings on a bed of 25mm average thickness of lime mortar 1:6 jointed with neat cement slurry mixed with pigment to match the shade of tiles including rubbing and polishing complete with precast tiles of (2) Dark shades using ordinary cement (upto 10 ton)	Sqm	393.00
14004A	14.19	Providing and laying precast terrazzo tile 20mm thick white,black, white and black (or of the colour specified in specification of tender item) marble chips of sizes upto 6mm laid in floors, treads of steps and landings on a bed of 25mm average thickness of Lime mortar 1:1.5(1-Lime putty : 1.5 coarse sand) or C.M. 1:6 (1:cement :6 - coarse sand) jointed with neat cement slurry mixed with pigment to match the shade of tiles including rubbing and polishing complete with precast tiles of.(A) Light shades using white cement (upto 10 ton)	Sqm	458.00
14004B	14.19	Providing and laying precast terrazzo tile 20mm thick white and black (or of the colour specified in specification of tender item) marble chips of sizes upto 6mm laid in floors, treads of steps and landings on a bed of 25mm average thickness of Lime mortar 1:1.5(1-Lime putty : 1.5 sand) or C.M. 1:6 jointed with neat cement slurry mixed with pigment to match the shade of tiles including rubbing and polishing complete with precast tiles of.(B) Medium shades using approx. 50% white cement and 50% ordinary cement (upto 10 ton)	Sqm	480.00
14004C	14.19	Providing and laying precast terrazzo tile 20mm thick white,black,white and black (or of the colour specified in specification of tender item) marble chips of sizes upto 6mm laid in floors, treads of steps and landings on a bed of 25mm average thickness of Lime mortar 1:1.5(1-Lime putty : 1.5 coarse sand) or C.M. 1:6(:1 - cement :6 - coarse sand) jointed with neat cement slurry mixed with pigment to match the shade of tiles including rubbing and polishing complete with precast tiles of. (B) Dark shades using ordinary cement (upto 10 ton)	Sqm	432.00

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Item Code	Item No. as per NBO	Description	Unit	Rate 2015-16
14005A	14.21	Providing and laying precast terrazo tiles 20mm thick with marble chips of sizes. upto 6mm in skirting and risers of steps not exceedings 30 cms. in height on 10mm thick cement plaster 1:3 (1-cement : 3-coarse sand) jointed with neat cement slurry including rubbing and polishing complete with tiles of. (A) Light shades using white cement (upto 10 ton)	Sqm	534.00
14005B	14.21	Providing laying precast terrazo tiles 20mm thick with marble chips of sizes. upto 6mm in skirting and risers of steps not exceedings 30 cms. in hieght on 10mm thick cement plaster 1:3 (1-cement : 3-coarse sand) jointed with neat cement slurry including rubbing and polishing complete with tiles of. (B) Medium Shades using approx. 50% white Cement and 50% ordinary cement (upto 10 ton)	Sqm	567.00
14005C	14.21	Providing and laying precast terrazo tiles 20mm thick with marble chips of sizes. upto 6mm in skirting and risers of steps not exceedings 30 cms. in height on 10mm thick cement plaster 1:3 (1-cement : 3-coarse sand) jointed with neat cement slurry including rubbing and polishing complete with tiles of. (B) Dark shades using ordinary cement (upto 10 ton)	Sqm	507.00
14006A	14.25	Providing and laying chequered terrazo tiles 22mm thick with marble chips of sizes upto 6mm in floors on 25mm thick bed of Lime mortar 1:1.5 (1-Lime putty : 1.5 coarse sand) or C.M. 1:6 (1 -cement :6 - coarse sand) jointed with neat cement slurry mixed with pigment to match the shade of the tiles including rubbing and polishing complete. (A) Light shades using white cement (upto 10 ton)	Sqm	544.00
14006B	14.25	Providing and laying chequered terrazo tiles 22mm thick with marble chips of sizes upto 6mm in floors on 25mm thick bed of Lime mortar 1:1.5 (1-Lime putty : 1.5 coarse sand) or C.M. 1:6 (1 - cement : 6 - coarse sand) jointed with neat cement slurry mixed with pigment to match the shade of the tiles including rubbing and polishing complete. (B) Dark shades using ordinary cement (upto 10 ton)	Sqm	518.00

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Item Code	Item No. as per NBO	Description	Unit	Rate 2015-16
14007A	14.27	Providing and laying chequered terrazo tiles 28mm thick with marble chips of sizes upto 6mm in treads of stairs and staircases in 12mm thick bed of lime mortar 1:1.5 (1-Lime putty :1.5 coarse sand) or C.M. 1:6 (1- cement : 6- coarse sand) jointed with neat cement slurry mixed with pigment to match the shade of tiles including rubbing and polishing complete. (A) Light shades using white cement (upto 10 ton)	Sqm	530.00
14007B	14.27	Providing and laying chequered terrazo tiles 28mm thick with marble chips of sizes upto 6mm in treads of stairs and staircases in 12mm thick bed of lime mortar 1:1.5 (1-Lime putty :1.5 coarse sand) or C.M. 1:6 jointed with neat cement slurry mixed with pigment to match the shade of tiles including rubbing and polishing complete. (B) Dark shades using ordinary cement (upto 10 ton)	Sqm	476.00
14008A	14.29	Providing and laying white glazed tiles 6mm thick in flooring treads of steps and landing laid on a bed of 12mm thick cement mortar 1:3 (1-cement : 3-coarse sand) finishing with flush pointing in white cement. (upto 10 ton)	Sqm	692.00
14008B	14.29 (B)	Providing and laying Ceramic tiles 6mm thick in flooring treads of steps and landing laid on a bed of 12mm thick cement mortar 1:3 (1-cement : 3-coarse sand) finishing with flush pointing in white cement. (upto 10 ton)	Sqm	663.00
14008C	14.29 (C1)	Providing and laying Vitrified tiles 8 to 10 mm thick , 24" x 24" in flooring treads of steps and landing laid on a bed of 12mm thick cement mortar 1:3 (1-cement : 3-coarse sand) finishing with flush pointing in white cement. (upto 10 ton)	Sqm	761.00
14008D	14.29 (C2)	Providing and laying Vitrified tiles 8 to 10 mm thick , 36" x 36" in flooring treads of steps and landing laid on a bed of 12mm thick cement mortar 1:3 (1-cement : 3-coarse sand) finishing with flush pointing in white cement. (upto 10 ton)	Sqm	1259.00
14009A	14.32	Providing and laying white glazed tiles 6mm thick in skirting risers of steps and dedo on 10mm thick cement plaster 1:3 (1-cement : 3-coarse sand) and jointed with white cement slurry (upto 10 ton)	Sqm	663.00
14009B	14.32 (B)	Providing and laying Ceramic tiles 6mm thick in skirting risers of steps and dedo on 10mm thick cement plaster 1:3 (1-cement : 3-coarse sand) and jointed with white cement slurry (upto 10 ton)	Sqm	709.00

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Item Code	Item No. as per NBO	Description	Unit	Rate 2015-16
14009C	14.32 (C1)	Providing and laying Vitrified tiles 8 to 10 mm thick , 24" x 24" in skirting risers of steps and dedo on 10mm thick cement plaster 1:3 (1-cement : 3-coarse sand) and jointed with white cement slurry (upto 10 ton)	Sqm	780.00
14009D	14.32 (C2)	Providing and laying Vitrified tiles 8 to 10 mm thick , in skirting risers of steps and dedo on 10mm thick cement plaster 1:3 (1-cement : 3-coarse sand) and jointed with white cement slurry (upto 10 ton)	Sqm	1263.00
14010	14.34	Providing and fixing 50mm internal or external angles of glazed tiles (upto 10 ton)	Rmt	85.90
14011	14.36	Providing and laying marble stone slab flooring over 20mm (average)base of cement mortar 1:6 (1-cement : 6 coarse sand) or L.M. 1:1.5(1- lime putty : 1.5 - coarse sand) laid and jointed with gray cement slurry including rubbing and polishing complete. (A) Marble slab 25mm thick (upto 10 ton)	Sqm	1669.00
14012A	14.43	Providing and laying polished Kota stone slab flooring over 20mm (Average) thick base of cement mortar 1:6 (1-cement : 6-coarse sand) or L.M. 1.1.5 (1-Lime putty :1.5 - coarse sand) laid over and jointed with grey cement slurry mixed with pigment to match the shade of slab including rubbing and polishing etc. complete. (A) 25mm thick (upto 10 ton)	Sqm	769.00
14012B	14.43	Providing and laying polished Kota stone slab flooring over 20mm (Average) thick base of cement mortar 1:6 (1-cement : 6-coarse sand) or L.M. 1.1.5 laid over and jointed with grey cement slurry including rubbing and polishing etc. complete. (B) 30 mm thick (upto 10 ton)	Sqm	826.00
14013	14.44	Providing and laying polished kota stone slab 25mm thick in risers of steps,skirting Dedo and pillars laid on 10mm thick cement mortar 1:3 (1-Cement : 3 coarse sand) and jointed with gray cement slury mixed with pigment to match the shade of slab including rubbing and polishing etc. complete. (upto 10 ton)	Sqm	888.00

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Item Code	Item No. as per NBO	Description	Unit	Rate 2015-16
14014A	14.46	Providing and laying rough chiseled dressed stone flooring over 20mm average thick base of cement mortar 1:5 (1-Cement : 5-coarse sand) or L.M. 1:1.5 (1-Lime putty : 1.5 - coarse sand) including pointing with cement mortar 1:2 (1-cement : 2-stone dust) etc. complete. (A) 25mm thick (upto 10 ton)	Sqm	420.00
14014B	14.46	Providing and laying rough chiseled dressed stone flooring over 20mm thick base of cement mortar 1:5 (1-Cement : 5-coarse sand) or L.M. 1:1.5 including pointing with cement mortar 1:2 (1-cement : 2-stone dust) etc. complete. (B) 40mm thick (upto 10 ton)	Sqm	498.00
14015A	14.71	Providing and laying cement concrete flooring 1:2:4 (1-cement : 2-coarse sand : 4-graded stone aggregate 20mm nominal size) laid in one layer and finished with a floating coat of neat cement. (A) 40mm thick. (upto 10 ton)	Sqm	189.00
14015B	14.71	Providing and laying cement concrete flooring 1:2:4 (1-cement : 2-coarse sand : 4-graded stone aggregate 20mm nominal size) laid in one layer and finished with a floating coat of neat cement. (B) 50mm thick. (upto 10 ton)	Sqm	221.00
14016	14.74	Providing and laying cement concrete pavement (25mm to 50mm thick) with 1:2:4 (1-cement : 2-coarse sand : 4-stone aggregate 20mm nominal size) including finishing with floating coat of neat cement complete. (upto 10 ton)	cu.m	3488.00
14017	14.81	Providing and laying precast cement concrete tiles 20mm thick with aggregate of sizes upto 6mm laid on floors, treads of steps and landing on 20mm thick bed of cement mortar 1:6 (1-cement : 6-coarse sand) or L.M. 1:1.5 (1 - Lime putty : 1.5 - coarse sand) jointed with neat cement slurry with pigment to match the shade of tiles complete with precast tiles of (C) Dark shades using ordinary cement (upto 10 ton)	Sqm	278.00
14018A	14.86	Providing and laying chequered precast cement concrete tiles 22mm thick with aggregate of sizes upto 6mm in floors, treads of steps and landings on 20mm thick bed of C.M. 1:6 (1-cement : 6-sand) or L.M. 1:1.5(1-Lime putty : 1.5 coarse sand) joint with neat cement slurry with pigments to match the shade of the tiles. (upto 10 ton)	Sqm	344.00

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Item Code	Item No. as per NBO	Description	Unit	Rate 2015-16
14018B	(A)	Extra for rubbing & polishing the precast c.c. tiles for flooring sketing deta.	Sqm	93.50
14019	14.9	Providing and laying brick on edge flooring laid dry grouted with c.M. 1:6 (1 - Cement : 6 - coarse sand) including finishing the joints flush curing etc. complete. (upto 10 ton)	Sqm	342.00
14020	0	P & L 24" x 24" vitrified 8 mm thick tile flooring over 20 mm (average) base of cement mortar 1:6 (1 cement: 6 coarse sand) on new surface or fixing on existing flooring by adhesive material including dismantaling of existing flooring and jointed with color cement slurry including finised with flush pointing & cleaning the surface etc. complete for DARK shade (upto 10 ton)	Sqm	801.00
14021	0	P & L 24" x 24" vitrified 8 mm thick tile flooring over 20 mm (average) base of cement mortar 1:6 (1 cement: 6 coarse sand) on new surface or fixing on existing flooring by adhesive material including dismantaling of existing flooring and jointed with color cement slurry including finised with flush pointing & cleaning the surface etc. complete for antiskit (upto 10 ton)	Sqm	1009.00
14022	0	P & L 24" x 24" vitrified 8 mm thick tile flooring over 20 mm (average) base of cement mortar 1:6 (1 cement: 6 coarse sand) on new surface or fixing on existing flooring by adhesive material including dismantaling of existing flooring and jointed with color cement slurry including finised with flush pointing & cleaning the surface etc. complete for light shade (upto 10 ton)	Sqm	748.00
14023	0	Providing and fixing pre-cast concrete kerb stone of gray cement based concrete block 30cm length,30cm height and 15cm thick of M250 grade concret as per approved design and including excavation for fixing in proper line and level,filling the joint with C:M 1:3 (1cement:3fine sand) etc complete. (upto 10 ton)	Rmt	239.00
14032		Providing and fixing pre-cast concrete kerb stone of gray cement based concrete block 30cm length,30cm height and 15cm thick of M250 grade concret as per approved design and including excavation for fixing in proper line and level,filling the joint with C:M 1:3 (1cement:3fine sand) etc complete.	Rmt	313.00

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Item Code	Item No. as per NBO	Description	Unit	Rate 2015-16
14033		Providing and fixing pre-cast Rubber Dye inter locking concrete block 60mm thick with grade of concrete M200 pneumatic compressed by mechanically pressed and as per approved design including 75mm Sand layer for levelling and filling the joint with sand in proper line and level etc complete.	Sqm	607.00
14034		Providing and fixing pre-cast Rubber Dye inter locking concrete block 60mm thick with grade of concrete M250 pneumatic compressed by mechanically pressed and as per approved design including 75mm Sand layer for levelling and filling the joint with sand in proper line and level etc complete.	Sqm	671.00
14035		Providing and laying broken chine mosaic flooring for terrace using 12 mm to 20 mm broken pieces of glazed tiles to be laid over cement mortar 1:3 to plain or slope and to be tempered to bring mortar creme out upto surface using white cement including rounding off junctions and extending them upto 15 cm along the wall,clearing with water and oxalic acid etc. as directed.	Sqm	479.00
14036		Providing and laying coloured glazed tiles of the size 300 mm x 200 mm x 8 mm / 300 mm x 450 mm x 8 mm in skirting, risers of steps and dedo on 10 mm. thick cement plaster 1:3 (1 cement : 3 coarse sand) & jointed with white cement slurry.	Sqm	906.00
CHAPTER : 15 : ROOF COVERING				
15001	15.1	Providing corrugated G.I. sheet of class-3 roofing fixed with glavanished iron J or L Hooks, Bolts and nuts 8mm diameter with bitumen and G.I. limpet washer or G.I. limpet washer. filled with white lead complete excluding the cost of purlins, Rafters and Trusses.(1) 0.80 mm thick sheet. (upto 10 ton)	Sqm	764.00
15002	15.7	Providing ridges or hips 600 mm overall in plain G.I. sheet class-3 fixed with G.I.J. or L Hooks and nuts 8mm dia G.I. Limpet and bitumen washer complete. (1) 0.80 mm thick sheet. (upto 10 ton)	Sqm	470.00

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Item Code	Item No. as per NBO	Description	Unit	Rate 2015-16
15003	15.8	Providing valleys 900mm overall in plain 1.6mm thick G.I. sheet fixed with G.I. J or L Hooks, Bolts and nuts galvanised iron J or L Hooks Bolts and nuts 8mm dia G.I. Limpet and bitumen washers complete. (upto 10 ton)	Sqm	920.00
15005	15.1	Providing and fixing 150mm wide 450mm over all semicircular plain G.I.sheet class-3 gutter with Iron brackets 40mm x 3mm size Bolts, Nuts, washers etc. including making necessary connection with rain water pipes. (i) 0.80 mm thick Sheet. (upto 10 ton)	Sqm	415.00
15007	15.26	Filling cement concrete 1:2:4 (1- Cement :2-coarse sand :4-graded stone aggregate 12.5 mm nominal size) in gaps of A.C. sheet corrugation and wings of ridges.	Rmt	20.20
15010	15.51	Providing and fixing tiles roofing with manglore tiles including teak reepers of sizes 50mm x 25mm. (upto 10 ton)	Rmt	164.00
15011	15.75	Providing and fixing five courses water proofing treatment with bitumen felt consisting of second and fourth course of blown / bitumen or/ and residual bitumen applied hot at 1.2 kg.per Sq.M.of area for each course and first course with fibre base bitumen saturated under lay type and third course with fibre base self finished felt type 2 grade 1 and fifth and final course of stone grit 6mm and down size or pea sizes gravel spread at 0.008 Cu. Metre / Sq. metre including preparation of surface excluding grading complete. (upto 10 ton)	Sqm	314.00
15012	15.87	Providing and fixing on wall face C.I. Rain water pipe including filling the joints with spun yarn soaked in neat cement slurry and cement mortar 1:2 (1- Cement : 2-fine sand) (A) 75 mm dia.	Rmt	183.00
15013	15.88	Providing and fixing M.S Holder bat clamps of approved design to C.I. or S.C.I. pipes embedded in and including cement concrete blocks 100mm x 100mm x 100mm. size of 1:2:4 (1-Cement : 2-coarse sand :4- graded stone aggregate of 20mm nominal size) and cutting holes and making good the wall etc, complete. (A) 75mm dia.	Each	72.30
15014	15.9	Providing and fixing and embedding sand, C.I. rain water pipes in the masonry surrounded with 12mm thick cement mortar of the same mix as that of masonry. (A) 75 mm dia pipe.	Rmt	183.00

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Item Code	Item No. as per NBO	Description	Unit	Rate 2015-16
15016A	15.94	Providing and fixing for wall plugs and standard holder bat clamps comprising of two semicircular haves of flat iron and cast iron base screwed on wooden plugs. (B) 80 mm dia.	Each	41.70
15016B	15.94	Providing and fixing for wall plugs and standard holder bat clamps comprising of two semicircular haves of flat iron and cast iron base screwed on wooden plugs. (C) 100 mm dia.	Each	47.60
15019		Providing and Fixing 6 mm thick Lexan Polycarbonate multi wall roofing sheet fixed with hilti screw and rubber silicon sealer and alluminium strip of size 50 x 3 mm etc complete as directed by Engineer in charge.	Sqm	1685.00
CHAPTER : 16 : CEILING & LINING				
16001A	16.3	Providing and fixing wooden planks ceiling with tounge and grooved jointing and wood screws (frame work and cover fillings to be measured and laid for separately) (A) Indian Teak wood (i) 12mm thick (upto 10 ton)	Sqm	952.00
16001B	16.3	Providing and fixing wooden planks ceiling with tounge and grooved jointing and wood screws (frame work and cover fillings to be measured and laid for separately) (A) Indian Teak wood (ii) 20mm thick (upto 10 ton)	Sqm	1517.00
16001C	16.3	Providing and fixing wooden planks ceiling with tounge and grooved jointing and wood screws (frame work and cover fillings to be measured and laid for separately) (A) Indian Teak wood (iii) 25mm thick (upto 10 ton)	Sqm	1870.00
16002	16.3A	Deduct for butt jointing in place of tounge and grooved type joint in item No.16.3	Sqm	23.90
16003A	16.4	Providing and fixing fibre insulations board lining with butt jointing and Nails (frame worked cover fillets to be measured and paid for separately) (i) 12mm thick	Sqm	249.00
16003B	16.4	Providing and fixing fibre insulations board lining with butt jointing and Nails (frame worked cover fillets to be measured and paid for separately) (ii) 18mm thick	Sqm	352.00
16003C	16.4	Providing and fixing fibre insulations board lining with butt jointing and Nails (frame worked cover fillets to be measured and paid for separately) (iii) 25mm thick	Sqm	445.00

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Item Code	Item No. as per NBO	Description	Unit	Rate 2015-16
16004A	16.13	Providing and playwood lining with but jointed and nails (frame work and cover fillets to be measured and paid for separately) (i) 6mm thick ply.	Sqm	252.00
16004B	16.13	Providing and playwood lining with but jointed and nails (frame work and cover fillets to be measured and paid for separately) (ii) 9mm thick ply.	Sqm	371.00
16005A	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 5mm thick (upto 10 ton)	Sqm	85.20
16005B	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) (ii) Class B-5 5mm thick (upto 10 ton)	Sqm	85.20
16006		Providing and fixing eco-friendly light weight calcium silicate false ceiling tiles having Tegular edge & 15 mm Thick Densified edges on the Tile Periphery for Extra Strength The Light weight calcium silicate ceiling tiles shall have , light reflection 85% non-combustible as per B.S. 476 part IV, 100% humidity resistance and also having thermal conductivity 0.043° w/m KC. for the best thermal Insulation . The Light weight calcium Silicate tile shall be of approved texture Fine fissured/ Spintone/Cosmos having NRC value of 0.5 & Globe having NRC value of 0.75 NRC or equivalent of size 595 X 595 mm to be laid on true horizontal level suspended inter locking metal grid of hot dipped galvanized steel sections (galvanizing @120 grams per sqm including both side) consisting of main 'T' runner suitably spaced at joints to get required length and size of 24X38mm made from 0.30 mm thick (minimum) sheet, 1200mm centre to centre, and cross 'T' of size 24X28mm made out of 0.33mm (Minimum) sheet spaced 1200mm along spaced between main 'T' at 600mm centre to centre to form a grid of	Sqm	1730.00

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Item Code	Item No. as per NBO	Description	Unit	Rate 2015-16
16007		Providing and fixing single layer waterproof gypsum board 12.5 mm thick of the make Newgood Group Co. Ltd. or equivalent & Newgood Group Co. Ltd. company sections using waterproof board of size 1220 mm x 1830 mm x 8.0 mm suspended by G.I suapender of size 25 mm x 3 mm with intermediate channel of size 18 mm x 40 mm x 0.80 mm at 1220 mm center to center ceiling section of size 40 mm x 35 mm x 0.55 mm at 457 mm center to center and perimetre chanel A of size 20 mm x 27 mm x 30 mm x 0.50 mm at edges & drops including paper tap sand sofit cleat, anchor fastener, scoch bolt connecting cleat joining compound top coat on ceiling including making necessary opening for light fitting, diffuser etc. complete as per detail drawing as directed.	Sqm	704.00

CHAPTER : 17 : PLASTERING & POINTING

17001A	17.58	Providing 10mm thick cement plaster in single coat on brick/concrete walls for interior plastering upto floor two level and finished even and smooth in (i)Cement mortar 1:3 (1-cement:3-sand)	Sqm	81.00
17001B	17.58	Providing 10mm thick cement plaster in single coat on brick/concrete walls for interior plastering upto floor two level and finished even and smooth in (ii) Cement mortar 1:4 (1-cement :4-sand)	Sqm	72.80
17001C	17.58	Providing 10mm thick cement plaster in single coat on brick/concrete walls for interior plastering upto floor two level and finished even and smooth in (iii) Cement mortar 1:6 (1-cement:6-sand)	Sqm	65.00
17002A	17.6	Providing 15mm thick cement plaster in single coat on Rough (Similar)side of single or half brick walls for interior plastering upto floor two level and finished even and smooth in (i) Cement mortar 1:3 (1-cement:3-sand)	Sqm	111.00
17002B	17.6	Providing 15mm thick cement plaster in single coat on Rough (Similar)side of single or half brick walls for interior plastering upto floor two level and finished even and smooth in (ii) Cement mortar 1:4 (1-cement :4-sand)	Sqm	98.80

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Item Code	Item No. as per NBO	Description	Unit	Rate 2015-16
17002C	17.6	Providing 15mm thick cement plaster in single coat on Rough (Similar)side of single or half brick walls for interior plastering upto floor two level and finished even and smooth in (iii) Cement mortar 1:6 (1-cement:6-sand)	Sqm	87.20
17003A	17.61	Providing 20mm thick cement plaster in single coat on single or half brick walls for interior plastering upto floor two level and finished even and smooth in (i) Cement mortar 1:3 (1-cement:3-sand)	Sqm	137.00
17003B	17.61	Providing 20mm thick cement plaster in single coat on single or half brick walls for interior plastering upto floor two level and finished even and smooth in (ii) Cement mortar 1:4 (1-cement :4-sand)	Sqm	121.00
17003C	17.61	Providing 20mm thick cement plaster in single coat on single or half brick walls for interior plastering upto floor two level and finished even and smooth in (iii) Cement mortar 1:6 (1-cement:6-sand)	Sqm	105.00
17004	17.69	Extra over items 58 to 64 for finishing with a floating coat of neat cement slurry. (upto 10 ton)	Sqm	30.30
17005	17.7	(A) Extra over items 58 to 67 for providing and mixing water proofing materials in cement mortar in proportion recommended by the manufacturer.	Per bag of 50Kg of Cement	43.60
17006	17.91	Extra over items 58 to 71 for plastering on ceilings and soffits of stairs upto floor two level instead of plastering on walls.	Sqm	15.60
17007A	17.94	Extra over items 1 to 69, 71 to 87 and 90 for interior plastering above floor two level for every additional storey height. (1) Single coat plaster	Sqm x No. of storey	14.70
17007B	17.94	Extra over items 1 to 69, 71 to 87 and 90 for interior plastering above floor two level for every additional storey height.(2) Two coat plaster	Sqm x No. of storey	16.80
17007C	17.94	Extra over items 1 to 69, 71 to 87 and 90 for interior plastering above floor two level for every additional storey height. (3) Floating coat of neat cement	Sqm x No. of storey	3.00
17008	17.93	Extra over item 91 for plastering on ceiling and soffits of stairs above floor two level for every additional storey height.	Sqm	13.40

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Item Code	Item No. as per NBO	Description	Unit	Rate 2015-16
17009	17.95	20mm thick sand faced cement plaster on walls upto height 10 metres above ground level consisting of 12mm thick backing coat of C.M. 1:3 (1-cement : 3-sand) and 8mm thick finishing coat of C.M. 1:1 (1-cement : 1-sand) etc. complete.	Sqm	189.00
17010A	17.116	Pointing on brickwork with cement mortar 1:3 (1-cement : 3-coarse sand) (A) Flush pointing	Sqm	57.90
17010B	17.116	Pointing on brickwork with cement mortar 1:3 (1-cement : 3-coarse sand) (B) Ruled pointing	Sqm	60.10
17011A	17.117	Pointing on brickwork with cement mortar 1:4 (1-cement : 4-coarse sand)(A) Flush pointing	Sqm	56.10
17011B	17.117	Pointing on brickwork with cement mortar 1:4 (1-cement : 4-coarse sand) (B) Ruled pointing	Sqm	57.90
17012A	17.14	Pointing on coursed stone masonry with cement mortar 1:3 (1-cement : 3-coarse sand) (A) Flush pointing	Sqm	53.20
17012B	17.14	Pointing on coursed stone masonry with cement mortar 1:3 (1-cement : 3-coarse sand) (B) Ruled pointing	Sqm	55.20
17013A	17.144	Pointing on Uncoursed stone masonry with cement mortar 1:3 (1-cement : 3-coarse sand) (A) Flush pointing	Sqm	63.50
17013B	17.144	Pointing on Uncoursed stone masonry with cement mortar 1:3 (1-cement : 3-coarse sand)(B) Ruled pointing	Sqm	65.90
17014	17.154	Extra over item 17.112 to 17.151 for pointing on walls on the outside at height more than 10metres from ground level for every additional height of 5 metres of part there of.	Sqm	4.10
17015	0	Providing cement vata (10cm. x 10 cm. size) quarter round in cement mortar 1:1 including neat cement finishing, watering etc. complete.	Rmt	17.80
17017		Providing 20 mm thick double coat mala cement plaster on interior brick / concrete work for plastering comprising of base coat of 12 mm thick cement plaster in cement mortar (1 Cement : 4 coarse sand) in rough finishing and 8 mm thick top coat of cement mortar 1:2 (1 Cement : 2 Coarse sand) finished with trowel including scaffolding curing etc. complete.	Sqm	173.00

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Item Code	Item No. as per NBO	Description	Unit	Rate 2015-16
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CHAPTER : 18 : WHITE WASHING COLOR WASHING DISTEMPERING & OTHER FINISHING

18001	18.11	White washing with lime on wall surface (two coats) to give an even shade including thoroughly brooming the surface to remove all dirt, dust; mortar drops and other foreign matter.	Sqm	7.80
18002	18.12	White washing with lime on wall surface (one coats) to give an even shade including thoroughly brooming the surface to remove all dirt, dust; mortar drops and loose scales of lime wash and other foreign matter.	Sqm	3.60
18003	18.13	Extra over items 11 to 12 for every subsequent coat of white washing with lime on wall surface.	Sqm	3.60
18004	18.14	Extra over item 11 for white washing with lime on ceilings and/or sloping roofs.	Sqm	0.70
18005	18.15	Extra over Item 2 for white washing with lime on ceilings and sloping roofs.	Sqm	0.30
18006	18.16	Extra over Item 13 for every subsequent coat of white washing with lime on ceilings and/or sloping roofs.	Sqm	0.30
18007	18.17	Colour washing with lime on wall surface (two coats) over and including a primary coat of white washing to give an even shade after through brooming the surface to remove all dirt, dust, mortar drops and other foreign matter.	Sqm	7.80
18008	18.18	Colour washing with lime on wall surface (one coats) to give an even shade including throughly brooming the surface to loose scales of lime wash and other foreign matter.	Sqm	5.00
18009	18.19	Extra over item 17 to 18 for every subsequent coat of colour wash with lime on wall surface	Sqm	5.00
18010	18.2	Extra over Item 17 for colour washing on ceilings and/or sloping roofs.	Sqm	1.40
18011	18.21	Extra over items 18,19 for colour washing on ceilings and sloping roofs.	Sqm	1.30
18012	18.29	Cement washing with portland cement slurry on wall surface (one coat) to give a smooth finish including thoroughly broomings the surface to remove all dirt, mortar drops and other foreign Brand.	Sqm	7.40
18013	18.3	Extra over Item No. 29 for every subsequent coat of cement washing with port land cement slurry	Sqm	7.40

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Item Code	Item No. as per NBO	Description	Unit	Rate 2015-16
18014	18.33	Removing dry or oil bound distemper by a washing and scraping and sand papering the wall surface smooth including necessary repairs to scratches complete.	Sqm	7.10
18015	18.34	Extra over item 33 for removing dry oil bound distemper on ceilings and sloping roofs.	Sqm	1.00
18016	18.38	Distempering with dry distemper of approved brand and manufacture (two coats) and of required shade on wall surfaces of given an even shade, over and including a priming coat of whitening after thoroughly brooming the surface free from mortar dropping and other foreign matter.	Sqm	29.80
18017	18.39	Distempering with dry distemper of approved brand and manufacture (One coats) and of required shade on wall surfaces of given an even shade, after thoroughly brushing the surface clean of all grease, dirt, loose pieces of scales including preparing the surface even and sand papered smooth.	Sqm	9.50
18018	18.4	Extra over Items No. 38 and 39 of every subsequent coat at distempering with dry distemper of approved brand and manufacture.	Sqm	9.10
18019	18.41	Extra over item 38 for distempering with dry distemper on ceilings and sloping roofs.	Sqm	4.10
18020	18.42	Extra over item 39,40 for distempering with dry distemper on ceilings and sloping roofs.	Sqm	1.00
18021	18.44	Distempering (Two coats) with oil bound distemper of approved brand and manufacture and of required shade on wall surfaces to give an even shade, over and including a priming coat with distemper primer of approved brand and manufacture after thoroughly brushing the surface free from mortar dropping and other foreign matter and also including preparing the surface even and sand papered smooth.	Sqm	48.30
18022	18.45	Distempering (Two coats) with oil bound washable distemper of approved brand and manufacture and of required shade on wall surfaces to give an even shade, over and including a priming coat with alkali resistance primer of approved brand after thoroughly brushing the surface and other foreign matter and also including preparing the surface even and sand papered smooth.	Sqm	48.30

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Item Code	Item No. as per NBO	Description	Unit	Rate 2015-16
18023	18.46	Distempeing (One coats) with oil bound washable distemper of approved brand and of required shade on wall surfaces to give an even shade, after thoroughly brushing the surface clean of all grease dirt, loose pieces of scales and also including distempering with oil bound washable distemper of preparing the surface even and smooth.	Sqm	19.10
18024	18.47	Extra over Item 44 to 46 for every subsequent coat of approved brand and manufacture.	Sqm	19.10
18025	18.48	Extra over Item 44,45 for distempering with oil bound washable distemper on ceiling and sloping roofs.	Sqm	5.10
18026	18.49	Extra over Item 46,47 for every subsequent coat of distempering on ceiling and sloping roofs.	Sqm	2.00
18027	18.51	Finishing wall with water proofing cement paint of on wall surfaces (Two coats) to give an approved brand and manufacture and of required shape even shade after thoroughly brushing the surface to remove all dirt and remains of loose powered materials.	Sqm	36.10
18028	18.53	Extra over Item 51 for every subsequent coat of water proofing cement paint of approved brand and manufacture.	Sqm	20.20
18029	18.54	Extra over item 51 for finishing with cement paint on ceiling and sloping roofs.	Sqm	4.10
18030	18.56	Extra over item 53 for every subsequent coat of finishing with cement paint on ceiling and sloping roofs.	Sqm	2.00
18031	18.57	Wall painting (two coats) with plastic emulsion paint of approved brand and manufacture on undecorated wall surface to give an even shade including throughly brushing the surface free from mortar droppings and other foreign matter and sand papered smooth.	Sqm	49.80
18032	18.59	Extra over item 57 for every subsequent coat of wall painting with plastic emulsion pain of approved brand.	Sqm	21.20
18033	18.6	Extra over item 57 for painting with plastic emulsion paint of approved brand on ceilings and sloping roofs.	Sqm	3.40
18034	18.62	Extra over item 59 for every subsequent coat of painting with plastic emulsion paint on ceiling and slopping roofs.	Sqm	1.40

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Item Code	Item No. as per NBO	Description	Unit	Rate 2015-16
CHAPTER : 19 : PAINTING & POLISHING				
19001	19.2	Applying priming coat over new steel and other metal surface after and including preparing the surface by thoroughly cleaning, oil, grease, dirt and other foreign matter and scoured with brushes fine steel wood, scrapers and sand paper with ready mixed priming paint brushing red lead.	Sqm	21.80
19002	19.7	Painting two coats (excluding priming coat) on new steel and other metal surface with enamel paint, brushing, interior to give an even shade including cleaning the surface an even shade including cleaning the surface of all dirt, dust and other foreign matter.	Sqm	55.20
19003	19.11	Painting one coats (excluding priming coat) on previously painted steel and other metal surface with enamel paint, brushing to give an even shade including cleaning the surface of all dirt, dust and other foreign matter.	Sqm	34.50
19004	19.15	Extra over item 7 and 11 for every subsequent coat of paint	Sqm	32.00
19005	19.19	Painting two coats (excluding priming coat) on new steel and other metal surface with synthetic enamel paint, brushing to give an even shade including cleaning the surface of all dirt, dust and other foreign matter.	Sqm	45.10
19006	19.21	Painting one coats (excluding priming coat) on previously printed steel and other metal surface with synthetic enamel paint, brushing to give an even shade including cleaning the surface of all dirt, dust and other foreign matter.	Sqm	27.80
19007	19.23	Extra over item 19 and 21 for every subsequent coat of paint.	Sqm	27.60
19008B	19.5	Painting two coats (excluding priming coat) on external surface of new rain water, soil, waste and vent pipes and fittings with ready mixed bituminous brushing, black, anticorrosive to give an even shade including cleaning of all dirt, dust and other foreign matter. (B) 75mm dia.	Sqm	12.80
19008C	19.5	Painting two coats (excluding priming coat) on external surface of new rain water, soil, waste and vent pipes and fittings with ready mixed bituminous brushing, black, anticorrosive to give an even shade including cleaning of all dirt, dust and other foreign matter. (C) 100mm dia.	Sqm	15.90

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Item Code	Item No. as per NBO	Description	Unit	Rate 2015-16
19009B	19.59	Applying priming coat over new wood and wood based surface after and including preparing the surface by thoroughly cleaning oil, grease, dirt and other foreign matter, sand papering and knotting. (B) Ready mixed paint brushing wood primer pink.	Sqm	25.50
19009C	19.59	Applying priming coat over new wood and wood based surface after and including preparing the surface by thoroughly cleaning oil, grease, dirt and other foreign matter, sand papering and knotting. (C) Ready mixed paint brushing priming for enamel	Sqm	25.50
19010B	19.62	Extra over item 59 for every subsequent coat of priming coat. (B) Ready mixed paint brushing wood primer pink.	Sqm	23.10
19010C	19.62	Extra over item 59 for every subsequent coat of priming coat. (C) Ready mixed paint brushing priming for enamel	Sqm	23.10
19011	19.71	Painting two coats (excluding priming coat) on new wood and wood based surface with enamel paint, interior to give an even shade including cleaning the surface of all dirt, dust and other foreign matter sand papering and stopping.	Sqm	55.30
19012	19.73	Painting one coats (excluding priming coat) on previously painted wood and wood based surface with enamel paint, to give an even shade including cleaning the of all dirt, dust and other foreign matter.	Sqm	35.00
19013	19.75	Extra over item 71 and 73 for every subsequent coat of paint.	Sqm	32.90
19014	19.77	Painting two coats (excluding priming coat) on new wood and wood based surface with ready mixed paint, brushing, oil, gloss, semi gloss to give and even shade including cleaning of all dust, dirt and other foreign matter sand papering and stopping.	Sqm	66.10
19015	19.84	Varnishing two coats (excluding priming coat) on new wood and wood based surface under coating with flatting varnish and finished coat with varnish to give an even surface including cleaning the surface of all dirt, dust and sand papering so as to produce a smooth dry surface.	Sqm	34.40
19016	19.86	Extra over item 84 for every subsequent coat of varnish.	Sqm	20.00

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Item Code	Item No. as per NBO	Description	Unit	Rate 2015-16
19017	19.87	Polishing with french polish on new wood and wood based surface to give an even surface including cleaning, the surface of all dirt, dust and sand papering smooth and including a coat of wood filler.	Sqm	83.60
19018	19.88	Polishing with french polish on previously polished wood and wood based surface to give an even surface including cleaning, the surface of all dirt, dust and sand papered smooth and including a coat of wood filler.	Sqm	43.00
19019	19.91	Applying wax polish on new wood and wood surface with bees wax polish in proportion of 2:1.5 :1:0.5 (2-Bees wax : 1.5 Linseed oil : 1- Turpentine even surface including cleaning the surface of all dirt dust and sand papered smooth.	Sqm	40.90
19020	19.92	Applying wax polish on previously wax polished wood and wood based surface with bees wax polish in proportion of 2:1.5 :1:0.5 (2-Bees wax : 1.5 Linseed oil : 1- Turpentine : 0.5 varnish by weight to give an even surface including cleaning the surface of all dirt dust and sand papered smooth.	Sqm	23.00
19021	19.98	Coat tarring two coats on new wood and wood based surfaces using 0.16 and 0.12 Litres of coal tar par Sq.M. in the first and second coat respectively to give an even shade including cleaning of all dirt, dust and other foreign matter.	Sqm	21.20
19022	19.1	Extra over item 19.98 or every subsequent coat of painth	Sqm	16.10
19023A	19.11	Writing letter or figures on any surface with black japan paint (stops,comas, hyphens and the like not to be measured and paid for separately)(i) Block (Letters/Figures) (Per 10 Letter pet CM.HT)	Per Letter Per Cm/Ht.	2.00
19023B	19.11	Writing letter or figures on any surface with black japan paint (stops,comas, hyphens and the like not to be measured and paid for separately) (ii) Indian (Letters/Figures)	Per Letter Per Cm/Ht.	2.20
19024A	19.121	Extra over items 19.119 for using thick white paint instead of black japan paint. (i) Block (Letters/Figures)	Per Letter Per Cm/Ht.	0.10
19024B	19.121	Extra over items 19.119 for using thick white paint instead of black japan paint. (ii) Indian (Letters/Figures)	Per Letter Per Cm/Ht.	0.10

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Item Code	Item No. as per NBO	Description	Unit	Rate 2015-16
19025A	19.126	Painting lines, deashes, arrows, letters etc on roads, Air fields and like in two coats with road marking paint, brushing including cleaning the surface of all dirt, dust and other foreign matter. (i) Over 10cm in width	Sqm	77.40
19025B	19.126	Painting lines, deashes, arrows, letters etc on roads, Air fields and like in two coats with road marking paint, brushing including cleaning the surface of all dirt, dust and other foreign matter. (ii) Upto 10 cm in width	Rmt	7.70
19026A	19.127	Painting lines, deashes, arrows, letters etc on roads, Air fields and like in one coats with road marking paint, brushing including cleaning the surface of all dirt, dust and other foreign matter. (i) Over 10cm in width	Sqm	32.00
19026B	19.127	Painting lines, deashes, arrows, letters etc on roads, Air fields and like in one coats with road marking paint, brushing including cleaning the surface of all dirt, dust and other foreign matter. (ii) Upto 10 cm in width	Sqm	3.50
19031		Finishing wall with weather proof exterior emulsion paint on wall surface (two coats) to give an required shape even shade after thoroughly brushing the surface to remove all dirt, and remains of loose powdered materials.etc complete	sqm	72.00
19032		Applying two coats of Birla (white cement based) or Asian (acrylic lapy- putty) or equivalent & two coats of primer of approved brand and manufacture on new wall surface to give an even shade including thoroughly brushing the surface free from mortar dropping and other foreign matter and sand papered smooth.	sqm	47.40

CHAPTER : 20 : DEMOLITION & DISMANTLING

20001A	20.1	Demolition and disposal of unserviceable materials with all lead and lift.(i) Lime concrete.	cu.m	333.00
20001B	20.1	Demolition and disposal of unserviceable materials with all lead and lift.(i) Lime concrete.	cu.m	383.00
20002	20.3	Demolition including stacking of serviceable materilas and disposal of unserviceable materials with all lead and lift. (i) R.C.C. work	cu.m	665.00
20003A	20.11	Demolition of Brick work and stone masonry including stacking of serviceable materilas and disposal of unserviceable materials with all lead and lift. (i) In Lime Mortar.	cu.m	230.00

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Item Code	Item No. as per NBO	Description	Unit	Rate 2015-16
20003B	20.11	Demolition of Brick work and stone masonry including stacking of serviceable materilas and disposal of unserviceable materials with all lead and lift.(ii) In Cement Mortar.	cu.m	346.00
20004	20.21	Demolition of terrace including stacking of serviceable materilas and disposal of unserviceable materials with all lead and lift.(i) Brick tile covering.	Sqm	40.00
20005	20.23	Dismantaling tiled of stone floors laid in mortar including stacking of serviceable materilas and disposal of unserviceable materials with all lead and lift.	Sqm	30.00
20006	20.25	Dismantaling of wooden floors including stacking of serviceable materilas and disposal of unserviceable materials with all lead and lift.	Sqm	45.00
20007A	20.27	Dismantaling of sheet roofing including ridges, Hips, Valleys, Gutters etc. stacking of serviceable materilas and disposal of unserviceable materials with all lead and lift.(i) G.I.sheet roofing.	Sqm	30.00
20007B	20.27	Dismantaling of sheet roofing including ridges, Hips, Valleys, Gutters etc. stacking of serviceable materilas and disposal of unserviceable materials with all lead and lift.(ii) A.C. sheet roofing.	Sqm	34.00
20008	20.28	Dismentalings manglore of country tile roofing with battens boarding etc. including stacking of serviceable materilas and disposal of unserviceable materials with all lead and lift.(ii) A.C. sheet roofing.	Sqm	55.00
20009	20.3	Dismentalings cement asbestos hard board in ceiling or partition walls, wooden trellies work including trellies work including frames ,stacking of serviceable materilas and disposal of unserviceable materials with all lead and lift.	Sqm	30.00
20010	20.35	Dismentling wood work, wrought framed and fixed in frames trusses including stacking the materials with all lead and lift.	cu.m	1106.00
20011	20.39	Dismentling expanded metal or I.R.C Fabric with necessary battens and beadings including frame work, and stacking the serviceable materials with all lead and lift.	Sqm	35.00
20012	20.43	Dismentling steel work including distempering and stacking the materials with all lead and lift.	Kg	2.30

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Item Code	Item No. as per NBO	Description	Unit	Rate 2015-16
20013A	20.49	Dismantling doors, windows, ventilators etc. (wood or steel) shutters including chowkhats architraves, holdfasts and other attachment etc. complete and stacking them within all lead and lift.(i) Not exceeding 3 Sq.M. in area.	Each	118.00
20013B	20.49	Dismantling doors, windows, ventilators etc. (wood or steel) shutters including chowkhats architraves, holdfasts and other attachment etc. complete and stacking them within all lead and lift.(ii) Exceeding 3 Sq.M. in area.	Each	158.00
20014	20.51	Dismantling barbed wire in fencing including making rolls and also including dismantling fencing posts including all earth work concrete in base and making good the disturbed ground stacking useful materials as directed and disposing as directed and disposing of the unserviceable materials with all lead and lift.	Rmt	42.00
20015	20.56	Dismantling C.I. pipes G.S.W.pipes abd A.C. rain water pipes with fittings and clamps including stacking the materials with all lead and lift (for any dia, of pipe)	Rmt	47.00
20016	0	Dismantling sanitary fittings like wash basin . W.C. pan Indian and European type, flushing tank etc. including stacking the materials with all lead and lift.	Each	255.00
20017	0	Scraping oil paint from steel and other metal surface and making the surface even (with Hand Scraping.)	Sqm	31.00
20040		Providing and fixing 15 mm diameter backup rod having minimum density 22 kg per cum (ASTMD - 3575) & compression strength of 0.40 kg per sqm (ASTM - 5249) and finishing with polysulphide sealant etc. complete. For 12 mm wide expansion joint	Rmt	11.70
20041		Providing and fixing 25 mm diameter backup rod having minimum density 22 kg per cum (ASTMD - 3575) & compression strength of 0.40 kg per sqm (ASTM - 5249) and finishing with polysulphide sealant etc. complete. For 20 mm wide expansion joint	Rmt	19.50

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Item Code	Item No. as per NBO	Description	Unit	Rate 2015-16
20042		Providing and fixing 30 mm diameter backup rod having minimum density 22 kg per cum (ASTMD - 3575) & compression strength of 0.40 kg per sqm (ASTM - 5249) and finishing with polysulphide sealant etc. complete. For 25 mm wide expansion joint	Rmt	21.10
20043		Providing and fixing 50 mm diameter backup rod having minimum density 22 kg per cum (ASTMD - 3575) & compression strength of 0.40 kg per sqm (ASTM - 5249) and finishing with polysulphide sealant etc. complete. For 40 mm wide expansion joint	Rmt	58.10
20044		Providing and fixing 60 mm diameter backup rod having minimum density 22 kg per cum (ASTMD - 3575) & compression strength of 0.40 kg per sqm (ASTM - 5249) and finishing with polysulphide sealant etc. complete. For 50 mm wide expansion joint	Rmt	78.80
20045		Removing and scraping of old deteriorated plaster of any thickness from wall / R.C.C member including stacking of serviceable material and disposal of unserviceable from site of work with all lead and lift	Sqm	12.30
20046		Providing and fixing of Corner Angle for Various Flashing in 100mm x 100mm size in Equal Shape with 5mm edge lipping on both side . The Angle Flashing shall be made out of 0.5 mm thick pre coated GI sheet with edge bending of approximate 5mm. The Precoated sheet shall be of minimum 240 mpa steel grade confirming to IS 14246:1995 and shall have zinc coating of minimum 120 gsm as per IS:277:1992 , 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 micron. The PPGI Sheet shall have plastic protective guard film of minimum 25 microns to avoid scratches during transportation. The U track shall be fixed with suitable POP rivet with wall and roof panels with minimum spacing of 450 mm c/c.	sqm	483.00

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Item Code	Item No. as per NBO	Description	Unit	Rate 2015-16
20047		Providing and fixing of Corner Angle for Various Flashing in 150mm x 150mm size in Equal Shape with 5mm edge lipping on both side . The Angle Flashing shall be made out of 0.5 mm thick pre coated GI sheet with edge bending of approximate 5mm. The Precoated sheet shall be of minimum 240 mpa steel grade confirming to IS 14246:1995 and shall have zinc coating of minimum 120 gsm as per IS:277:1992 , 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 micron. The PPGI Sheet shall have plastic protective guard film of minimum 25 microns to avoid scratches during transportation. The U track shall be fixed with suitable POP rivet with wall and roof panels with minimum spacing of 450 mm c/c.	sqm	486.00
20048		Providing and fixing PUF Insulated continuous sandwich panels for roofs of total thickness not less than 30 mm made out from continue line method.Panel shall have 0.5 mm thick pre coated GI sheet on both side of Polyurethane foam with external face being corrugated in shape for GI and PU foam both material.The crest height of the panel shall be of 35mm minimum wiht 250mm c/c pitch. The Precoated sheet shall be of minimum 240 mpa steel grade confirming to IS 14246:1995 and shall have zinc coating of 120 gsm as per IS:277 , 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 micron.The PPGI Sheet shall have protective guard film of minimum 25 microns to avoid scratches wihile trasportation.The roof panels are laid over a frame work of trusses, columns and purlins fixed using 90mm self drilling bolt with rubber washer including all types of flashings. PU Foam must be self-extinguishing, fire retardant type having minimum density of 40 Kg/Cu.mt.(+, - 2 Kgs) including 0.25mm craft paper edging,self tapping screws of required length and nos.etc complete as	Sqm	2803.00

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Item Code	Item No. as per NBO	Description	Unit	Rate 2015-16
20049		Providing and fixing PUF Insulated continuous sandwich panels for roofs of total thickness not less than 30 mm made out from continue line method.Panel shall have 0.35 mm thick pre coated GI sheet on both side of Polyurethane foam with external face being corrugated in shape for GI and PU foam both material.The crest height of the panel shall be of 35mm minimum wiht 250mm c/c pitch. The Precoated sheet shall be of minimum 240 mpa steel grade confirming to IS 14246:1995 and shall have zinc coating of 120 gsm as per IS:277 , 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 micron.The PPGI Sheet shall have protective guard film of minimum 25 microns to avoid scratches wihile trasportation.The roof panels are laid over a frame work of trusses, columns and purlins fixed using 90mm self drilling bolt with rubber washer including all types of flashings. PU Foam must be self-extinguishing, fire retardant type having minimum density of 40 Kg/Cu.mt.(+, - 2 Kgs) including 0.25mm craft paper edging,self tapping screws of required length and nos.etc complete as	Sqm	2533.00

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Item Code	Item No. as per NBO	Description	Unit	Rate 2015-16
20050		Providing and fixing PUF Insulated continuous sandwich panels for walls of total thickness not less than 50 mm and width 1.0 m made out from continue line method on automatic plant.Panel shall have 0.5 mm thick pre coated GI sheet on both side of Polyurethane Foam confirming to IS 12436:1988.The Precoated sheet shall be of minimum 240 mpa steel grade confirming to IS 14246:1995 and shall have zinc coating of minimum 120 gsm as per IS:277:1992 , 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 micron.The PPGI Sheet shall have plastic protective guard film of minimum 25 microns to avoid scratches during transportation.The panels shall be vertically joined together by tongue and groove joints. The PU Foam shall be self-extinguishing, fire retardant type having minimum density of 40 Kg/Cu.mt.(+, - 2 Kgs) including 0.25 mm thick craft paper edging on both edges. The panels shall be fixed to the steel frame structure with minimum 5mm thick self tapping GI screws of required length and nos. with minimum spacing of 300 mm c/c.	Sqm	2814.00

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Item Code	Item No. as per NBO	Description	Unit	Rate 2015-16
20051		Providing and fixing PUF Insulated continuous sandwich panels for walls of total thickness not less than 50 mm and width 1.0 m made out from continue line method on automatic plant.Panel shall have 0.35 mm thick pre coated GI sheet on both side of Polyurethane Foam confirming to IS 12436:1988.The Precoated sheet shall be of minimum 240 mpa steel grade confirming to IS 14246:1995 and shall have zinc coating of minimum 120 gsm as per IS:277:1992 , 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 micron.The PPGI Sheet shall have plastic protective guard film of minimum 25 microns to avoid scratches during transportation.The panels shall be vertically joined together by tongue and groove joints. The PU Foam shall be self-extinguishing, fire retardant type having minimum density of 40 Kg/Cu.mt.(+, - 2 Kgs) including 0.25 mm thick craft paper edging on both edges. The panels shall be fixed to the steel frame structure with minimum 5mm thick self tapping GI screws of required length and nos. with minimum spacing of 300 mm c/c.	Sqm	2503.00

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Item Code	Item No. as per NBO	Description	Unit	Rate 2015-16
20052		Providing and fixing PUF Insulated continuous sandwich panels for walls of total thickness not less than 40 mm and width 1.0 m made out from continue line method on automatic plant.Panel shall have 0.5 mm thick pre coated GI sheet on both side of Polyurethane Foam confirming to IS 12436:1988.The Precoated sheet shall be of minimum 240 mpa steel grade confirming to IS 14246:1995 and shall have zinc coating of minimum 120 gsm as per IS:277:1992 , 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 micron.The PPGI Sheet shall have plastic protective guard film of minimum 25 microns to avoid scratches during transportation.The panels shall be vertically joined together by tongue and groove joints. The PU Foam shall be self-extinguishing, fire retardant type having minimum density of 40 Kg/Cu.mt.(+, - 2 Kgs) including 0.25 mm thick craft paper edging on both edges. The panels shall be fixed to the steel frame structure with minimum 5mm thick self tapping GI screws of required length and nos. with minimum spacing of 300 mm c/c.	Sqm	2735.00

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Item Code	Item No. as per NBO	Description	Unit	Rate 2015-16
20053		Providing and fixing PUF Insulated continuous sandwich panels for walls of total thickness not less than 40 mm and width 1.0 m made out from continue line method on automatic plant.Panel shall have 0.35 mm thick pre coated GI sheet on both side of Polyurethane Foam confirming to IS 12436:1988.The Precoated sheet shall be of minimum 240 mpa steel grade confirming to IS 14246:1995 and shall have zinc coating of minimum 120 gsm as per IS:277:1992 , 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 micron.The PPGI Sheet shall have plastic protective guard film of minimum 25 microns to avoid scratches during trasportation.The panels shall be vertically joined together by tongue and groove joints. The PU Foam shall be self-extinguishing, fire retardant type having minimum density of 40 Kg/Cu.mt.(+, - 2 Kgs) including 0.25 mm thick craft paper edging on both edges. The panels shall be fixed to the steel frame structure with minimum 5mm thick self tapping GI screws of required length and nos. with minimum spacing of 300 mm c/c.	Sqm	2424.00
20054		Structural steel work (Confirming to IS 4923-1997) riveted, bolted or welded in builtup for all type sections, in framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete as per the structural designs and directions of Engineer in charge.Column (122 x 61 x 3.6mm)	kg	115.00

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Item Code	Item No. as per NBO	Description	Unit	Rate 2015-16
20055		Providing and fixing of Bottom and top U track for closing of end joints for cut PUF panels of size of 52mm x 30mm with 5mm lipping on Both edges. The U track shall be made out of 1 mm thick pre coated GI sheet.The Precoated sheet shall be of minimum 240 mpa steel grade confirming to IS 14246:1995 and shall have zinc coating of minimum 120 gsm as per IS:277:1992 , 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 micron. The PPGI Sheet shall have plastic protective guard film of minimum 25 microns to avoid scratches during transportation. The U track shall be fixed with suitable POP rivet with wall roof panels and plinth with Expandable fastners with minimum spacing of 450 mm c/c. The Utrack shall be fixed	Rmt	394.00
20056		Providing and fixing of Bottom and top U track for closing of end joints for cut PUF panels of size of 42mm x 30mm with 5mm lipping on Both edges. The U track shall be made out of 1 mm thick pre coated GI sheet.The Precoated sheet shall be of minimum 240 mpa steel grade confirming to IS 14246:1995 and shall have zinc coating of minimum 120 gsm as per IS:277:1992 , 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 micron. The PPGI Sheet shall have plastic protective guard film of minimum 25 microns to avoid scratches during transportation. The U track shall be fixed with suitable POP rivet with wall roof panels and plinth with Expandable fastners with minimum spacing of 450 mm c/c. The Utrack shall be fixed	Rmt	364.00

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Item Code	Item No. as per NBO	Description	Unit	Rate 2015-16
20057		Providing and fixing of Ridge flashing for roof panel shall be made out of 0.5 mm thick pre coated GI sheet . The Precoated sheet shall be of minimum 240 mpa steel grade confirming to IS 14246:1995 and shall have zinc coating of minimum 120 gsm as per IS:277:1992 , 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 micron. The PPGI Sheet shall have plastic protective guard film of minimum 25 microns to avoid scratches during transportation. The ridge shall be fixed to the steel members by pop rivet or self drilling/self stitching fastners @ maximum 450 mm c/c along length of capping/flashing etc complete .	Rmt	493.00
20057A		Providing and fixing of Ridge flashing for roof panel shall be made out of 0.5 mm thick pre coated GI sheet . The Precoated sheet shall be of minimum 240 mpa steel grade confirming to IS 14246:1995 and shall have zinc coating of minimum 120 gsm as per IS:277:1992 , 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 micron. The PPGI Sheet shall have plastic protective guard film of minimum 25 microns to avoid scratches during transportation. The ridge shall be fixed to the steel members by pop rivet or self drilling/self stitching fastners @ maximum 450 mm c/c along length of capping/flashing etc complete .	Sqm	821.00
20058		Providing and fixing of end cap of Roofing panel. The End Cap track shall be made out of 0.5 mm thick pre coated GI sheet suitable for 30mm thick panel.The Precoated sheet shall be of minimum 240 mpa steel grade confirming to IS 14246:1995 and shall have zinc coating of minimum 120 gsm as per IS:277:1992 , 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 micron. The PPGI Sheet shall have plastic protective guard film of minimum 25 microns to avoid scratches during transportation. The U track shall be fixed with suitable POP rivet with wall and roof panels with minimum spacing of 450 mm c/c.	Rmt	487.00

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Item Code	Item No. as per NBO	Description	Unit	Rate 2015-16
20059		Providing and fixing of end cap of Roofing panel. The End Cap track shall be made out of 0.5 mm thick pre coated GI sheet suitable for 40mm thick panel. The Precoated sheet shall be of minimum 240 mpa steel grade confirming to IS 14246:1995 and shall have zinc coating of minimum 120 gsm as per IS:277:1992 , 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 micron. The PPGI Sheet shall have plastic protective guard film of minimum 25 microns to avoid scratches during transportation. The U track shall be fixed with suitable POP rivet with wall and roof panels with minimum spacing of 450 mm c/c.	Rmt	437.00
20060		Providing and fixing of Corner Angle for Various Flashing in 25mm x 25mm size in Equal Shape with 5mm edge lipping on both side . The Angle Flashing shall be made out of 0.5 mm thick pre coated GI sheet with edge bending of approximate 5mm. The Precoated sheet shall be of minimum 240 mpa steel grade confirming to IS 14246:1995 and shall have zinc coating of minimum 120 gsm as per IS:277:1992 , 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 micron. The PPGI Sheet shall have plastic protective guard film of minimum 25 microns to avoid scratches during transportation. The U track shall be fixed with suitable POP rivet with wall and roof panels with minimum spacing of 450 mm c/c.	Rmt	318.00

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Item Code	Item No. as per NBO	Description	Unit	Rate 2015-16
20061		Providing and fixing of Corner Angle for Various Flashing in 50mm x 50mm size in Equal Shape with 5mm edge lipping on both side . The Angle Flashing shall be made out of 0.5 mm thick pre coated GI sheet with edge bending of approximate 5mm. The Precoated sheet shall be of minimum 240 mpa steel grade confirming to IS 14246:1995 and shall have zinc coating of minimum 120 gsm as per IS:277:1992 , 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 micron. The PPGI Sheet shall have plastic protective guard film of minimum 25 microns to avoid scratches during transportation. The U track shall be fixed with suitable POP rivet with wall and roof panels with minimum spacing of 450 mm c/c.	Rmt	357.00
20062		Providing and fixing of Corner Angle for Various Flashing in 100mm x 100mm size in Equal Shape with 5mm edge lipping on both side . The Angle Flashing shall be made out of 0.5 mm thick pre coated GI sheet with edge bending of approximate 5mm. The Precoated sheet shall be of minimum 240 mpa steel grade confirming to IS 14246:1995 and shall have zinc coating of minimum 120 gsm as per IS:277:1992 , 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 micron. The PPGI Sheet shall have plastic protective guard film of minimum 25 microns to avoid scratches during transportation. The U track shall be fixed with suitable POP rivet with wall and roof panels with minimum spacing of 450 mm c/c.	Rmt	490.00

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Item Code	Item No. as per NBO	Description	Unit	Rate 2015-16
20063		Providing and fixing of Corner Angle for Various Flashing in 150mm x 150mm size in Equal Shape with 5mm edge lipping on both side . The Angle Flashing shall be made out of 0.5 mm thick pre coated GI sheet with edge bending of approximate 5mm. The Precoated sheet shall be of minimum 240 mpa steel grade confirming to IS 14246:1995 and shall have zinc coating of minimum 120 gsm as per IS:277:1992 , 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 micron. The PPGI Sheet shall have plastic protective guard film of minimum 25 microns to avoid scratches during transportation. The U track shall be fixed with suitable POP rivet with wall and roof panels with minimum spacing of 450 mm c/c.	Rmt	559.00
20064		Preparing and applying of water soluble, nonflammable, reactive and penetrative silane nanotechnology with water (<1000 ppm TDS) in the ratio of 1 liter silane :20 liter water mixed with 0.5 liter acrylic copolymer polymer compatible and stable in silane solution. Take 1 liter of silane nanotechnology and add in 20 liter water in drum under manual stirring and then add 0.5 liter acrylic copolymer under manual stirring and mix completely. Spray apply the solution at the rate of 1 liter per sqm on horizontal and 0.5 liter per sqm on vertical new or old cementitious / concrete surface . (For very dense concrete of M50 and above for bridges may not absorb 1 liter per sq meter so reduce the water of dilution to 1:10)Horizontal Surface	sqm	91.80

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Item Code	Item No. as per NBO	Description	Unit	Rate 2015-16
20064A		Preparing and applying of water soluble, nonflammable, reactive and penetrative silane nanotechnology with water (<1000 ppm TDS) in the ratio of 1 liter silane :20 liter water mixed with 0.5 liter acrylic copolymer polymer compatible and stable in silane solution. Take 1 liter of silane nanotechnology and add in 20 liter water in drum under manual stirring and then add 0.5 liter acrylic copolymer under manual stirring and mix completely. Spray apply the solution at the rate of 1 liter per sqm on horizontal and 0.5 liter per sqm on vertical new or old cementitious / concrete surface . (For very dense concrete of M50 and above for bridges may not absorb 1 liter per sq meter so reduce the water of dilution to 1:10)Vertical Surface	sqm	49.10

CHAPTER : 21 : REPAIRS TO BUILDING

21001	21.8	Providing and fixing M.S. fan clamps of shape and size as specified in existing R.C.C. slab including cutting chase and making good.	Each	107.00
21002	21.23	Cutting out cracks of roof terrace to V- section , cleaning out, wetting , grouting with cement and sand slurry 1:3 (1-cement 3-sand) (upto 10 ton)	Rmt	41.00
21002A	21.23	Cutting out cracks of roof terrace to V- section , cleaning out, wetting , grouting with cement and sand slurry 1:3 (1-cement 3-sand) (more than 10 ton)	Rmt	
21003	21.24	Cutting out cracks roof terrace to V-Section cleaning out and filling solidly with a hot mixture of bitumen and clean dry sand (1:1 by weight) (upto 10 ton)	Rmt	47.80

CHAPTER : 22 : MISCELLANEOUS BUILDING ITEM

22001	22.2	Providing and fixing 1.20 Metre high fencing with 2.0 Metre long M.S. Angle posts 40mm x 40 mm x6 mm and oil painting 3 coats fixed at 2.5 Mt,C/c. with five Horizontan lines and two diagonals of galvanised steel barbed wire weighting 9.38 Kg. per 100 Metre, strained and fixed to posts with G.I,staples including fixing the postsin ground with 0.5 M x 0.5.M x 0.5 M. block in C.C1:5:10 etc complete.	Rmt	305.00
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Item Code	Item No. as per NBO	Description	Unit	Rate 2015-16
22002	0	Construction of B.B,masonry paniyara 23cm. x 75cm. wall and 15cm x 15cm curbing including fixing precast R.C.C. arble mosaic (Terrazo) slab of 75mm thickness on top and smooth finishing in cement plaster in C.M. 1:3 curing etc. complete including drainage out waste water arrangements.	Rmt	1059.00
22003	0	Constructing a sink (chowkedi) with C.C. 1:2:4, 12cm. thick over B.B. masonry in C.M.(1:6) in front and dwarf wall 1.0 Mt.high and 23 cm.thick cement plaster to masonry / in C.M.1:3) and cement concrete flooring in 1:2:4: mi x 5 cm. dia. drain pipe etc.complete.	Rmt	1449.00
22004A	0	Constructing a cooking platform 60 cm. width and 70 cm high resting on B.B.Masonry walls 23 cm.thick in C.M.(1:6) with (i) Fixing or precast R.C.C.1:2:4) 8 cm. thick slab with marble chips set in C.M. (1:6) (6mm thick terrazo) with plastering on exposed faces walls in C.M. (1:4) etc complete.	Rmt	593.00
22004B	0	Constructing a cooking platform 60 cm. width and 70 cm high resting on B.B.Masonry walls 23 cm.thick in C.M.(1:6) with (ii) Fixing black kadappa stone 30mm thick laid on precast R.C.C. (1:2:4) slab with plastering on exposed faces of wall in C.M. (1:4) etc complete.	Rmt	719.00
22005	0	Carring out timber treatment to all wood work including drilling holes and spraying oil based chemical solution on surface of timber work for termite control including labour and material etc. complete. Using Chlordene 20 EC. As Per 6113_part III Consentration Weight 1.00 percent is recommended one litre chemical emulsion dillute with 9 liter of kerosene precent concentration. Total dillute concentration will be 10 litre inclusive of the litre chemical emulsion appication 0.75 / Litre chemical per one Sqmt printed two coat wood surface.	Smt	34.90

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Item Code	Item No. as per NBO	Description	Unit	Rate 2015-16
22006	0	Applying general insecticide pest control treatment to floors, cupboards etc including labour material etc. complete. Using Heptachloride 20 EC. As Per 6113_pests Concentration Weight 0.50 percent is recommended one litre chemical emulsion dilute with 39 liter of water will give. Total dilute concentration will be 40 litre inclusive of one litre chemical emulsion application 0.5 Litre chemical / Sqm of surface is recommended as per I.S	Smt	58.50
22007	0	Carring out plinth treatment to post construction / existing structure by spraying chemical solution for termite control treatment including labour and material consistment with I.S.I specification. Using Chlordene and Chiorpurfiles 20 EC. As Per 6131_paret-II Concentration Weight one percent is recommended i.e one litre 20 EC chemical emulsion with 19 liter give 1 % concentration inclusive of one litre chemical emulsion application at the rate of 5 Litre chemical / Sqm of surface is recommended as per I.S	Smt	66.60
22008	0	Carrying out wall treatment for termite control including spraying with chemical solution in oil base (0.5 Lit./ Sq.M.) including labour and material Using Hepachlor concentration 20 EC. As Per IS. 6316_paret-II Concentration by Weight 0.50 percent is recommended i.e one litre chemical emulsion dilute with 39 liter of IS concentration total dilute concentration will be 40 litre inclusive of one litre chemical emulsion application at the rate of 7.5 Litre chemical / Sqm of surface is recommended as per I.S	Smt	23.70
22009	0	Providing and fixing Rajula stone 75mm thick 60mm x 45mm size including fixing in cement mortar as directed.	Smt	83.70
22010	0	Providing and laying bilimora type Brick facing in C.M. 1:1 laid over bedding of cement mortar 1:3 (20mm thickness) including clearing watering scaffolding etc. complete. (upto 10 ton)	Smt	497.00
22011	0	Providing and fixing Teak wood rail of 60mm x 20mm size and 50cm. length including 3 coats of oil paint to wood work with set of 3 pags.	Rmt	70.00

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Item Code	Item No. as per NBO	Description	Unit	Rate 2015-16
22014		Providing erecting and fixing double coated Syntex PVC. (ISI) water tank of required capacity each with all necessary fittings and connection etc. complete on terrace.	litre	4.60
22015		Providing and mixing Migratory Corrosion Admixture POLYALK CP 293 having Specific Gravity 1.01 to 1.04, pH value (Minimum 9.50) shall be alkaline in nature and having bipolar concrete penetrating corrosion inhibiting properties, inhibitor shall be non-nitrite based & have the ability to provide corrosion protection to both anodic and cathodic sites on the steel surface, inhibitor-steel complex shall formed polydentate complexes, having more than one bond with steel per molecule of inhibitor, with steel surface to promote proper film formation with enhanced bond to steel, inhibiting the electro-chemical corrosion reaction, inhibitor shall not have any adverse effect on concrete compressive strength, inhibitor shall have a corrosion rate of zero coulombs per ASTM-G109-2005, admixture shall be conforming to IS 9103 and in liquid form at the rate of 3Kg per one cubic meter volume of concrete admixture shall be added to the water, during mixing of cement, sand & aggregates and at the same rate admixture shall be added in case of Ready Mix Concrete at plant site, mixing of admixture during mixing of cement,	Cum	846.00

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Item Code	Item No. as per NBO	Description	Unit	Rate 2015-16
22016		Providing and mixing Migratory Corrosion Admixture POLYALK CP 293 having Specific Gravity 1.01 to 1.04, pH value (Minimum 9.50) shall be alkaline in nature and having bipolar concrete penetrating corrosion inhibiting properties, inhibitor shall be non-nitrite based & have the ability to provide corrosion protection to both anodic and cathodic sites on the steel surface, inhibitor-steel complex shall formed polydentate complexes, having more than one bond with steel per molecule of inhibitor, with steel surface to promote proper film formation with enhanced bond to steel, inhibiting the electro-chemical corrosion reaction, inhibitor shall not have any adverse effect on concrete compressive strength, inhibitor shall have a corrosion rate of zero coulombs per ASTM-G109-2005, admixture shall be conforming to IS 9103 and in liquid form at the rate of 5% by weight of cementitious materials, during mixing of cement & sand before grouting of cementitious materials etc. complete.	Kg	14.10
22017		Providing and fixing Resin Bonded Rock Wool of density 48 kg / cum as & where required as directed by Engineer-in-Charge. Rock Wool confirming to IS: 8183	Cum	3154.00
22018		Providing and fixing Vapour Breather Membrane Confirming to IBC 2009 on Exterior Cement Board as & Where directed by Engineer-in-Charge.	Sqm	198.00
22019		Providing and Laying of One side alluminium foil thermal bubble insulation barrier on the external side of the LWGS wall Panel under the Cement Board as & Where directed by Engineer-in-Charge.	Sqm	153.00
22020		Providing and Fixing 12 mm thick moisture & fire resistant heavy duty Cement Fibre Board (High pressure steam cured) Confirming to ISO 4862-2000 in wall panels of one face of cold formed galvanised light gauge steel frame structure to form wall / partition as & Where directed by Engineer-in-Charge	Sqm	819.00

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Item Code	Item No. as per NBO	Description	Unit	Rate 2015-16
22021		Supply & fixing factory finished cold formed Light guage steel frame sections confirming to SP:6 (5) 1980 at site or work including riveted, bolted or welded in builtup for all type of sections ,in framed work, cutting, hoisting, fixing in position and applying primer coat of approved steel primer etc. complete as per structural designs & directions of Engineer-in-charge.	Kg	134.00

CHAPTER : 23 : WATER SUPPLY PLUMBING & SANITARY FITTING

23001A	23.2	Providing and fixing to wall, ceiling and floor galvanised Mild steel tubes (Medium grade) of the following nominal bore, tube fitting and clamps including making good the wall ceiling and floor.(A) 15mm (upto 10 ton)	Rmt	155.00
23001B	23.2	Providing and fixing to wall, ceiling and floor galvanised Mild steel tubes (Medium grade) of the following nominal bore, tube fitting and clamps including making good the wall ceiling and floor.(B) 20mm (upto 10 ton)	Rmt	196.00
23001C	23.2	Providing and fixing to wall, ceiling and floor galvanised Mild steel tubes (Medium grade) of the following nominal bore, tube fitting and clamps including making good the wall ceiling and floor.(C) 25mm (upto 10 ton)	Rmt	270.00
23001D	23.2	Providing and fixing to wall, ceiling and floor galvanised Mild steel tubes (Medium grade) of the following nominal bore, tube fitting and clamps including making good the wall ceiling and floor.(D) 32mm (upto 10 ton)	Rmt	340.00
23001E	23.2	Providing and fixing to wall, ceiling and floor galvanised Mild steel tubes (Medium grade) of the following nominal bore, tube fitting and clamps including making good the wall ceiling and floor.(E) 40mm (upto 10 ton)	Rmt	416.00
23001F	23.2	Providing and fixing to wall, ceiling and floor galvanised Mild steel tubes (Medium grade) of the following nominal bore, tube fitting and clamps including making good the wall ceiling and floor.(F) 50mm (upto 10 ton)	Rmt	542.00

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Item Code	Item No. as per NBO	Description	Unit	Rate 2015-16
23002A	23.4	Providing and laying in trenches galvanised mild steel tubes (Midium grade) of the following nominal bore, and tube fitting (Earthwork in trenches to be measured and paid for separately)(A) 15mm (upto 10 ton)	Rmt	119.00
23002B	23.4	Providing and laying in trenches galvanised mild steel tubes (Midium grade) of the following nominal bore, and tube fitting (Earthwork in trenches to be measured and paid for separately)(B) 20mm (upto 10 ton)	Rmt	154.00
23002C	23.4	Providing and laying in trenches galvanised mild steel tubes (Midium grade) of the following nominal bore, and tube fitting (Earthwork in trenches to be measured and paid for separately) (C) 25mm (upto 10 ton)	Rmt	221.00
23002D	23.4	Providing and laying in trenches galvanised mild steel tubes (Midium grade) of the following nominal bore, and tube fitting (Earthwork in trenches to be measured and paid for separately)(D) 40mm (upto 10 ton)	Rmt	338.00
23002E	23.4	Providing and laying in trenches galvanised mild steel tubes (Midium grade) of the following nominal bore, and tube fitting (Earthwork in trenches to be measured and paid for separately)(E) 65mm (upto 10 ton)	Rmt	557.00
23002H	23.4	Providing and laying in trenches galvanised mild steel tubes (Midium grade) of the following nominal bore, and tube fitting (Earthwork in trenches to be measured and paid for separately)(H) 80mm (upto 10 ton)	Rmt	715.00
23003	23.6	Making connection of galvanised Mild steel distribution branch with galvanised mild steel main 50mm to 80mm nominal bore by providing and fixing tee including cutting and threading the pipes complete.	Each	381.00
23004A	23.8	Providing and fixing to wall ceiling and floor 6.0 Kg. F/Cm2 working pressure poluthene pipes of the following outside Dia. Low densidy, complete with special falnge compression type fittings, wall clipsetc. including making good the wall ceiling and floor.(A) 20mm	Rmt	49.60

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Item Code	Item No. as per NBO	Description	Unit	Rate 2015-16
23004B	23.8	Providing and fixing to wall ceiling and floor 6.0 Kg. F/Cm2 working pressure poluthene pipes of the following outside Dia. Low densidy, complete with special falnge compression type fittings, wall clipsetc. including making good the wall ceiling and floor.(B) 25mm	Rmt	63.80
23004C	23.8	Providing and fixing to wall ceiling and floor 10.0 Kg. F/Cm2 working pressure poluthene pipes of the following outside Dia. Low densidy, complete with special falnge compression type fittings, wall clipsetc. including making good the wall ceiling and floor.(C) 32mm	Rmt	73.90
23004D	23.8	Providing and fixing to wall ceiling and floor 10.0 Kg. F/Cm2 working pressure poluthene pipes of the following outside Dia. Low densidy, complete with special falnge compression type fittings, wall clipsetc. including making good the wall ceiling and floor.(D) 40mm	Rmt	79.00
23004E	23.8	Providing and fixing to wall ceiling and floor 10.0 Kg. F/Cm2 working pressure poluthene pipes of the following outside Dia. Low densidy, complete with special falnge compression type fittings, wall clipsetc. including making good the wall ceiling and floor.(E) 50mm	Rmt	105.00
23004F	23.8	Providing and fixing to wall ceiling and floor 10.0 Kg. F/Cm2 working pressure polythene pipes of the following outside Dia. Low densidy, complete with special falnge compression type fittings, wall clipsetc. including making good the wall ceiling and floor.(F) 75mm	Rmt	178.00
23004G	23.8	Providing and fixing to wall ceiling and floor 10.0 Kg. F/Cm2 working pressure poluthene pipes of the following outside Dia. Low densidy, complete with special falnge compression type fittings, wall clipsetc. including making good the wall ceiling and floor.(G)110 mm	Rmt	318.00
23005B	23.79	Providing and fixing cast iron spigot and socket soil, waste and ventilating pipes of the following nominal size.(B) 75mm dia. (upto 10 ton)	Rmt	811.00
23005C	23.79	Providing and fixing cast iron spigot and socket soil, waste and ventilating pipes of the following nominal size.(C) 100mm dia. (upto 10 ton)	Rmt	976.00
23006B	0	Providing and fixing in position cowl vent to pipes.(B) 75mm dia.	Each	362.00

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Item Code	Item No. as per NBO	Description	Unit	Rate 2015-16
23006C	0	Providing and fixing in position cowel went to pipes.(C) 100mm dia	Each	491.00
23008	23.857	Providing and fixing cast iron (Spun) Nahni trap of the following nominal diameter of self cleaning design with C.I. screaed down or higned grating including cost of cutting and making good the walls and floor 100mm inlet and 50mm outlet.(C) 100mm dia.	Each	381.00
23009	23.111	Providing and fixing water closet squatting Pan (Indian type W.C. Pan) size 580mm (Earthwork, bed concrete, foot reste and trap to be measured and paid for separately) (A) Vitreous China.(I) Long pattern = White colour	Each	588.00
23010	23.112	Providing and fixing wsh down water closet (European type, W.C. Pan) with integral P or S trap including jointing the trap with soil pipe in Cement Mortar 1:1 (1-Cement : 1-fine sand) (Seal and cover to be measured and paid for separately)(A) vitreous China Pattern :(i) in white colour	Each	876.00
23011	23.113	Providing and fixing 100mm size P or S trap for water closet squatting pan including jointing the trap with the pan and soil pipe in cement Mortar 1:1 (1-Cement : 1-Fine sand)(A) Vitreous China.	Each	198.00
23012	23.114	Providing and fixing in Cement Mortar 1:3 (1-Cement : 3-coarse sand)a, pair of white vitreous China 250mm x 130mm x 30mm footrest to long pattern squatting pan water closet.	Each	85.70
23013	23.115	Providing and fixing 12.5 Litres low level flushing cistern with a pair, of C.I. or Mild brackets, complete with fittings such as lead valve less syphon, 15mm nom.nal size brass ball valve with polythene float, C.P brass handle unions and couplings for connections, with inlet, outlet and overflow pipes, 40mm dia. porcelain enamelled flush bend including cutting holes in walls and making good the same connecting the flush bend with cistern and closet (overflow pipe to be measured and paid for separately)(A) Vitreous China (I) In white colour	Each	2047.00

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Item Code	Item No. as per NBO	Description	Unit	Rate 2015-16
23014	23.116	Providing and fixing 12.5 Litres high level C.I. flushing cistern with A pair of C.I. or Mild steel brackets, complete with fittings such as syphonic arrangement, 15mm nominal size brass ball valve with polythene float, lever G.I. China (60 cm.) and pull union and couplings for connections with inlet, outlet and overflow pipes etc. including cutting holes in walls and making good the same (overflow pipe to be measured and paid for separately)	Each	1057.00
23015	23.117	Providing and fixing in position with clamps etc. 32mm nominal internal diameter galvanised steel tube flush pipe for high level flushing cistern including connecting the flush pipe with cistern and closet and making good the walls and floors.	Rmt	288.00
23016	23.12	Providing and fixing G.I. inlet connection for flush pipe with W.C. Pan	Each	16.20
23017	23.121	Providing and fixing plastic seat and cover for wash down water closer with C.P. brass hinges and rubber buffers. (B) Black plastic seal and cover.	Each	333.00
23018	23.127	Providing and fixing washbasin with single hole for pillar tap with C.I. or M.S. brackets painted white including cutting holes and making good the same but excluding fittings.(A) Vitreous China:(ii) Flat Back washbasin 550 mm x v 400mm size. (i) In white colour.	Each	889.00
23019	23.13	Providing and fixing Kitchen sink with C.I. or M.S. brackets, painted white including cutting holes in walls and making good the same but excluding fittings. (C) Vitreous China Sink.(i) 600mm x 450mm x 150mm size	Each	1914.00
23020A	23.135	Providing and fixing C.P. brass waste for washbasin or sink. (A) 32mm dia.	Each	71.40
23020B	23.135	Providing and fixing C.P. brass waste for washbasin or sink. (B) 40mm dia.	Each	94.10
23021A	23.136	Providing and fixing M.I. fisher union for washbasin or sink. (A) 32mm dia.	Each	86.50
23021B	23.136	Providing and fixing M.I. fisher union for washbasin or sink. (B) 40mm dia.	Each	96.60
23022	23.139	Providing and fixing 100mm sand cast iron grating for gully, floor or Nahni trap.	Each	43.20
23023	23.141	Providing and fixing C.P. brass shower rose with 15mm or 20mm inlet.(A) 100mm dia. Each	Each	322.00

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Item Code	Item No. as per NBO	Description	Unit	Rate 2015-16
23024	23.143	Providing and fixing 600mm x 450mm bevelled edge mirror of superior glass mounted on 6mm thick A.C. sheet or plywood sheet and fixing to wooden pluge with C.P. brass screws and washers.	Each	580.00
23025	23.144	Providing and fixing C.P. brass towel rail complete with C.P. brass brackets fixed to wooden plugs with C.P. brass screws.(B) 600mm x 20mm size.	Each	533.00
23026	23.145	Providing and fixing 600mm x 120mm glass shelf with C.P. brass bracket and guard rail complete mixed to wooden plug with C.P. brass screws.	Each	365.00
23027	23.146	Providing and fixing toilet paper holder.(A) C.P. Brass	Each	383.00
23028A1	23.92	Providing and fixing screw down bib taps of following size.(A) Brass screw down bib tap polished bright. (i) 15mm dia.	Each	189.00
23028A2	23.92	Providing and fixing screw down bib taps of following size.(A) Brass screw down bib tap polished bright. (ii) 20mm dia.	Each	237.00
23028B1	23.92	Providing and fixing screw down bib taps of following size.(B) Brass chromium plated screws down Bib Tap. (i) 15mm dia.	Each	215.00
23028B2	23.92	Providing and fixing screw down bib taps of following size.(B) Brass chromium plated screws down Bib Tap. (ii) 20mm dia.	Each	248.00
23028C1	23.92	Providing and fixing screw down bib taps of following size.(C) Gun metal screw down bib tap. (i) 15mm dia.	Each	183.00
23028C2	23.92	Providing and fixing screw down bib taps of following size.(C) Gun metal screw down bib tap. (ii) 20mm dia.	Each	205.00
23029A	23.95	Providing and fixing pillar tap, capstan head, screw down high pressure with screws, shanks and back nuts. (i) 15mm dia.	Each	354.00
23029B	23.95	Providing and fixing pillar tap, capstan head, screw down high pressure with screws, shanks and back nuts. (ii) 20mm dia.	Each	408.00
23030A	23.96	Providing and fixing brass screw down stop tap.(A) 15mm dia.	Each	237.00
23030B	23.96	Providing and fixing brass screw down stop tap.(B) 20mm dia.	Each	235.00
23030C	23.96	Providing and fixing brass screw down stop tap.(C) 25mm dia.	Each	255.00
23031A	23.99	Providing and fixing Gun metal check or non-return fullway wheel valve.(A) 15mm dia.	Each	215.00

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Item Code	Item No. as per NBO	Description	Unit	Rate 2015-16
23031B	23.99	Providing and fixing Gun metal check or non-return fullway wheel valve.(B) 20mm dia.	Each	235.00
23031C	23.99	Providing and fixing Gun metal check or non-return fullway wheel valve.(C) 25mm dia.	Each	483.00
23031D	23.99	Providing and fixing Gun metal check or non-return fullway wheel valve.(D) 32mm dia.	Each	361.00
23031E	23.99	Providing and fixing Gun metal check or non-return fullway wheel valve.(E) 40mm dia.	Each	762.00
23032A	0	Providing and fixing chromium plated brass half trun flush cock of approved quality including fixing in pipe line etc. complete.(i) 20mm dia.	Each	293.00
23032B	0	Providing and fixing chromium plated brass half trun flush cock of approved quality including fixing in pipe line etc. complete.(ii) 25mm dia.	Each	303.00
23032C	0	Providing and fixing chromium plated brass half trun flush cock of approved quality including fixing in pipe line etc. complete.(iii) 32mm dia.	Each	318.00
23033	23.122	Providing and fixing Urinal or approved quality including connecting the Urinal with waste pipe , tap etc. complete.(A) White earthenware flat back or corner type size 430mm x 260mm x 350mm.	Each	658.00
23034	23.124	Providing and fixing Urinal of approved quality including connection with trap and with integral longitudinal flush pipe.(A) Squating plate pattern white earthenware 550mm x 300mm.	Each	975.00
23035	23.134	Providing and fixing Rubber plug for sink or wash basin.	Each	18.50
23036	0	Providing and fixing chromium plated, bottle trap with necessary couplings of approved quality for wash basin.	Each	323.00
23037A1	0	Providing and fixing ball cock of approved. quality as directed.(A) Copper Metal (i) 25mm dia.	Each	155.00
23037A2	0	Providing and fixing ball cock of approved. quality as directed.(A) Copper Metal (ii) 50mm dia.	Each	219.00
23037B1	0	Providing and fixing ball cock of approved. quality as directed.(B) Abonite (i) 25mm dia.	Each	120.00
23037B2	0	Providing and fixing ball cock of approved. quality as directed.(B) Abonite (ii) 50mm dia.	Each	160.00
23038	0	Providing and fixing C.I. Manhole cover 0.60 M. x 0.45M. size having weight not less than 35Kg.	Each	1101.00
23039	0	Providing and fixing G.I. Rain water spout of 50mm dia. and 30cm. length.	Each	119.00

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Item Code	Item No. as per NBO	Description	Unit	Rate 2015-16
23055		Providing and fixing concealed center point to wall ceiling & floor CPVC (SDR 13.5) PIPE having National Sanitation Foundation (NSF) seal for potable water of following dia. nominal bore tube fittings and clamps including making good the wall, ceiling and floor etc. complete. [A] 15 mm.	Rmt	131.00
23056		Providing and fixing concealed center point to wall ceiling & floor CPVC (SDR 13.5) PIPE having National Sanitation Foundation (NSF) seal for potable water of following dia. nominal bore tube fittings and clamps including making good the wall, ceiling and floor etc. complete. [B] 20 mm.	Rmt	171.00
23057		Providing and fixing concealed center point to wall ceiling & floor CPVC (SDR 13.5) PIPE having National Sanitation Foundation (NSF) seal for potable water of following dia. nominal bore tube fittings and clamps including making good the wall, ceiling and floor etc. complete. [C] 25 mm.	Rmt	218.00
23058		Providing and fixing concealed center point to wall ceiling & floor CPVC (SDR 13.5) PIPE having National Sanitation Foundation (NSF) seal for potable water of following dia. nominal bore tube fittings and clamps including making good the wall, ceiling and floor etc. complete. [D] 32mm.	Rmt	305.00
23059		Providing and fixing concealed center point to wall ceiling & floor CPVC (SDR 13.5) PIPE having National Sanitation Foundation (NSF) seal for potable water of following dia. nominal bore tube fittings and clamps including making good the wall, ceiling and floor etc. complete. [E] 40mm.	Rmt	409.00
23060		Providing and fixing concealed center point to wall ceiling & floor CPVC (SDR 13.5) PIPE having National Sanitation Foundation (NSF) seal for potable water of following dia. nominal bore tube fittings and clamps including making good the wall, ceiling and floor etc. complete. [F] 50mm.	Rmt	635.00

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Item Code	Item No. as per NBO	Description	Unit	Rate 2015-16
23061		Providing laying and jointing in true line and level 15mm dia. U.P.V.C. Pipe (SCH- 40) for cold water including fittings make PRINCE / SUPREME / ASTRAL / FINOLEX or equivalent as approved by Engineer In Charge. Pipe shall be fixed on the wall with the help of clamp at every two metre C/C or shall be cancelled as directed including necessary fittings etc. including testing of pipe and joints and fixing the same with adhesive solvent, including cost of all materials.	Rmt	84.90
23062		Providing laying and jointing in true line and level 25mm dia. U.P.V.C. Pipe (SCH- 40) for cold water including fittings make PRINCE / SUPREME / ASTRAL / FINOLEX or equivalent as approved by Engineer In Charge. Pipe shall be fixed on the wall with the help of clamp at every two metre C/C or shall be cancelled as directed including necessary fittings etc. including testing of pipe and joints and fixing the same with adhesive solvent, including cost of all materials.	Rmt	107.00
23063		Providing laying and jointing in true line and level 32mm dia. U.P.V.C. Pipe (SCH- 40) for cold water including fittings make PRINCE / SUPREME / ASTRAL / FINOLEX or equivalent as approved by Engineer In Charge. Pipe shall be fixed on the wall with the help of clamp at every two metre C/C or shall be cancelled as directed including necessary fittings etc. including testing of pipe and joints and fixing the same with adhesive solvent, including cost of all materials.	Rmt	139.00
23064		Providing laying and jointing in true line and level 40mm dia. U.P.V.C. Pipe (SCH- 40) for cold water including fittings make PRINCE / SUPREME / ASTRAL / FINOLEX or equivalent as approved by Engineer In Charge. Pipe shall be fixed on the wall with the help of clamp at every two metre C/C or shall be cancelled as directed including necessary fittings etc. including testing of pipe and joints and fixing the same with adhesive solvent, including cost of all materials.	Rmt	173.00

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Item Code	Item No. as per NBO	Description	Unit	Rate 2015-16
23065		Providing laying and jointing in true line and level 50mm dia. U.P.V.C. Pipe (SCH- 40) for cold water including fittings make PRINCE / SUPREME / ASTRAL / FINOLEX or equivalent as approved by Engineer In Charge. Pipe shall be fixed on the wall with the help of clamp at every two metre C/C or shall be concealed as directed including necessary fittings etc. including testing of pipe and joints and fixing the same with adhesive solvent, including cost of all materials.	Rmt	229.00
23066		Providing, laying and jointing in true line and level 160 diameter U.P.V.C (Type B) conforming to IS 13592-1992 with one end plain and other end socketed with rubber ring, & fittings conforming to ISI 14735-1999 of approved make for drainage system pipe line, pipe shall be jointed with each other with rubber lubricant, pipe shall be fixed on wall using of PVC clamp of the size 160 mm diameter x 210 mm length x 196 mm height at every 2000 mm center to center or shall be concealed in walls as directed including necessary fittings such as bends, shoes etc. including testing of pipes and joints and jointed with adhesive solvent cement including cost of all materials.	Rmt	919.00
23067		Providing, laying and jointing in true line and level 110 diameter U.P.V.C (Type B) conforming to IS 13592-1992 with one end plain and other end socketed with rubber ring, & fittings conforming to ISI 14735-1999 of approved make for drainage system pipe line, pipe shall be jointed with each other with rubber lubricant, pipe shall be fixed on wall using of PVC clamp of the size 110 mm diameter x 149 mm length x 145 mm height at every 2000 mm center to center or shall be concealed in walls as directed including necessary fittings such as bends, shoes etc. including testing of pipes and joints and jointed with adhesive solvent cement including cost of all materials.	Rmt	525.00
23068		Providing and fixing PVC SWR Nahni trap IS 14735 for drain - 100 mm diameter with jali of the following nominal diameter of self cleansing design with C.I screed down or hinged grating including the cost of cutting and making good the walls.	each	359.00

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Item Code	Item No. as per NBO	Description	Unit	Rate 2015-16
23069		Providing and fixing PVC SWR Nahni trap IS 14735 for drain - 75 mm diameter with jali of the following nominal diameter of self cleansing design with C.I screed down or hinged grating including the cost of cutting and making good the walls.	each	351.00

CHAPTER : 24 : DRAINAGE & SEWERAGE ITEM

24001A	24.1	Providing and laying (to level or slopes) and jointing with stiff mixture of Cement Mortar in proportion 1:1 Selt glazed stoneware pipes including testing of pipes and joints complete.(A) 100mm dia. (upto 10 ton)	Rmt	134.00
24001B	24.1	Providing and laying (to level or slopes) and jointing with stiff mixture of Cement Mortar in proportion 1:1 Selt glazed stoneware pipes including testing of pipes and joints complete.(B) 150mm dia. (upto 10 ton)	Rmt	183.00
24002A	24.2	Providing and laying Cement concrete 1:5:10 (1-Cement : 5-Fine sand :10-Graded stone aggregate 40mm nominal size) bedding for stoneware pipes of following internal diameters with necessary formwork and curing complete.(A) 100 mm dia. (112 mm Ave.bed thickness)	Rmt	97.50
24002B	24.2	Providing and laying Cement concrete 1:5:10 (1-Cement : 5-Fine sand :10-Graded stone aggregate 40mm nominal size) bedding for stoneware pipes of following internal diameters with necessary formwork and curing complete.(B) 150mm dia. (166mm Ave. bed thickness)	Rmt	164.00
24003A	0	Providing and laying lime concrete 1:2:4 (1-Lime putty :2-Fine samd : 4-Graded brick aggregates 40mm nominal size) bedding for stoneware pipes of following internal diameters with necessary formwork and curing complete.(A) 100 mm dia. 300mm width (112 mm Ave.bed thickness)	Rmt	67.20
24003B	0	Providing and laying lime concrete 1:2:4 (1-Lime putty :2-Fine samd : 4-Graded brick aggregates 40mm nominal size) bedding for stoneware pipes of following internal diameters with necessary formwork and curing complete.(B) 150mm dia. 450mm width (166mm Ave. bed thickness)	Rmt	113.00

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Item Code	Item No. as per NBO	Description	Unit	Rate 2015-16
24004A1	24.17	Extra over item 24.1 for providing salt Glazed stoneware fittings.(i) Bends of required degree (any redious) of following nominal diameters. (A) 100mm dia. (upto 10 ton)	Each	35.30
24004A2	24.17	Extra over item 24.1 for providing salt Glazed stoneware fittings.(i) Bends of required degree (any redious) of following nominal diameters.(B) 150mm dia. (upto 10 ton)	Each	47.00
24004B	24.17	Extra over item 24.1 for providing salt Glazed stoneware fittings.(ii) Taper bend of required degree of following internal diameters.(A) 100mm x 150mm (upto 10 ton)	Each	85.70
24004C1	24.17	Extra over item 24.1 for providing salt Glazed stoneware fittings.(iii) Single Junction of required angle of following internal diameters. (A) 100mm. (upto 10 ton)	Each	74.80
24004C2	24.17	Extra over item 24.1 for providing salt Glazed stoneware fittings.(iii) Single Junction of required angle of following internal diameters. (B) 150mm. (upto 10 ton)	Each	137.00
24005	24.18	Providing and laying jointing and pointing with stiff mixture of Cement Mortar 1:1 (1-Cement : 1-Fine sand) 150 mm internal diameter salt glazed stoneware half round channels. (upto 10 ton)	Rmt	131.00
24006A	24.19	Providing and fixing S.W. gully trap with C.I. grating brick masonry chamber and water tight C.I. cover with frame of 300mm x 300mm size (inside) with standard weight.(i) Square mouth traps. (A) 100mm x 100mm size P type. (upto 10 ton)	Each	1203.00
24006B	24.19	Providing and fixing S.W. gully trap with C.I. grating brick masonry chamber and water tight C.I. cover with frame of 300mm x 300mm size (inside) with standard weight.(i) Square mouth traps.(B) 150mm x 100mm size P or R type	Each	1227.00
24007B	24.22	Providing laying (to level or slopes) and jointing reinforced concrete Light duty non-pressure pipes I.S. class NP2 of the following internal diameter with collars and butt ends prepared for collar joints including testing of joints complete.(B) 150mm (upto 10 ton)	Rmt	212.00

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Item Code	Item No. as per NBO	Description	Unit	Rate 2015-16
24007C	24.22	Providing laying (to level or slopes) and jointing reinforced concrete Light duty non-pressure pipes I.S. class NP2 of the following internal diameter with collars and butt ends prepared for collar joints including testing of joints complete.(C) 250mm (upto 10 ton)	Rmt	311.00
24007D	24.22	Providing laying (to level or slopes) and jointing reinforced concrete Light duty non-pressure pipes I.S. class NP2 of the following internal diameter with collars and butt ends prepared for collar joints including testing of joints complete.(D) 300mm (upto 10 ton)	Rmt	439.00
24007E	24.22	Providing laying (to level or slopes) and jointing reinforced concrete Light duty non-pressure pipes I.S. class NP2 of the following internal diameter with collars and butt ends prepared for collar joints including testing of joints complete.(E) 450mm (upto 10 ton)	Rmt	788.00
24007F	24.22	Providing laying (to level or slopes) and jointing reinforced concrete Light duty non-pressure pipes I.S. class NP2 of the following internal diameter with collars and butt ends prepared for collar joints including testing of joints complete.(F) 500mm (upto 10 ton)	Rmt	906.00
24007G	24.22	Providing laying (to level or slopes) and jointing reinforced concrete Light duty non-pressure pipes I.S. class NP2 of the following internal diameter with collars and butt ends prepared for collar joints including testing of joints complete.(G) 600mm (upto 10 ton)	Rmt	1054.00
24007H	24.22	Providing laying (to level or slopes) and jointing reinforced concrete Light duty non-pressure pipes I.S. class NP2 of the following internal diameter with collars and butt ends prepared for collar joints including testing of joints complete.(H) 900mm (upto 10 ton)	Rmt	1918.00
24007K	24.22	Providing laying (to level or slopes) and jointing reinforced concrete Light duty non-pressure pipes I.S. class NP2 of the following internal diameter with collars and butt ends prepared for collar joints including testing of joints complete.(K) 1000mm (upto 10 ton)	Rmt	2319.00

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Item Code	Item No. as per NBO	Description	Unit	Rate 2015-16
24007M	24.22	Providing laying (to level or slopes) and jointing reinforced concrete Light duty non-pressure pipes I.S. class NP2 of the following internal diameter with collars and butt ends prepared for collar joints including testing of joints complete.(M) 1200mm (upto 10 ton)	Rmt	2504.00
24008A	24.27	Constructing Manhole with R.C.C. top slab in 1:2:4 mix (1-cement :2-coarse sand : 4-graded stone aggregate 20mm nominal size) foundation concrete 1:3:6 mix (1-cement : 3- coarse sand :6- Brick bats 40 + 50mm size) inside plastering 15mm thick with Cement Mortar 1:5 (1-Cement : 5-coarse sand) finished with a floating coat of neat cement and making channels in cement concrete 1:2:4 mix (1-Cement :2-Coarse sand :4-stone aggregate 20mm nominal size) finished smooth complete including curing and festing (i) Inside size 900mm x 1200mm and 1.5M. deep including C.I. cover with frame size 560mm diameter total weight of cover and frame to be not less than 128 kgs. (Wt. of cover 64 Kg. and Wt. of frame 64 Kg.)(A) With 230mm thick walls of brick msonry using brick having crushing strength not less than 35Kg. / Sq.cm. in Cement Mortar 1:5 (1- Cement: 5-Coarse sand) (1) A type depth 0.90 Metre for 150mm diameter sewer.	Each	9752.00

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Item Code	Item No. as per NBO	Description	Unit	Rate 2015-16
24008B	24.27	Constructing Manhole with R.C.C. top slab in 1:2:4 mix (1-cement :2-coarse sand : 4-graded stone aggregate 20mm nominal size) foundation concrete 1:3:6 mix (1-cement : 3- coarse sand :6- Brick bats 40 + 50mm size) inside plastering 15mm thick with Cement Mortar 1:5 (1-Cement : 5-coarse sand) finished with a floating coat of neat cement and making channels in cement concrete 1:2:4 mix (1-Cement :2-Coarse sand :4-stone aggregate 20mm nominal size) finished smooth complete including curing and festing (i) Inside size 900mm x 1200mm and 1.5M. deep including C.I. cover with frame size 560mm diameter total weight of cover and frame to be not less than 128 kgs. (Wt. of cover 64 Kg. and Wt. of frame 64 Kg.)(A) With 230mm thick walls of brick msonry using brick having crushing strength not less than 35Kg. / Sq.cm. in Cement Mortar 1:5 (1- Cement: 5-Coarse sand) (2) B type depth 1.50 Metre for 150mm diameter sewer.	Each	16816.00
24008C	24.27	Constructing Manhole with R.C.C. top slab in 1:2:4 mix (1-cement :2-coarse sand : 4-graded stone aggregate 20mm nominal size) foundation concrete 1:3:6 mix (1-cement : 3- coarse sand :6- Brick bats 40 + 50mm size) inside plastering 15mm thick with Cement Mortar 1:5 (1-Cement : 5-coarse sand) finished with a floating coat of neat cement and making channels in cement concrete 1:2:4 mix (1-Cement :2-Coarse sand :4-stone aggregate 20mm nominal size) finished smooth complete including curing and festing (i) Inside size 900mm x 1200mm and 1.5M. deep including C.I. cover with frame size 560mm diameter total weight of cover and frame to be not less than 128 kgs. (Wt. of cover 64 Kg. and Wt. of frame 64 Kg.)(A) With 230mm thick walls of brick msonry using brick having crushing strength not less than 35Kg. / Sq.cm. in Cement Mortar 1:5 (1- Cement: 5-Coarse sand) (3) C type depth 2.25 Metre for 150mm diameter sewer.	Each	19755.00
24008D	24.27	(A) With 230mm thick walls of brick msonry using brick having crushing strength not less than 35Kg. / Sq.cm. in Cement Mortar 1:5 (1- Cement: 5-Coarse sand) (4) D type depth 3.15 Metre for 150mm diameter sewer.	Each	25335.00

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Item Code	Item No. as per NBO	Description	Unit	Rate 2015-16
24009A	24.28	(I) Extra rate for constructing B.B. masonry for every additional depth of 0.1M. or Part thereof over item No.24.27 (I) for depth from 0.9M to 1.5M.	Each	413.00
24009B	24.28	(II) Extra rate for constructing B.B. masonry for every additional depth of 0.1M. GR Part thereof over item No.24.27 (I) for depth from 1.50M. to 2.25M.	Each	314.00
24009C	24.28	(III) Extra rate for constructing B.B. masonry for every additional depth of 0.1M. or Part thereof over item No. 24.27 (III) for depth from 2.25M to 3.15M.	Each	346.00
24009D	24.28	(IV) Extra rate for constructing B.B. masonry for every additional depth of 0.1M. or Part thereof over item No. 24.27 (IV) for depth above 3.15M.	Each	534.00
24010	24.33	Providing and fixing cast iron steps of size 500mm x 150mm x 22.5mm and painting with two coats of Anti-corrosive paint etc. complete.	Each	103.00
24011	24.35	Supplying and fixing C.I. cover 300mm x 300mm without frame for Gulley trap (Standard pattern) te weight of cover to be not less 4.53 Kg.) (upto 10 ton)	Each	543.00
24012	24.39	Providing and erecting at the site of work steel ventilating column of 150m internal diameter and 12.20 Metre High from G.L. to bottom of top grill including C.I. grill and base plate bolts and nuts etc. and excavation in foundation of size 120cm. x 120vc. x 165cm. and filling the pit with first layer of cement concrete 1:3:6 mix (1-cement :3-coarse sand :6-graded stone aggregate 20mm nominal size) of 120cm. x 120cm. x 90cm. and remaining pit with B.B.C. 1:3:6 mix (1-cement :3-coarse sand:6-Brickbats 40+50mm size) and providing fillet in Cement concrete 1:2:4 mix (1-cement :2- coarse sand :4-graded stone aggregate 20mm. nominal size) at G.L. and 3 coats of silver paint etc. complete. (upto 10 ton)	Each	26386.00
24013	24.4	Constructing Brick masonry road gully chamber 500mm x 450mm x 600mm including 500mm x 450mm C.I. horizontal grating wih frame complete. (upto 10 ton)	Each	1553.00
24014	24.41	Constructing Brick masonry road gully chamber 450mm x 450mm x 775mm with vertical gating complete.	Each	1980.00

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Item Code	Item No. as per NBO	Description	Unit	Rate 2015-16
24015	24.42	Constructing brick masonry road gully chamber 1100mm x 775mm including 500mm x 450mm (C.I. horizontal grating with frame and vertical grating complete.) (upto 10 ton)	Each	3224.00
24016A	24.44	Constructing brick masonry chamber for underground C.I. Inspection chamber and bends with briocks having croshing strength not less than 35Kg. Cm2 in C.M. 1:5 C.I. cover with frame (Light duty) 455mm x 610mm intenal dimensions total weight of cover with frame to be not less than 38Kg. (Wt. of cover 23 Kg.) and Wt. of frame 15Kg.) (R.C.C. top slabe with 1:2:4 mix (1-cement :2- coarse sand :4-graded stone aggregate 20mm size) foundation concrete 1:5:10 inside plaster 15mm thick with cement mortar 1:3 finished smooth with a floating coat of neat cement on walls and bed concrete etc. complete.(i) Inside dimensions 455mmx 610mm and 450mm deep for single pipe line. (upto 10 ton)	Each	2444.00
24016B	24.44	Constructing brick masonry chamber for underground C.I. Inspection chamber and bends with briocks having croshing strength not less than 35Kg. Cm2 in C.M. 1:5 C.I. cover with frame (Light duty) 455mm x 610mm intenal dimensions total weight of cover with frame to be not less than 38Kg. (Wt. of cover 23 Kg.) and Wt. of frame 15Kg.) (R.C.C. top slabe with 1:2:4 mix (1-cement :2- coarse sand :4-graded stone aggregate 20mm size) foundation concrete 1:5:10 inside plaster 15mm thick with cement mortar 1:3 finished smooth with a floating coat of neat cement on walls and bed concrete etc. complete.(ii) Inside dimensions 500mm x 700 mm and 450mm deep for pipe line with one or two inlets. (upto 10 ton)	Each	2885.00

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Item Code	Item No. as per NBO	Description	Unit	Rate 2015-16
24016C	24.44	Constructing brick masonry chamber for underground C.I. Inspection chamber and bends with bricks having crushing strength not less than 35Kg. Cm ² in C.M. 1:5 C.I. cover with frame (Light duty) 455mm x 610mm internal dimensions total weight of cover with frame to be not less than 38Kg. (Wt. of cover 23 Kg.) and Wt. of frame 15Kg.) (R.C.C. top slab with 1:2:4 mix (1-cement :2- coarse sand :4-graded stone aggregate 20mm size) foundation concrete 1:5:10 inside plaster 15mm thick with cement mortar 1:3 finished smooth with a floating coat of neat cement on walls and bed concrete etc. complete.(iii) Inside dimensions 600mm x mm and 450mm deep for pipe lines with three or more inlets. (upto 10 ton)	Each	7139.00
24017A	24.46	Extra over items 24.44 for every additional depth of 0.1M. of part thereof beyond 450mm depth for Brick masonry chamber.(i) for 455mm x 610mm size.	Each	191.00
24017B	24.46	Extra over items 24.44 for every additional depth of 0.1M. of part thereof beyond 450mm depth for Brick masonry chamber.(ii) for 500mm x 700mm size.	Each	208.00
24017C	24.46	Extra over items 24.44 for every additional depth of 0.1M. of part thereof beyond 450mm depth for Brick masonry chamber.(iii) for 600mm x 850mm size.	Each	256.00
24018A	0	(A) Providing sock pit of 2.00 Cu.M. Volume including excavating and filling brickbats with dry masonry work at top for 45cm. height including covering the top with stone including providing vatas in C.M. 1:3 with finishing curing etc. complete as directed. (upto 10 ton)	Each	1080.00
24018B	0	(B) Providing sock pit of 5.00 Cu.M. Volume including excavating and filling brickbats with dry masonry work at top for 45cm. height including covering the top with stone including providing vatas in C.M. 1:3 with finishing curing etc. complete as directed. (upto 10 ton)	Each	2701.00

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MORE THAN

5.0 CRORE

SCHEDULE OF RATES FOR THE YEAR: 2015-16
AHMEDABAD CITY (R & B) DIVISION, AHMEDABAD

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SR. NO.	Item No as per N.B.O	ITEM DESCRIPTION	UNIT	Rate for 2011-12 Rs.
(1)	(2)	(3)	(4)	(5)

CHAPTER : 3 : CEMENT MORTAR

1	2.5.1	Lime mortar 1;1 (1 Lime puty / equivalent dry hydrated lime : 1 Fine sand)	cum	1365.25
2	2.5.2	Lime mortar 1:2 (1 Lime puty / equivalent dry hydrated lime : 2 Fine sand)	cum	1183.49
3	2.5.3	Lime mortar 1:3 (1 Lime puty / equivalent dry hydrated lime : 3 Fine sand)	cum	1092.39
4	0.0	Lime mortar 1:1.5 (1 Lime puty / equivalent dry hydrated lime : 1.5 Fine sand)	cum	1296.51
5	2.5.11	Cement mortar 1:1 (1 cement : 1 Fine sand)	cum	6111.22
6	2.5.12	Cement mortar 1:2 (1 cement : 1 Fine sand)	cum	4294.90
7	2.5.13	Cement mortar 1:3 (1 cement : 3 Fine sand)	cum	3387.18
8	2.5.14	Cement mortar 1:4 (1 cement : 4 Fine sand)	cum	2660.96
9	2.5.15	Cement mortar 1:5 (1 cement : 5 Fine sand)	cum	2269.91
10	2.5.16	Cement mortar 1:6 (1 cement : 6 Fine sand)	cum	1934.73
11	2.5.18	Cement mortar 1:3 (1 cement : 3 Coarse sand)	cum	3408.58
12	2.5.19	Cement mortar 1:4 (1 cement : 4 Coarse sand)	cum	2682.36
13	2.5.20	Cement mortar 1:5 (1 cement : 5 Coarse sand)	cum	2291.31
14	2.5.21	Cement mortar 1:6 (1 cement : 6 Coarse sand)	cum	1956.13

Rate for 2012-13 Rs. (6)	Rate for 2013-14 Rs. (7)	Rate for 2014-15 Rs. (8/)	Rate for 2015-16 Rs. (9)	Rate for 2016-17 Rs. (10)
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1578.95	1636.03	1636.03	1439.71	
1343.23	1404.25	1404.25	1235.74	
1225.14	1288.12	1288.12	1133.55	
1485.62	1546.17	1546.17	1360.63	
6772.53	6619.65	6619.65	5825.29	
4752.37	4668.17	4668.17	4107.99	
3742.77	3692.94	3692.94	3249.79	
2935.54	2909.62	2909.62	2560.47	
2500.87	2487.84	2487.84	2189.3	
2128.30	2126.31	2126.31	1871.15	
3764.17	3714.34	3714.34	3268.62	
2956.94	2931.02	2931.02	2579.3	
2522.27	2509.24	2509.24	2208.13	
2149.70	2147.71	2147.71	1889.98	

SR. NO.	Item No as per N.B.O	ITEM DESCRIPTION	UNIT	Rate for 2011-12 Rs.
(1)	(2)	(3)	(4)	(5)
15	0.0	Cement mortar 1:8 (1 cement : 8 Coarse sand)	cum	1607.37
15-A	0.0	Lime mortar 1:1.5 (1 Lime puty / equivalent dry hydrated lime : 1.5 Coarse sand)	cum	

CHAPTER : 4 : EARTH WORK

1	0.0	Excavation for foundation up to 1.5mt. depth including sorting out and stacking of useful materials and disposing of the excavated stuff up to 50 meter lead. (A) Loose or soft soil	cum	60.00
		(B) Dense or hard soil	cum	77.00
		(C) Hard Murrum	cum	131.00
		(D) Soft rock not requiring blasting	cum	136.00
		(E) Hard rock	cum	349.00
2	0.0	Excavation for foundation from 1.5 mt. to 3.0 mt. depth including sorting out and stacking of useful materials and disposing of the excavated stuff up to 50 meter lead. (A) Loose or soft soil	cum	67.00
		(B) Dense or hard soil	cum	84.00
		(C) Hard Murrum	cum	141.00
		(D) Soft rock not requiring blasting	cum	148.00
		(E) Hard rock	cum	360.00

Rate for 2012-13 Rs. (6)	Rate for 2013-14 Rs. (7)	Rate for 2014-15 Rs. (8/)	Rate for 2015-16 Rs. (9)	Rate for 2016-17 Rs. (10)
1764.43	1773.21	1773.21	1560.42	
1503.42	1563.97	1563.97	1376.29	
75.00	83.00	83.00	122.00	
96.00	106.00	106.00	153.00	
164.00	181.00	181.00	266.00	
170.00	187.00	187.00	276.00	
392.00	423.00	423.00	568.00	
83.00	92.00	92.00	135.00	
105.00	115.00	115.00	169.00	
176.00	194.00	194.00	286.00	
185.00	204.00	204.00	299.00	
406.00	439.00	439.00	592.00	

SR. NO.	Item No as per N.B.O	ITEM DESCRIPTION	UNIT	Rate for 2011-12 Rs.
(1)	(2)	(3)	(4)	(5)
3	0.0	Excavation for foundation from 3.0 mt. to 5.0 mt. depth including sorting out and stacking of useful materials and disposing of the excavated stuff up to 50 meter lead. (A) Loose or soft soil	cum	73.00
		(B) Dense or hard soil	cum	90.00
		(C) Hard Murrum	cum	148.00
		(D) Soft rock not requiring blasting	cum	160.00
		(E) Hard rock	cum	371.00
4	0.0	Extra for additional depth more than 5.0 mt for excavation for foundation including sorting out and stacking of useful materials and disposing off the excavation stuff upto 50 mt lead. (A) Loose or soft soil.	cum	6.00
		(B) Dense or hard soil.	cum	6.00
		(C) Hard murrum	cum	9.00
		(D) Soft rock not requiring blasting.	cum	11.00
		(E) Hard rock.	cum	11.00
5	0.0	Add extra for disposing off the excavated stuff of above items for lead of (A) 50 mt to 100 mt.	cum	9.00
		(B) 100 mt to 200 mt.	cum	18.00
		(C) 200 mt to 300 mt.	cum	27.00
		(D) 300 mt to 400 mt.	cum	40.00
		(E) 400 mt to 500 mt.	cum	67.00

Rate for 2012-13 Rs. (6)	Rate for 2013-14 Rs. (7)	Rate for 2014-15 Rs. (8/)	Rate for 2015-16 Rs. (9)	Rate for 2016-17 Rs. (10)
92.00	101.00	101.00	148.00	
113.00	124.00	124.00	183.00	
184.00	203.00	203.00	299.00	
199.00	220.00	220.00	323.00	
421.00	455.00	455.00	615.00	
8.00	9.00	9.00	13.30	
8.00	9.00	9.00	13.30	
11.00	12.00	12.00	18.30	
15.00	16.00	16.00	23.60	
15.00	16.00	16.00	23.60	
9.00	10.00	10.00	12.60	
18.00	19.00	19.00	25.00	
27.00	29.00	29.00	38.00	
41.00	43.00	43.00	56.00	
68.00	72.00	72.00	93.00	

SR. NO.	Item No as per N.B.O	ITEM DESCRIPTION	UNIT	Rate for 2011-12 Rs.
(1)	(2)	(3)	(4)	(5)
6	4.12	Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20cm in depth consolidating each deposited layer by ramming & watering.	cum	39.00
7	4.24	Filling in plinth with sand under floors including watering, ramming, consolidating and dressing etc. complete.	cum	360.00
8	0.00	Filling foundation and plinth with murrum or selected soil in layers of 20 cm. thickness including watering, ramming and consolidation etc. complete.	cum	306.00
9	0.00	Filling foundation and plinth with brickbats / chhara in layers of 20 cm. thickness including watering, ramming and consolidation etc. complete.	cum	488.00
10	4.27	Boring holes 3.50 mt deep in ordinary soil (For cast in situ piles) and getting out the soil and disposal of the surplus excavated soil as directed within a lead of 50 meter for following diameter. (I) 200 mm.	Each	318.00
		(II) 250 mm.	Each	379.00
		(III) 300 mm.	Each	442.00
11	4.28	Extra for under reaming inside the bore holes for under reamed piles of following diameter. (I) 200 mm.	Each	124.00
		(II) 250 mm.	Each	156.00
		(III) 300 mm.	Each	185.00

Rate for 2012-13 Rs. (6)	Rate for 2013-14 Rs. (7)	Rate for 2014-15 Rs. (8/)	Rate for 2015-16 Rs. (9)	Rate for 2016-17 Rs. (10)
48.00	53.00	53.00	79.00	
459.00	491.00	491.00	311.00	
332.00	353.00	353.00	252.00	
542.00	574.00	574.00	466.00	
392.00	431.00	431.00	625.00	
468.00	515.00	515.00	749.00	
545.00	601.00	601.00	876.00	
154.00	170.00	170.00	250.00	
193.00	213.00	213.00	300.00	
230.00	254.00	254.00	373.00	

SR. NO.	Item No as per N.B.O	ITEM DESCRIPTION	UNIT	Rate for 2011-12 Rs.
(1)	(2)	(3)	(4)	(5)
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 3.50 mt for piles of following diameter. (I) 200 mm.	Each	104.00
		(II) 250 mm.	Each	139.00
		(III) 300 mm.	Each	154.00

CHAPTER : 5 : CONCRETE WORK

1	5.1.6	Providing and 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 form work.	cum	1853.00
2	5.1.8	Providing and laying in foundation and plinth / under floors lime concrete with graded brick aggregates 40 mm nominal size and 40% mortar comprising of 1 lime putty : 2 fine sand and curing complete excluding cost of form work.	cum	1426.00
3	5.3.2	Providing and laying cement concrete 1:3:6 (1 cement : 3 coarse sand : 6 Hand broken stone aggregates 40 mm nominal size) and curing etc complete excluding cost of form work in (A) Foundation & Plinth.	cum	2589.00
4	5.3.3	Providing and laying cement concrete 1:4:8 (1 cement : 4 coarse sand : 8 Hand broken stone aggregates 40 mm nominal size) and curing etc complete excluding cost of form work in (A) Foundation & Plinth.	cum	2297.00

Rate for 2012-13 Rs.	Rate for 2013-14 Rs.	Rate for 2014-15 Rs.	Rate for 2015-16 Rs.	Rate for 2016-17 Rs.
(6)	(7)	(8/)	(9)	(10)

129.00	143.00	143.00	210.00
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172.00	190.00	190.00	280.00
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193.00	213.00	213.00	313.00
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2155.00	2300.00	2300.00	1916.00
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1587.00	1690.00	1690.00	1656.00
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2959.00	3034.00	3034.00	2411.00
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2649.00	2734.00	2734.00	2162.00
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SR. NO.	Item No as per N.B.O	ITEM DESCRIPTION	UNIT	Rate for 2011-12 Rs.
(1)	(2)	(3)	(4)	(5)
5	5.3.14	Providing and laying cement concrete 1:3:6 (1 cement : 3 coarse sand : 6 crushed stone aggregates 20 mm nominal size) and curing etc complete including cost of form work in (A) Wall caps / copings.	cum	3322.00
6	5.3.4	Providing and laying cement concrete 1:5:10 (1 cement : 5 coarse sand : 10 hand broken stone aggregates 40 mm nominal size) and curing etc complete excluding cost of form work in (A) Foundation and plinth	cum	2063.00
7	5.3.2	Providing and laying cement concrete 1:3:6 (1 cement : 3 coarse sand : 6 brickbats) and curing etc complete excluding cost of form work in (A) Foundation and plinth	cum	2189.00
8	5.3.3	Providing and laying cement concrete 1:4:8 (1 cement : 4 coarse sand : 8 graded brick bats) and curing etc complete excluding cost of form work in (A) Foundation and plinth	cum	1896.00
9	5.3.8	Providing and laying cement concrete 1:5:10 (1 cement : 5 coarse sand : 10 graded brick aggregate 40 mm nominal size) and curing etc complete excluding cost of form work in (A) Foundation and plinth	cum	1669.00
10	5.3.13	Providing and laying cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) and curing etc complete excluding cost of form work in (A) Foundation and plinth	cum	3518.00
	5.3.13	(B) Independent pipes, columns and pillars upto floor two level.	cum	3519.00

Rate for 2012-13 Rs. (6)	Rate for 2013-14 Rs. (7)	Rate for 2014-15 Rs. (8/)	Rate for 2015-16 Rs. (9)	Rate for 2016-17 Rs. (10)
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3570.00	3671.00	3671.00	3109.00	
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2395.00	2487.00	2487.00	1963.00	
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2426.00	2462.00	2462.00	2094.00	
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2112.00	2157.00	2157.00	1875.00	
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1869.00	1923.00	1923.00	1704.00	
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3814.00	3865.00	3865.00	3153.00	
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3815.00	3867.00	3867.00	3153.00	
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SR. NO.	Item No as per N.B.O	ITEM DESCRIPTION	UNIT	Rate for 2011-12 Rs.
(1)	(2)	(3)	(4)	(5)
11	5.4.1	Providing and laying cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) and curing etc complete excluding cost of form work & reinforcement for reinforced concrete work in (A) Foundations, footings of columns and mass concrete.	cum	3606.00
		(B) Slabs, landings, shelves, balconies, lintels, beams, girders and cantilever upto floor two level.	cum	3533.00
		(D) Columns, pillars, posts & struts upto floor two level.	cum	3641.00
		(E) Staircases excluding landing upto floor two level.	cum	3850.00
		(F) Vertical and horizontal fins upto floor two level.	cum	3708.00
12	5.4.4	Providing and laying cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) for reinforced concrete chhajjas not exceeding 10 cm thickness upto floor two level including finishing the exposed surfaces with cement mortar 1:3 (1 cement : 3 fine sand) to give a smooth and even surface centering and form work and curing etc complete excluding cost of reinforcement.	cum	5907.00
13	5.4.10	Providing Mild steel reinforcement for R.C.C. work including bending, binding and placing in position complete up to floor two level.	kg.	45.30

Rate for 2012-13 Rs. (6)	Rate for 2013-14 Rs. (7)	Rate for 2014-15 Rs. (8/)	Rate for 2015-16 Rs. (9)	Rate for 2016-17 Rs. (10)
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3903.00	3963.00	3963.00	3295.00
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3938.00	4002.00	4002.00	3352.00
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3938.00	4002.00	4002.00	3352.00
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4167.00	4252.00	4252.00	3687.00
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4006.00	4076.00	4076.00	3487.00
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6576.00	6831.00	6831.00	5334.00
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50.80	49.20	49.20	39.72
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SR. NO.	Item No as per N.B.O	ITEM DESCRIPTION	UNIT	Rate for 2011-12 Rs.
(1)	(2)	(3)	(4)	(5)
14	5.4.11	Providing 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.	45.30
15	5.4.11 (A)	Providing Thermo Mechanically Treated Bars (TMT Bars) reinforcement for R.C.C. work including bending, binding and placing in position complete up to floor two level.	kg	48.00
15B	5.4.11 (A)	Providing T.M.T Fe 500 D bar reinforcement for R.C.C. work including bending, binding and placing in position complete up to floor two level.	kg	
16	5.4.13	Extra for additional lift of concrete for all per floor per R.C.C work above floor two level cum excluding cost of reinforcement.		36.00
17	5.4.13 A	Extra for additional lift of reinforcing steel per floor per for all R.C.C work above floor two level.	kg.	0.50
18	5.4.16	Deduct for omitting in R.C.C work smooth finishing of the exposed surface with cement mortar 1:3 (1 cement : 3 fine sand)	sqm	54.00
19	5.4.18	Providing throating or plaster drip and moulding to R.C.C chhajja.	m	12.70
20	5.6.2	Providing upto 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 1.60 mm diameter mild steel wire including roughening, cleaning fixing and finishing in cement mortar 1:3 and curing complete (A) 50 mm thick.	sqm	434.00
	5.6.2	(B) 40 mm thick.	sqm	397.00

Rate for 2012-13 Rs. (6)	Rate for 2013-14 Rs. (7)	Rate for 2014-15 Rs. (8/)	Rate for 2015-16 Rs. (9)	Rate for 2016-17 Rs. (10)
52.85	51.23	51.23	41.28	
57.00	55.40	55.40	44.39	
58.80	56.20	56.20	45.00	
39.00	40.00	40.00	33.38	
0.50	0.50	0.50	0.62	
64.00	67.00	67.00	85.00	
15.75	17.33	17.33	25.00	
460.00	483.00	483.00	425.00	
420.00	441.00	441.00	388.00	

SR. NO.	Item No as per N.B.O	ITEM DESCRIPTION	UNIT	Rate for 2011-12 Rs.
(1)	(2)	(3)	(4)	(5)
	5.6.2	(C) 25 mm thick.	sqm	379.00
	5.6.2	(D) 75 mm thick.	sqm	471.00
21	5.6.2	Providing upto 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 1.60 mm diameter mild steel wire including roughening, cleaning fixing and finishing in cement mortar 1:3 and curing complete (E) 100 mm thick.	sqm	498.00
22	5.6.9	Extra for additional lift for providing and per floor per fixing in position precast R.C.C units sqm above floor two level.		4.50
23	5.7.1	Providing and laying 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	sqm	172.00
24	5.7.5	Extra for providing and mixing water in litre or kg proofing material in cement concrete in mix per quintal of proportion recommended by the cement manufactures.		70.00
25	5.8.1	Providing and laying controlled cement concrete M-150 and curing complete excluding the cost of form work and reinforcement (A) Foundations, footings, base of columns and mass concrete.	cum	3870.00
	5.8.1	(B) Walls from top of foundation level upto floor two level.	cum	3963.00
	5.8.1	(C) Slabs, landings, shelves, balconies, lintels, beams, girders and cantilever upto floor two level.	cum	3956.00

Rate for 2012-13 Rs. (6)	Rate for 2013-14 Rs. (7)	Rate for 2014-15 Rs. (8/)	Rate for 2015-16 Rs. (9)	Rate for 2016-17 Rs. (10)
398.00	419.00	419.00	369.00	
499.00	523.00	523.00	460.00	
526.00	550.00	550.00	484.00	
4.80	5.10	5.10	6.30	
189.00	196.00	196.00	187.00	
94.00	94.00	94.00	57.44	
3996.00	4059.00	4059.00	3308.00	
4090.00	4162.00	4162.00	3462.00	
4083.00	4154.00	4154.00	3450.00	

SR. NO.	Item No as per N.B.O	ITEM DESCRIPTION	UNIT	Rate for 2011-12 Rs.
(1)	(2)	(3)	(4)	(5)
	5.8.1	(D) Columns, pillars, posts and struts upto floor two level.	cum	3994.00
	5.8.1	(E) Staircases upto floor two level.	cum	4235.00
	5.8.1	(K) Vertical and horizontal fins upto floor two level.	cum	4077.00
26	5.8.2	Providing and laying controlled cement concrete M-200 and curing complete excluding the cost of form work and reinforcement (A) Foundations, footings, base of columns and mass concrete.	cum	4301.00
	5.8.2	(B) Walls from top of foundation level upto floor two level.	cum	4394.00
	5.8.2	(C) Slabs, landings, shelves, balconies, lintels, beams, girders and cantilever upto floor two level.	cum	4415.00
	5.8.2	(D) Columns, pillars, posts and struts upto floor two level.	cum	4425.00
	5.8.2	(E) Staircases upto floor two level.	cum	4661.00
	5.8.2	(K) Vertical and horizontal fins upto floor two level.	cum	4448.00
27	5.8.3	Providing and laying controlled cement concrete M-250 and curing complete excluding the cost of form work and reinforcement (A) Foundations, footings, base of columns and mass concrete.	cum	5185.00
	5.8.3	(B) Walls from top of foundation level upto floor two level.	cum	5278.00

Rate for 2012-13 Rs. (6)	Rate for 2013-14 Rs. (7)	Rate for 2014-15 Rs. (8/)	Rate for 2015-16 Rs. (9)	Rate for 2016-17 Rs. (10)
4121.00	4197.00	4197.00	3513.00	
4382.00	4482.00	4482.00	3597.00	
4206.00	4289.00	4289.00	3836.00	
4427.00	4472.00	4472.00	3522.00	
4521.00	4575.00	4575.00	3818.00	
4544.00	4600.00	4600.00	3807.00	
4552.00	4610.00	4610.00	3869.00	
4791.00	4871.00	4871.00	3741.00	
4576.00	4636.00	4636.00	3944.00	
4625.00	4654.00	4654.00	3846.00	
4719.00	4758.00	4758.00	4000.00	

SR. NO.	Item No as per N.B.O	ITEM DESCRIPTION	UNIT	Rate for 2011-12 Rs.
(1)	(2)	(3)	(4)	(5)
	5.8.3	(C) Slabs, landings, shelves, balconies, lintels, beams, girders and cantilever upto floor two level.	cum	5271.00
	5.8.3	(D) Columns, pillars, posts and struts upto floor two level.	cum	5309.00
28	0.0	Providing and laying cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) and curing etc complete including cost of form work but excluding cost of reinforcement for reinforced concrete work in (I) Slabs upto 8 cm thickness	cum	5431.00
	0.0	(II) Slabs having more than 8 cm and upto 10 cm thickness.	cum	5073.00
	0.0	(III) Slabs having more than 10 cm and upto 13 cm thickness.	cum	4833.00
	0.0	(IV) Slabs having more than 13 cm and upto 15 cm thickness.	cum	4596.00
29	0.0	Providing and laying controlled cement concrete M-150 and finishing smooth with curing complete including the cost of form work but excluding the cost of reinforcement for R.C.C work in (I) Slab upto 8 cm thickness	cum	5746.00
	0.0	(II) Slab having more than 8 cm and upto 10 cm thickness.	cum	5388.00
	0.0	(III) Slab having more than 10 cm and upto 13 cm thickness.	cum	5149.00
	0.0	(IV) Slab having more than 13 cm and upto 15 cm thickness.	cum	4911.00

Rate for 2012-13 Rs. (6)	Rate for 2013-14 Rs. (7)	Rate for 2014-15 Rs. (8/)	Rate for 2015-16 Rs. (9)	Rate for 2016-17 Rs. (10)
4712.00	4750.00	4750.00	3988.00	
4750.00	4792.00	4792.00	4051.00	
6075.00	6327.00	6327.00	5568.00	
5648.00	5862.00	5862.00	5159.00	
5362.00	5551.00	5551.00	4885.00	
5078.00	5242.00	5242.00	4613.00	
6221.00	6479.00	6479.00	5702.00	
5793.00	6014.00	6014.00	5292.00	
5507.00	5704.00	5704.00	5020.00	
5224.00	5395.00	5395.00	4748.00	

SR. NO.	Item No as per N.B.O	ITEM DESCRIPTION	UNIT	Rate for 2011-12 Rs.
(1)	(2)	(3)	(4)	(5)
30	0.0	Providing and laying cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) exposed work with curing etc complete including cost of form work but excluding cost of reinforcement for reinforced concrete work in (I) Slabs upto 8 cm thickness	cum	6109.00
	0.0	(II) Slabs having more than 8 cm and upto 10 cm thickness.	cum	5616.00
	0.0	(III) Slabs having more than 10 cm and upto 13 cm thickness.	cum	5286.00
	0.0	(IV) Slabs having more than 13 cm and upto 15 cm thickness.	cum	4958.00
31	0.0	Providing and laying controlled cement concrete M-150 exposed work with curing complete including the cost of form work but excluding the cost of reinforcement for R.C.C work in (I) Slab upto 8 cm thickness	cum	6425.00
	0.0	(II) Slab having more than 8 cm and upto 10 cm thickness.	cum	5931.00
	0.0	(III) Slab having more than 10 cm and upto 13 cm thickness.	cum	5601.00
	0.0	(IV) Slab having more than 13 cm and upto 15 cm thickness.	cum	5273.00
32	0.0	Providing and laying cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) for R.C.C lintel including finishing smooth with curing etc complete including cost of form work but excluding the cost of reinforcement.	cum	5184.00

Rate for 2012-13 Rs.	Rate for 2013-14 Rs.	Rate for 2014-15 Rs.	Rate for 2015-16 Rs.	Rate for 2016-17 Rs.
(6)	(7)	(8/)	(9)	(10)

6814.00	7109.00	7109.00	6256.00
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6239.00	6488.00	6488.00	5709.00
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5854.00	6072.00	6072.00	5343.00
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5472.00	5660.00	5660.00	4981.00
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6959.00	7262.00	7262.00	6391.00
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6384.00	6640.00	6640.00	5843.00
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6000.00	6225.00	6225.00	5478.00
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5618.00	5813.00	5813.00	5115.00
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5732.00	5947.00	5947.00	5233.00
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SR. NO.	Item No as per N.B.O	ITEM DESCRIPTION	UNIT	Rate for 2011-12 Rs.
(1)	(2)	(3)	(4)	(5)
33	0.0	Providing and laying cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) and finishing smooth with curing etc complete including 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 Smt.	cum	5706.00
	0.0	(A) Beams.[II] Having cross sectional area more than 0.08 to 0.12 Smt.	cum	5293.00
	0.0	(A) Beams.[III] Having cross sectional area more than 0.12 to 0.18 Smt.	cum	4808.00
	0.0	(B) Columns [I] Having cross sectional area 0.05 to 0.08 Smt.	cum	6680.00
	0.0	(B) Columns [II] Having cross sectional area more than 0.08 and upto 0.12 Smt.	cum	6071.00
	0.0	(B) Columns [III] Having cross sectional area more than 0.12 and upto 0.18 Smt.	cum	5358.00
34	0.0	Providing and laying controlled cement concrete M-150 exposed work with curing complete including the cost of form work but excluding the cost of reinforcement for R.C.C work in (B) Beams [I] Having cross sectional area 0.05 to 0.08 Smt.	cum	7017.00
	0.0	(B) Beams [II] Having cross sectional area more than 0.08 and upto 0.12 Smt.	cum	6404.00
	0.0	(B) Beams [III] Having cross sectional area more than 0.12 and upto 0.18 Smt.	cum	5686.00
	0.0	(B) Columns; [I] Having cross sectional area 0.05 to 0.08 Smt.	cum	8028.00

Rate for 2012-13 Rs. (6)	Rate for 2013-14 Rs. (7)	Rate for 2014-15 Rs. (8/)	Rate for 2015-16 Rs. (9)	Rate for 2016-17 Rs. (10)
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6339.00	6604.00	6604.00	5812.00
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5858.00	6083.00	6083.00	5353.00
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5295.00	5473.00	5473.00	4816.00
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7640.00	8034.00	8034.00	7070.00
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6899.00	7227.00	7227.00	6360.00
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6030.00	6281.00	6281.00	5527.00
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7568.00	7905.00	7905.00	6956.00
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6870.00	7154.00	7154.00	6296.00
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6052.00	6274.00	6274.00	5521.00
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8907.00	9377.00	9377.00	8252.00
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SR. NO.	Item No as per N.B.O	ITEM DESCRIPTION	UNIT	Rate for 2011-12 Rs.
(1)	(2)	(3)	(4)	(5)
	0.0	(B) Columns; [II] Having cross sectional area more than 0.08 and upto 0.12 Smt.	cum	7221.00
	0.0	(B) Columns; [III] Having cross sectional area more than 0.12 and upto 0.18 Smt.	cum	6274.00
35	0.0	Providing and laying controlled cement concrete M-200 exposed work with curing 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 Smt.	cum	7476.00
	0.0	(A) Beams. [II] Having cross sectional area more than 0.08 and upto 0.12 Smt.	cum	6863.00
	0.0	(A) Beams. [III] Having cross sectional area more than 0.12 and upto 0.18 Smt.	cum	6145.00
	0.0	(B) Columns. [I] Having cross sectional area 0.05 to 0.08 Smt.	cum	8459.00
	0.0	(B) Columns. [II] Having cross sectional area more than 0.08 and upto 0.12 Smt.	cum	7652.00
	0.0	(B) Columns. [III] Having cross sectional area more than 0.12 and upto 0.18 Smt.	cum	6705.00
36	0.0	Providing and laying controlled cement concrete M-250 exposed work with curing 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 Smt.	cum	8332.00
	0.0	(A) Beams. [II] Having cross sectional area more than 0.08 and up to 0.12 Smt.	cum	7719.00

Rate for 2012-13 Rs.	Rate for 2013-14 Rs.	Rate for 2014-15 Rs.	Rate for 2015-16 Rs.	Rate for 2016-17 Rs.
(6)	(7)	(8/)	(9)	(10)

7949.00	8340.00	8340.00	7339.00
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6826.00	7125.00	7125.00	6270.00
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8029.00	8351.00	8351.00	7349.00
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7331.00	7600.00	7600.00	6688.00
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6514.00	6720.00	6720.00	5914.00
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9338.00	9790.00	9790.00	8615.00
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8380.00	8753.00	8753.00	7703.00
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7257.00	7537.00	7537.00	6633.00
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8196.00	8500.00	8500.00	7480.00
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7499.00	7749.00	7749.00	6819.00
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SR. NO.	Item No as per N.B.O	ITEM DESCRIPTION	UNIT	Rate for 2011-12 Rs.
(1)	(2)	(3)	(4)	(5)
	0.0	(A) Beams. [III] Having cross sectional area more than 0.12 and up to 0.18 Smt.	cum	7001.00
	0.0	(B) Columns. [I] Having cross sectional area 0.05 to 0.08 Smt.	cum	9343.00
	0.0	(B) Columns. [II] Having cross sectional area more than 0.08 and upto 0.12 Smt.	cum	8536.00
	0.0	(B) Columns. [III] Having cross sectional area more than 0.12 and upto 0.18 Smt.	cum	7589.00
		Providing and applying anticorrosive treatment with polymer base materials to the steel reinforcement including descaling the dust and applying the preventive coating of approved make (for the R.C.C. structures near coastal area only) etc complete.	M.T	-----

Rate for 2012-13 Rs. (6)	Rate for 2013-14 Rs. (7)	Rate for 2014-15 Rs. (8/)	Rate for 2015-16 Rs. (9)	Rate for 2016-17 Rs. (10)
6681.00	6870.00	6870.00	6046.00	
9536.00	9972.00	9972.00	8775.00	
8578.00	8935.00	8935.00	7863.00	
7455.00	7720.00	7720.00	6794.00	
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SR. NO.	Item No as per N.B.O	ITEM DESCRIPTION	UNIT	Rate for 2011-12 Rs.
(1)	(2)	(3)	(4)	(5)
37	0.0	Providing & laying in position Ready Mixed M-150 grade concrete for reinforced cement concrete work, using cement content as per approved design mix manufactured in fully automatic batching plant and transported to site of work in transit mixer for a lead up to 10 kms having continuous agitated mixer, manufactured as per mixed design of specified grade for reinforced cement concrete work including pumping of R.M.C from transit mixer to site of laying, excluding the cost of centering, shuttering, finishing and reinforcement including the cost of admixtures in recommended proportions as per I.S: 9103 to accelerate / retard setting of concrete, improve workability without impairing strength and durability as per direction of the Engineer - in - charge Without Fly Ash (Minimum cement level as per latest I.S: 456 shall be maintained) (Cement Level 320 kg per cum.)	cum	3471.00

Rate for 2012-13 Rs. (6)	Rate for 2013-14 Rs. (7)	Rate for 2014-15 Rs. (8/)	Rate for 2015-16 Rs. (9)	Rate for 2016-17 Rs. (10)
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3471.00

4197.00

4197.00

3376.00

SR. NO.	Item No as per N.B.O	ITEM DESCRIPTION	UNIT	Rate for 2011-12 Rs.
(1)	(2)	(3)	(4)	(5)
38	0.0	Providing & laying in position Ready Mixed M-200 grade concrete for reinforced cement concrete work, using cement content as per approved design mix manufactured in fully automatic batching plant and transported to site of work in transit mixer for a lead up to 10 kms having continuous agitated mixer, manufactured as per mixed design of specified grade for reinforced cement concrete work including pumping of R.M.C from transit mixer to site of laying, excluding the cost of centering, shuttering, finishing and reinforcement including the cost of admixtures in recommended proportions as per I.S: 9103 to accelerate / retard setting of concrete, improve workability without impairing strength and durability as per direction of the Engineer - in - charge Without Fly Ash (Minimum cement level as per latest I.S: 456 shall be maintained) (Cement Level 400 kg per cum.)	cum	3607.00

Rate for 2012-13 Rs. (6)	Rate for 2013-14 Rs. (7)	Rate for 2014-15 Rs. (8/)	Rate for 2015-16 Rs. (9)	Rate for 2016-17 Rs. (10)
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3607.00

4766.00

4332.00

SR. NO.	Item No as per N.B.O	ITEM DESCRIPTION	UNIT	Rate for 2011-12 Rs.
(1)	(2)	(3)	(4)	(5)
39	0.0	Providing & laying in position Ready Mixed M-250 grade concrete for reinforced cement concrete work, using cement content as per approved design mix manufactured in fully automatic batching plant and transported to site of work in transit mixer for a lead up to 10 kms having continuous agitated mixer, manufactured as per mixed design of specified grade for reinforced cement concrete work including pumping of R.M.C from transit mixer to site of laying, excluding the cost of centering, shuttering, finishing and reinforcement including the cost of admixtures in recommended proportions as per I.S: 9103 to accelerate / retard setting of concrete, improve workability without impairing strength and durability as per direction of the Engineer - in - charge Without Fly Ash (Minimum cement level as per latest I.S: 456 shall be maintained) (Cement Level 450 kg per cum.)	cum	3835.00

Rate for 2012-13 Rs. (6)	Rate for 2013-14 Rs. (7)	Rate for 2014-15 Rs. (8/)	Rate for 2015-16 Rs. (9)	Rate for 2016-17 Rs. (10)
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3835.00

4961.00

4961.00

4529.00

SR. NO.	Item No as per N.B.O	ITEM DESCRIPTION	UNIT	Rate for 2011-12 Rs.
(1)	(2)	(3)	(4)	(5)
40	0.0	Providing & laying in position Ready Mixed M-300 grade concrete for reinforced cement concrete work, using cement content as per approved design mix manufactured in fully automatic batching plant and transported to site of work in transit mixer for a lead up to 10 kms having continuous agitated mixer, manufactured as per mixed design of specified grade for reinforced cement concrete work including pumping of R.M.C from transit mixer to site of laying, excluding the cost of centering, shuttering, finishing and reinforcement including the cost of admixtures in recommended proportions as per I.S: 9103 to accelerate / retard setting of concrete, improve workability without impairing strength and durability as per direction of the Engineer - in - charge Without Fly Ash (Minimum cement level as per latest I.S: 456 shall be maintained) (Cement Level 475 kg per cum.)	cum	4062.00

Rate for 2012-13 Rs. (6)	Rate for 2013-14 Rs. (7)	Rate for 2014-15 Rs. (8/)	Rate for 2015-16 Rs. (9)	Rate for 2016-17 Rs. (10)
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4062.00

5123.00

5123.00

4679.00

SR. NO.	Item No as per N.B.O	ITEM DESCRIPTION	UNIT	Rate for 2011-12 Rs.
(1)	(2)	(3)	(4)	(5)
41	0.0	Providing & laying in position Ready Mixed M-350 grade concrete for reinforced cement concrete work, using cement content as per approved design mix manufactured in fully automatic batching plant and transported to site of work in transit mixer for a lead up to 10 kms having continuous agitated mixer, manufactured as per mixed design of specified grade for reinforced cement concrete work including pumping of R.M.C from transit mixer to site of laying, excluding the cost of centering, shuttering, finishing and reinforcement including the cost of admixtures in recommended proportions as per I.S: 9103 to accelerate / retard setting of concrete, improve workability without impairing strength and durability as per direction of the Engineer - in - charge Without Fly Ash (Minimum cement level as per latest I.S: 456 shall be maintained) (Cement Level 500 kg per cum.)	cum	-
42	0.0	Providing & laying Controlled cement concrete with fly ash as per IS by READY MIXED CONCRETE with lead of 10 km from plant site including all other taxes, octoi, transportation, cost of pumping pouring, curing of etc. complete excluding cost of form work and reinforcement for R.C.C. work as per approved concrete mix design.		
		(A) Concrete Grade M- 150	cum	2450.00
		(B) Concrete Grade M- 200	cum	2550.00
		(C) Concrete Grade M- 250	cum	2675.00
		(D) Concrete Grade M- 300	cum	2875.00

Rate for 2012-13 Rs. (6)	Rate for 2013-14 Rs. (7)	Rate for 2014-15 Rs. (8/)	Rate for 2015-16 Rs. (9)	Rate for 2016-17 Rs. (10)
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-	5285.00	5285.00	4829.00	
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3185.00	DELETED	DELETED	DELETED
3315.00	DELETED	DELETED	DELETED
3477.00	DELETED	DELETED	DELETED
3737.00	DELETED	DELETED	DELETED

SR. NO.	Item No as per N.B.O	ITEM DESCRIPTION	UNIT	Rate for 2011-12 Rs.
(1)	(2)	(3)	(4)	(5)
43	0.0	Carting charges for read Mix Concrete by transit mixer beyond beyond 10 Km lead Additional lead (Beyond 10 km)	Per Cum Per K.m	15.00
44	0.0	Providing and fixing in expansion joint 100 mm thick SIL FLEX (Capcell HD 100) expansion joint board of best quality and approved make including cutting to required size and shape at all levels etc. complete as directed.	sqm	-
45	0.0	Providing and laying and fixing 50 mm thick expansion joint by hydro cell semi rigid UV resistance with high performance laminated closed cell polythene foam joint filler in sheet foam as directed, etc. complete.	sqm	-
46	0.0	Providing and fixing CAPCELL HD - 100 pre-moulded compressible filler board in black colour confirming to MoRT&H Specifications (Clause 1015), having minimum density 95kg/cum.metre, non-staining with less than 1% water absorption & compression recovery of 93% minimum as per specification for 40 mm wide expansion joint including cutting to required size and shape at all levels etc. complete as directed.	sqm	
47	0.0	Providing and laying and fixing 25 mm thick expansion joint by hydro cell semi rigid UV resistance with high performance laminated closed cell polythene foam joint filler in sheet foam as directed, etc. complete.	sqm	-

Rate for 2012-13 Rs. (6)	Rate for 2013-14 Rs. (7)	Rate for 2014-15 Rs. (8/)	Rate for 2015-16 Rs. (9)	Rate for 2016-17 Rs. (10)
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20.00	20.00	20.00	18.00	
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3450.00	3232.00	3232.00	3485.00	
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1725.00	1709.00	1709.00	1742.00	
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	1404.00	1404.00	1388.00	
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863.00	948.00	948.00	871.00	
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SR. NO.	Item No as per N.B.O	ITEM DESCRIPTION	UNIT	Rate for 2011-12 Rs.
(1)	(2)	(3)	(4)	(5)
48	0.0	Providing and fixing CAPCELL HD - 100 pre-moulded compressible filler board in black colour confirming to MoRT&H Specifications (Clause 1015), having minimum density 95kg/cum.metre, non-staining with less than 1% water absorption & compression recovery of 93% minimum as per specification for 20 mm wide expansion joint including cutting to required size and shape at all levels etc. complete as directed.	sqm	
49	0.0	Providing and fixing CAPCELL HD - 100 pre-moulded compressible filler board in black colour confirming to MoRT&H Specifications (Clause 1015), having minimum density 95kg/cum.metre, non-staining with less than 1% water absorption & compression recovery of 93% minimum as per specification for 12 mm wide expansion joint including cutting to required size and shape at all levels etc. complete as directed.	sqm	
50	0.0	Applying and providing Expansion joint sealing System on 100 mm wide joint including cleaning of expansion joint by mechanical means provision of adhesive and flexible membrane with required bond length as per manufacturer specification and 4mm thick aluminium strip covering with one side slotted and bolted with suitable system, inclusive of all manpower, machinery and material as per specification and as directed.	sqm	-

Rate for 2012-13 Rs. (6)	Rate for 2013-14 Rs. (7)	Rate for 2014-15 Rs. (8/)	Rate for 2015-16 Rs. (9)	Rate for 2016-17 Rs. (10)
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795.00 795.00 771.00

551.00 551.00 524.00

5520.00 5520.00 5520.00 5575.00

SR. NO.	Item No as per N.B.O	ITEM DESCRIPTION	UNIT	Rate for 2011-12 Rs.
(1)	(2)	(3)	(4)	(5)
51	0.0	Providing and filling the expansion joint by Thioflex 600 polymer or equivalent confirm to BS 4254-1983 as per required shade and manufactured specification by making groove of 50 mm x 12.5 mm lather by cutting or by repairing groove and removing mortar drop or any other foreign materials including applying primer and filling required size (oversize of joint PU foam etc. complete.	Rmt	-
52	0.0	Providing and filling the expansion joint by Thioflex 600 polymer or equivalent confirm to BS 4254-1983 as per required shade and manufactured specification by making groove of 25 mm x 12.5 mm lather by cutting or by repairing groove and removing mortar	Rmt	-
53	0.0	Providing and applying the elastomeric joint sealant two component, high performance polysulfide formulation conforming to BS:4254 and ASTM C 920 having weathering resistance to ultra-violet rays and shall exhibit shore A hardness of 25 and have movement accommodation factor 25% including using of compatible primer of approved standard etc. complete. For 20 mm thick joint	Rmt	
54	0.0	Providing and applying the elastomeric joint sealant two component, high performance polysulfide formulation conforming to BS:4254 and ASTM C 920 having weathering resistance to ultra-violet rays and shall exhibit shore A hardness of 25 and have movement accommodation factor 25% including using of compatible primer of approved standard etc. complete. for 12 mm thick joint	Rmt	

Rate for 2012-13 Rs. (6)	Rate for 2013-14 Rs. (7)	Rate for 2014-15 Rs. (8/)	Rate for 2015-16 Rs. (9)	Rate for 2016-17 Rs. (10)
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716.00

716.00

716.00

602.00

380.00

380.00

380.00

320.00

245.00

245.00

238.00

157.00

157.00

156.00

SR. NO.	Item No as per N.B.O	ITEM DESCRIPTION	UNIT	Rate for 2011-12 Rs.
(1)	(2)	(3)	(4)	(5)

55	0.0	Providing and fixing 25 cm Wide & 3mm thick exterior composite panel on existing expansion joint horizontally & vertically with all material, hardware, accessories & fittings etc completed.	Sqm	-
56	0.0	Providing and applying anti carbonation, anti fading , mold resistant, heat insulating and 100 % acrylic breathable decorative external waterproof coating of approved shade having Viscosity @ room temperature by Ford Cup No. B-4 (dilute 2 parts of product with 1 part of water) 18 to 30 second pH of 7.00 to Ph 10.00 and Specific gravity @ room temperature 1.30+0.1, tested for carbon dioxide diffusion resistance properties for coating materials and coating systems for exterior masonry and concrete as per DIN EN 1062-6 (2002-2010) by a NBA Grade "A" accredited institution.	sqm	

CHAPTER : 6 : BRICK WORK

1	6.12	Brick work using common burnt clay building bricks having crushing strength not less than 35kg/Sqcm. in foundation and plinth. In cement mortar 1:5 (1 cement : 5 fine sand) (A) Modular	cum	2780.00
	6.12	(1 cement : 5 fine sand) (B) Conventional	cum	2609.00
2	6.13	Brick work using common burnt clay building bricks having crushing strength not less than 35kg/Sqcm. in foundation and plinth. In cement mortar 1:6 (1 cement : 6 fine sand) (A) Modular	cum	2706.00
	6.13	(B) Conventional	cum	2524.00

Rate for 2012-13 Rs.	Rate for 2013-14 Rs.	Rate for 2014-15 Rs.	Rate for 2015-16 Rs.	Rate for 2016-17 Rs.
(6)	(7)	(8/)	(9)	(10)

1433.00	1433.00	1433.00	1232.00
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	110.00	110.00	6992.00
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3524.00	3686.00	3686.00	2859.00
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3268.00	3419.00	3419.00	2623.00
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3445.00	3609.00	3609.00	2747.00
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3178.00	3331.00	3331.00	2529.00
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SR. NO.	Item No as per N.B.O	ITEM DESCRIPTION	UNIT	Rate for 2011-12 Rs.
(1)	(2)	(3)	(4)	(5)
3	0.0	Brick work using common burnt clay building bricks having crushing strength not less than 35kg/Sqcm. in foundation. In cement mortar 1:8 (1 cement : 8 fine sand) (A) Modular	cum	2681.00
	0.0	(B) Conventional	cum	2442.00
4	0.0	Brick work using common burnt clay building bricks having crushing strength not less than 35kg/Sqcm. in foundation in lime mortar 1:1.5 (1 lime putty : 1.5 fine sand) (A) Modular	cum	2639.00
	0.0	(B) Conventional	cum	2446.00
5	0.0	Brick work using common burnt clay building bricks having crushing strength not less than 35kg/Sqcm. in foundation in lime mortar 1:2 (1 lime putty : 2 fine sand) (A) Modular	cum	2601.00
	0.0	(B) Conventional	cum	2403.00
6	6.19	Extra for brickwork in superstructure above per floor per plinth level upto floor two level. (A) Modular	cum	80.00
	6.19	(B) Conventional	per floor per cum	84.00
	0.0	Extra for brickwork in superstructure above per floor per plinth level upto floor two level using fly ash bricks.	cum	84.00
7	6.20	Extra for brickwork in superstructure above per floor per floor two level. (A) Modular Item No 6.12	cum	27.80

Rate for 2012-13 Rs.	Rate for 2013-14 Rs.	Rate for 2014-15 Rs.	Rate for 2015-16 Rs.	Rate for 2016-17 Rs.
(6)	(7)	(8/)	(9)	(10)

3421.00	3588.00	3588.00	2698.00
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3089.00	3246.00	3246.00	2502.00
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3355.00	3535.00	3535.00	2684.00
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3075.00	3246.00	3246.00	2486.00
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3320.00	3500.00	3500.00	2662.00
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3036.00	3207.00	3207.00	2461.00
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99.00	109.00	109.00	159.00
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104.00	114.00	114.00	165.00
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104.00	114.00	114.00	165.00
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35.20	36.90	36.90	33.35
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SR. NO.	Item No as per N.B.O	ITEM DESCRIPTION	UNIT	Rate for 2011-12 Rs.
(1)	(2)	(3)	(4)	(5)
	6.20	(B) Conventional Item No 6.12	per floor per cum	26.00
	6.20	Extra for brickwork in superstructure above floor two level. (A) Modular Item No 6.13	per floor per cum	27.00
	6.20	(B) Conventional Item No 6.13	per floor per cum	25.00
	0.0	Extra for brickwork in superstructure above floor two level using flyash bricks in cement mortar 1:6 (6.12 C)	per floor per cum	26.00
	6.20	Extra for brickwork in superstructure above floor two level. 3(A) Modular Item No 0.0	per floor per cum	26.70
	6.20	3(B) Conventional Item No 0.0	per floor per cum	24.40
	0.0	3(C)Extra for brickwork in superstructure above floor two level using flyash bricks in cement mortar 1:8	per floor per cum	25.00
	6.20	Extra for brickwork in superstructure above floor two level. 4(A) Modular Item No 0.0	per floor per cum	20.00
	6.20	4(B) Conventional Item No 0.0	per floor per cum	23.90
	6.20	Extra for brickwork in superstructure above floor two level. 5(A) Modular Item No 0.0	per floor per cum	25.60
	6.20	5(B) Conventional Item No 0.0	per floor per cum	23.50

Rate for 2012-13 Rs. (6)	Rate for 2013-14 Rs. (7)	Rate for 2014-15 Rs. (8/)	Rate for 2015-16 Rs. (9)	Rate for 2016-17 Rs. (10)
32.70	34.20	34.20	26.21	
34.40	36.10	36.10	32.71	
31.80	33.30	33.30	30.44	
37.30	37.70	37.70	34.19	
33.70	35.30	35.30	32.09	
30.90	32.50	32.50	29.77	
36.40	36.90	36.90	33.52	
20.00	20.00	20.00	31.92	
30.20	31.90	31.90	29.57	
32.80	34.60	34.60	31.67	
29.90	31.60	31.60	26.21	

SR. NO.	Item No as per N.B.O	ITEM DESCRIPTION	UNIT	Rate for 2011-12 Rs.
(1)	(2)	(3)	(4)	(5)
8	6.30 I	Half brick masonry in common burnt clay-building bricks having crushing strength not less than 35kg/cm ² in cement mortar 1:4 (1 cement : 4 coarse sand) (A) Modular	sqm	343.00
	6.30 I	Half brick masonry in common burnt clay-building bricks having crushing strength not less than 35kg/cm ² in cement mortar 1:4 (1 cement : 4 coarse sand) (B) Conventional	sqm	351.00
	0.0	Half brick masonry in fly ash bricks having crushing strength not less than 35kg/cm ² in cement mortar 1:4 (1 cement : 4 coarse sand) (B) Conventional	sqm	358.00
	6.30 II	Half brick masonry in common burnt clay-building bricks having crushing strength not less than 35kg/cm ² in cement mortar 1:5 (1 cement : 5 coarse sand) (A) Modular	sqm	332.00
	6.30 II	Half brick masonry in common burnt clay-building bricks having crushing strength not less than 35kg/cm ² in cement mortar 1:5 (1 cement : 5 coarse sand) (B) Conventional	sqm	339.00
	0.0	Half brick masonry in fly ash bricks having crushing strength not less than 35kg/cm ² in cement mortar 1:5 (1 cement : 5 coarse sand) (B) Conventional	sqm	348.00
	6.30 III	Half brick masonry in common burnt clay-building bricks having crushing strength not less than 35kg/cm ² in lime mortar 1:1.5 (1 lime : 1.5 coarse sand) (A) Modular	sqm	310.00

Rate for 2012-13 Rs. (6)	Rate for 2013-14 Rs. (7)	Rate for 2014-15 Rs. (8/)	Rate for 2015-16 Rs. (9)	Rate for 2016-17 Rs. (10)
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432.00	453.00	453.00	365.00
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438.00	459.00	459.00	370.00
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503.00	512.00	512.00	408.00
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421.00	442.00	442.00	357.00
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425.00	447.00	447.00	362.00
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438.00	460.00	460.00	400.00
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401.00	424.00	424.00	343.00
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SR. NO.	Item No as per N.B.O	ITEM DESCRIPTION	UNIT	Rate for 2011-12 Rs.
(1)	(2)	(3)	(4)	(5)
	6.30 III	Half brick masonry in common burnt clay-building bricks having crushing strength not less than 35kg/cm ² in lime mortar 1:1.5 (1 lime : 1.5 coarse sand) (B) Conventional	sqm	314.00
9	6.31	Half brick masonry in common burnt clay-building bricks having crushing strength not less than 35kg/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 course embedded in cement mortar in foundation and plinth. (A) Modular	sqm	405.00
	6.31	(A) Conventional	sqm	416.00
10	6.32	Extra for half brick masonry in superstructure above plinth two level. (A) Modular.	sqm	14.00
	6.32	Extra for half brick masonry in superstructure above plinth two level. (B) Conventional.	sqm	16.00
	0.0	Extra for half brick masonry in superstructure above plinth two level using fly ash bricks.	sqm	15.90
11	6.33	Extra for half brick masonry in superstructure above floor two level. (A) Modular	sqm	3.40
	6.33	Extra for half brick masonry in superstructure above floor two level. (B) Conventional	sqm	3.50
	0.0	Extra for half brick masonry in superstructure above floor two level using fly ash bricks in cement mortar 1:4.	sqm	3.50

Rate for 2012-13 Rs. (6)	Rate for 2013-14 Rs. (7)	Rate for 2014-15 Rs. (8/)	Rate for 2015-16 Rs. (9)	Rate for 2016-17 Rs. (10)
403.00	427.00	427.00	346.00	
498.00	516.00	516.00	404.00	
506.00	525.00	525.00	411.00	
18.20	20.00	20.00	29.00	
19.80	21.80	21.80	32.00	
19.80	21.80	21.80	32.00	
4.30	4.50	4.50	4.34	
4.40	4.60	4.60	4.41	
5.00	5.10	5.10	4.86	

SR. NO.	Item No as per N.B.O	ITEM DESCRIPTION	UNIT	Rate for 2011-12 Rs.
(1)	(2)	(3)	(4)	(5)
12	6.55	Half brick thick Honey-comb brick work with common burnt clay building bricks having crushing strength not less than 35 Kg/Sqcm. (I) In cement mortar 1:4 (1 cement : 4 coarse sand)	sqm	191.00
	6.55	Half brick thick Honey-comb brick work with common burnt clay building bricks having crushing strength not less than 35 Kg/Sqcm. (II) In cement mortar 1:5 (1 cement : 5 coarse sand)	sqm	184.00
13	0.0	Brick work using fly ash bricks having crushing strength not less than 35kg/Sqcm. in foundation and plinth. In cement mortar 1:5 (1 cement : 5 fine sand)	cum	2680.00
14	0.0	Brick work using fly ash bricks having crushing strength not less than 35kg/Sqcm. in foundation and plinth. In cement mortar 1:6 (1 cement : 6 fine sand)	cum	2596.00
15	0.0	Brick work using fly ash bricks having crushing strength not less than 35kg/Sqcm. in foundation and plinth. In cement mortar 1:8 (1 cement : 8 fine sand)	cum	2514.00
16	0.00	Half brick masonry in fly ash bricks having crushing strength not less than 35kg/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 course embedded in cement mortar in foundation and plinth.	sqm	456.00
17	0.00	Half brick thick Honey-comb brick work with fly ash bricks having crushing strength not less than 35 Kg/Sqcm. (I) In cement mortar 1:4 (1 cement : 4 coarse sand)	sqm	196.00

Rate for 2012-13 Rs. (6)	Rate for 2013-14 Rs. (7)	Rate for 2014-15 Rs. (8/)	Rate for 2015-16 Rs. (9)	Rate for 2016-17 Rs. (10)
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239.00	250.00	250.00	194.00
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232.00	243.00	243.00	189.00
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3819.00	3860.00	3860.00	2938.00
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3729.00	3772.00	3772.00	2874.00
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3640.00	3686.00	3686.00	2818.00
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572.00	578.00	578.00	449.00
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277.00	280.00	280.00	235.00
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SR. NO.	Item No as per N.B.O	ITEM DESCRIPTION	UNIT	Rate for 2011-12 Rs.
(1)	(2)	(3)	(4)	(5)
18	6.55	Half brick thick Honey-comb brick work with fly ash bricks having crushing strength not less than 35 Kg/Sqcm. (II) In cement mortar 1:5 (1 cement : 5 coarse sand)	sqm	189.00
19	0.0	Masonry work using Aerated light weight concrete block having crushing strength not less than 35 kg/sqcm for super structure above plinth level upto floor two level in cement mortar 1:5 (1 cement : 5 fine sand) complete as per Technical Specification.	cum	-

CHAPTER : 7 : STONE MASONRY

1	7.6	Uncoursed rubble masonry with hard stone of approved quality in foundations and plinth in cement mortar 1:6 (1 cement : 6 coarse sand) including leveling up etc complete.	cum	2571.00
	7.6	Uncoursed rubble masonry with hard stone of approved quality in foundations and plinth in cement mortar 1:5 (1 cement : 5 coarse sand) including leveling up etc complete.	cum	2687.00
	7.6	Uncoursed rubble masonry with hard stone of approved quality in foundations and plinth in lime mortar 1:1.5 (1 lime : 1.5 coarse sand) including leveling up etc complete.	cum	2464.00
2	7.8	Extra over item 7.6 for superstructure above plinth upto floor two level.	cum	110.00
3	7.9	Extra for additional lift in superstructure above floor two level.	cum	25.00

Rate for 2012-13 Rs. (6)	Rate for 2013-14 Rs. (7)	Rate for 2014-15 Rs. (8/)	Rate for 2015-16 Rs. (9)	Rate for 2016-17 Rs. (10)
269.90	273.30	273.30	211.00	
-	5111.00	5111.00	4709.00	
2671.00	2810.00	2810.00	2294.00	
2796.00	2931.00	2931.00	2399.00	
2530.00	2693.00	2693.00	2175.00	
136.00	150.00	150.00	220.00	
26.70	28.10	28.10	22.94	

SR. NO.	Item No as per N.B.O	ITEM DESCRIPTION	UNIT	Rate for 2011-12 Rs.
(1)	(2)	(3)	(4)	(5)
4	7.17(A)	Course rubble masonry with hard stone of approved quality in foundations and plinth in foundation and plinth in cement mortar 1:6 (1 cement : 6 coarse sand) etc. complete.	cum	2866.00
	7.17(B)	Course rubble masonry with hard stone of approved quality in foundations and plinth in foundation and plinth in cement mortar 1:5 (1 cement : 5 coarse sand) etc. complete.	cum	2971.00
	7.17(C)	Course rubble masonry with hard stone of approved quality in foundations and plinth in foundation and plinth in cement mortar 1:4 (1 cement : 4 coarse sand) etc. complete.	cum	3095.00
	7.17(D)	Course rubble masonry with hard stone of approved quality in foundations and plinth in foundation and plinth in cement mortar 1:3 (1 cement : 3 coarse sand) etc. complete.	cum	3322.00
5	7.19	Extra over item No 7.17 for superstructure above floor two level.	cum	103.00
6	7.20	Extra for additional lift in superstructure per floor per above floor two level.	cum	33.00
7	0.0	White stone bela masonry block in course in superstructure with stone of approved quality in lime mortar 1:1.5 (1 lime putty : 1.5 fine sand) including racking the joints etc. complete.	cum	4524.00
8	0.0	White stone bela masonry work in partition walls upto 15cm thickness in cement mortar 1:4 (1 cement : 4 coarse sand)	sqm	528.00

Rate for 2012-13 Rs. (6)	Rate for 2013-14 Rs. (7)	Rate for 2014-15 Rs. (8/)	Rate for 2015-16 Rs. (9)	Rate for 2016-17 Rs. (10)
3014.00	3192.00	3192.00	2328.00	
3127.00	3301.00	3301.00	2407.00	
3259.00	3429.00	3429.00	2495.00	
3503.00	3666.00	3666.00	2658.00	
128.00	141.00	141.00	206.00	
35.00	36.70	36.70	26.35	
4533.00	5228.00	5228.00	3819.00	
531.00	615.00	615.00	504.00	

SR. NO.	Item No as per N.B.O	ITEM DESCRIPTION	UNIT	Rate for 2011-12 Rs.
(1)	(2)	(3)	(4)	(5)
9	0.0	White stone bela masonry block in course in superstructure with stone of approved quality in cement mortar 1:5 (1 cement : 5 coarse sand) including racking out the joints etc. complete.	cum	4690.00
10	0.0	White stone bela masonry block in course in superstructure with stone of approved quality in cement mortar 1:6 (1 cement : 6 coarse sand) including racking out the joints etc. complete.	cum	4623.00
11	7.75	Precast concrete block masonry (including quoin blocks, jamb blocks, closer etc.) with solid concrete block of approved size made of cement concrete 1:3:6 mix (1 cement : 3 coarse sand : 6 graded stone aggregates of 20 mm and down gauge) in foundation and plinth in cement mortar 1:6	cum	2742.00
12	7.93	Extra for masonry work with precast concrete block in superstructure above plinth upto floor two level.	cum	83.00
13	7.82	Precast concrete block masonry in partition walls 10 cm thick with concrete block of approved size (including quoin blocks, jamb blocks, closer etc.) made of cement concrete 1:3:6 mix (1 cement : 3 coarse sand : 6 graded stone aggregates of 20 mm and down gauge) (A) in cement mortar 1:4	sqm	528.00
		Providing and laying hollow block masonry 90 mm thick using hollow concrete blocks IS 2185 (Part-I) grade B (5.0) with Cement Mortar 1:4 laying in perfect line level and plinth preparing grading the joints incl. the cost of scaffolding and curing etc. (A) Block masonry in 1:1:8 cement lime mortar	sqm	-----

Rate for 2012-13 Rs. (6)	Rate for 2013-14 Rs. (7)	Rate for 2014-15 Rs. (8/)	Rate for 2015-16 Rs. (9)	Rate for 2016-17 Rs. (10)
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4701.00	5379.00	5379.00	3876.00	
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4627.00	5307.00	5307.00	3820.00	
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2773.00	2845.00	2845.00	2495.00	
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103.00	113.00	113.00	165.00	
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533.00	545.00	545.00	469.00	
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SR. NO.	Item No as per N.B.O	ITEM DESCRIPTION	UNIT	Rate for 2011-12 Rs.
(1)	(2)	(3)	(4)	(5)

Providing and laying hollow block masonry 140 mm thick using follow blocks masonry IS 2185 (Part-I) grade B (5.0) with Cement Mortar 1:4 laying in perfect line level and plint propering groding the jaints ind. the cast of seaffolding and quiring etc. (A) Block masonry in 1:1:8 cement lime mortar

sqm

Providing and laying hollow block masonry 190 mm thick using follow blocks masonry IS 2185 (Part-I) grade B (5.0) with Cement Mortar 1:4 laying in perfect line level and plint propering groding the jaints ind. the cast of seaffolding and quiring etc. (A) Block masonry in 1:1:8 cement lime mortar

sqm

CHAPTER : 9 : FORM WORK

1	9.1	Providing formwork of ordinary timber planking so as to give a rough finish including centering, shuttering and propping etc. height of propping and centering below supporting floor to ceiling not exceeding 4.00 mt and removal of the same for in situ reinforced concrete and plain concrete work in (A) Foundations, footings, bases of columns etc. and mass concrete.	sqm	112.00
	9.1	(B) Flat surfaces such as soffits of slabs, landings and like. (1) Floors etc upto 200 mm thickness.	sqm	161.00
	9.1	(B) Flat surfaces such as soffits of slabs, landings and like. (2) Floors etc above 200 mm thickness.	sqm	174.00

Rate for 2012-13 Rs. (6)	Rate for 2013-14 Rs. (7)	Rate for 2014-15 Rs. (8/)	Rate for 2015-16 Rs. (9)	Rate for 2016-17 Rs. (10)
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117.00	127.00	127.00	109.00	
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171.00	186.00	186.00	160.00	
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185.00	200.00	200.00	172.00	
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SR. NO.	Item No as per N.B.O	ITEM DESCRIPTION	UNIT	Rate for 2011-12 Rs.
(1)	(2)	(3)	(4)	(5)
	9.1	(C) Vertical faces such as walls (any thickness) partitions.	sqm	145.00
	9.1	(G) Columns, pillars, posts and struts (1) Square, rectangular, polygonal in plan	sqm	187.00
	9.1	(G) Columns, pillars, posts and struts (2) Circular or curved in plan.	sqm	240.00
	9.1	(H) (1) Sides and soffits of beam, haunchings, cantilevers, girders, bracings and lintels not exceeding 1.0 mt in depth.	sqm	126.00
	9.1	(H) (2) Sides and soffits of beam, haunchings, cantilevers, girders, bracings and lintels exceeding 1.0 mt in depth.	sqm	164.00
	9.1	(I) Edges of slabs and brackets in floors and walls.	sqm	42.00
	9.1	(K) Small surfaces such as cantilevers ends, brackets and ends of steps, caps and bases to pillars and columns & the like.	sqm	377.00
	9.1	(L) Chullah hoods, weather shades, chhajjas, corbels, etc. including edges.	sqm	101.00
	9.1	(M) Staircases with slopping or stepped soffits including risers & strings excluding landing.	sqm	152.00
	9.1	(N) Vertical fins and vertical sun breakers.	sqm	229.00
2	9.2	Extra for additional height of propping and centering where the height of propping and centering exceeds 4.0 mt. Between supporting floor two ceiling including temporary brick or stone pillars for supporting as required. (I) Height more than 4.0 mt & upto 5.0 mt.	sqm	191.00

Rate for 2012-13 Rs. (6)	Rate for 2013-14 Rs. (7)	Rate for 2014-15 Rs. (8/)	Rate for 2015-16 Rs. (9)	Rate for 2016-17 Rs. (10)
156.00	170.00	170.00	146.00	
202.00	220.00	220.00	189.00	
287.00	312.00	312.00	268.00	
131.00	142.00	142.00	122.00	
176.00	192.00	192.00	165.00	
46.00	50.00	50.00	43.00	
408.00	446.00	446.00	384.00	
106.00	115.00	115.00	99.00	
164.90	179.60	179.60	154.00	
258.00	282.00	282.00	243.00	
206.00	225.00	225.00	259.00	

SR. NO.	Item No as per N.B.O	ITEM DESCRIPTION	UNIT	Rate for 2011-12 Rs.
(1)	(2)	(3)	(4)	(5)
	9.2	(II) Height more than 5.0 mt & upto 6.0 mt.	sqm	364.00
	9.2	(III) Height more than 6.0 mt & upto 7.1 mt.	sqm	518.00
3	9.7	Extra for providing form work with sheeting of steel sheets so as to give a fair finish in (A) Foundation, footings, bases of columns etc and mass concrete.	sqm	54.00
	9.7	(B) Flat surface such as soffits of slabs, landings and the like. (1) Floor etc upto 200 mm in thickness	sqm	54.30
	9.7	(B) Flat surface such as soffits of slabs, landings and the like. (2) Floor etc above 200 mm in thickness	sqm	54.30
	9.7	(C) Vertical surface such as walls (any thickness), partitions.	sqm	54.30
	9.7	(G) Columns, pillars posts and struts. (1) Square, rectangular, polygonal in plan.	sqm	54.30
	9.7	(G) Columns, pillars posts and struts. (2) Circular or curved in plan.	sqm	54.30
	9.7	(H) (1) Sides and soffits of beams, beam haunchings, cantilever, girders' bracings, lintels not exceeding to 1.0 mt in depth.	sqm	54.30
	9.7	(H) (2) Sides and soffits of beams, beam haunchings, cantilever, girders' bracings, lintels exceeding to 1.0 mt in depth.	sqm	54.30
	9.7	(I) Edges of slabs and brackets in floors and walls.	sqm	54.30

Rate for 2012-13 Rs.	Rate for 2013-14 Rs.	Rate for 2014-15 Rs.	Rate for 2015-16 Rs.	Rate for 2016-17 Rs.
(6)	(7)	(8/)	(9)	(10)

411.00	441.00	441.00	504.00
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606.00	645.00	645.00	555.00
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62.00	66.00	66.00	67.00
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59.10	62.60	62.60	67.00
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59.10	62.60	62.60	67.00
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59.10	62.60	62.60	67.00
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59.10	62.60	62.60	67.00
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59.10	62.60	62.60	67.00
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59.10	62.60	62.60	67.00
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59.10	62.60	62.60	67.00
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59.10	62.60	62.60	67.00
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SR. NO.	Item No as per N.B.O	ITEM DESCRIPTION	UNIT	Rate for 2011-12 Rs.
(1)	(2)	(3)	(4)	(5)
	9.7	(K) Small surfaces such as cantilever ends, brackets and ends of steps, caps and bases to pillars and columns including edges.	sqm	54.30
	9.7	(L) Chullah hoods, weathers shades, chhajjas, corbels etc. and the like.	sqm	54.30
	9.7	(M) Staircases with slopping or stepped soffits including risers and stringers excluding landing.	sqm	54.30
	9.7	(Q) Vertical fins and vertical sun breakers.	sqm	54.30

CHAPTER : 10 : WOOD WORK AND JOINERY

1	10.1	Providing wood work in frames of doors windows clearstory windows & other similar works, wrought framed and fixed in position (A) Indian teak wood.	10 Cu Dm	715.00
2	10.4	Providing wood work in trusses, purlins, rafters, posts, post plates, wall plates and the like wrought, framed hoisted & fixed in position (A) Indian teak wood.	10 Cu Dm	852.00
3	10.5	Providing wood work in frames of false ceiling, partitions etc. and put up in position (A) Indian teak wood.	10 Cu Dm	689.00
4	10.12	Providing and fixing 35 mm thick shutters for doors and windows & clearstory windows including anodised aluminium butt hinges with necessary screws. (A) Indian teak wood (I) Fully panelled.	sqm	2831.00
	10.12	(A) Indian teak wood (II) Fully glazed.	sqm	2130.00
	10.12	(A) Indian teak wood (III) Partly panelled & partly glazed.	sqm	2480.00

Rate for 2012-13 Rs. (6)	Rate for 2013-14 Rs. (7)	Rate for 2014-15 Rs. (8/)	Rate for 2015-16 Rs. (9)	Rate for 2016-17 Rs. (10)
59.10	62.60	62.60	67.00	
59.10	62.60	62.60	67.00	
59.10	62.60	62.60	67.00	
59.10	62.60	62.60	67.00	
839.00	911.00	911.00	783.00	
976.00	1063.00	1063.00	914.00	
812.00	881.00	881.00	758.00	
3302.00	3574.00	3574.00	3074.00	
2450.00	2636.00	2636.00	2267.00	
2876.00	3105.00	3105.00	2670.00	

SR. NO.	Item No as per N.B.O	ITEM DESCRIPTION	UNIT	Rate for 2011-12 Rs.
(1)	(2)	(3)	(4)	(5)
5	10.13	Providing and fixing 35 mm thick shutters for doors and windows & clearstory windows including black enamelled butt hinges with necessary screws. (A) Indian teak wood (I) Fully panalled.	sqm	2761.00
	10.13	(A) Indian teak wood (II) Fully glazed.	sqm	2060.00
	10.13	(A) Indian teak wood (III) Partly panalled & partly glazed.	sqm	2410.00
6	10.15	Providing and fixing 25 mm thick shutters for cupboards including anodised alluminium butt hinges with necessary screws. (A) Indian teak wood (I) Fully panalled.	sqm	2143.00
	10.15	(A) Indian teak wood (II) Fully glazed.	sqm	1710.00
	10.15	(A) Indian teak wood (III) Partly panalled & partly glazed.	sqm	1927.00
7	10.16	Providing and fixing 25 mm thick shutters for cupboards including black enamelled M.S butt hinges with necessary screws. (A) Indian teak wood (I) Fully panalled.	sqm	2132.00
	10.16	(A) Indian teak wood (II) Fully glazed.	sqm	1700.00
	10.16	(A) Indian teak wood (III) Partly panalled & partly glazed.	sqm	1916.00
8	0.0	Add extra for providing & fixing 40 mm thick shutters instead of 35 mm thick shutters.	sqm	216.00

Rate for 2012-13 Rs. (6)	Rate for 2013-14 Rs. (7)	Rate for 2014-15 Rs. (8/)	Rate for 2015-16 Rs. (9)	Rate for 2016-17 Rs. (10)
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3230.00	3497.00	3497.00	3007.00
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2377.00	2559.00	2559.00	2201.00
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2804.00	3028.00	3028.00	2604.00
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2489.00	2698.00	2698.00	2320.00
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1960.00	2109.00	2109.00	1814.00
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2225.00	2403.00	2403.00	2067.00
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2479.00	2686.00	2686.00	2310.00
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1949.00	2097.00	2097.00	1803.00
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1916.00	2203.40	2203.40	1895.00
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259.00	281.00	281.00	242.00
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SR. NO.	Item No as per N.B.O	ITEM DESCRIPTION	UNIT	Rate for 2011-12 Rs.
(1)	(2)	(3)	(4)	(5)
9	10.23	Providing and fixing 35 mm thick shutters for doors and windows & clearstory windows including anodised alluminium butt hinges with necessary screws. (A) Indian teak wood (A) Plywood sheet pannels.	sqm	2404.00
	10.23	(A) Indian teak wood (B) Particle board panels.	sqm	2374.00
	10.23	(A) Indian teak wood (C) Hard board panels.	sqm	2352.00
	10.23	(A) Indian teak wood (D) Asbestos sheet panels.	sqm	2361.00
10	10.24	Providing and fixing 35 mm thick shutters for doors and windows & clearstory windows including black enamelled M.S butt hinges with necessary screws. (A) Indian teak wood (A) Plywood sheet panels.	sqm	2337.00
	10.24	(A) Indian teak wood (B) Particle board panels.	sqm	2307.00
	10.24	(A) Indian teak wood (C) Hard board panels.	sqm	2285.00
	10.24	(A) Indian teak wood (D) Asbestos sheet panels.	sqm	2294.00

Rate for 2012-13 Rs. (6)	Rate for 2013-14 Rs. (7)	Rate for 2014-15 Rs. (8/)	Rate for 2015-16 Rs. (9)	Rate for 2016-17 Rs. (10)
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2772.00	2989.00	2989.00	2571.00
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2741.00	2959.00	2959.00	2545.00
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2718.00	2933.00	2933.00	2522.00
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2727.00	DELETED	DELETED	DELETED
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2702.00	2916.00	2916.00	2508.00
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2671.00	2885.00	2885.00	2481.00
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2648.00	2859.00	2859.00	2459.00
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2658.00	DELETED	DELETED	DELETED
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SR. NO.	Item No as per N.B.O	ITEM DESCRIPTION	UNIT	Rate for 2011-12 Rs.
(1)	(2)	(3)	(4)	(5)
11	10.30	Providing and fixing flush door shutters solid core construction with frame of first class hard wood with cross band and face veneer or plywood face panels including anodized alluminium butt hinges with necessary screws, (B) Non-decorative type & block board core anodized alluminium butt hinges in flush door shutters 35 mm. thick	sqm	1861.00
12	10.37	Extra for using bright finished M.S piano hinges of (A) Nickel plated piano hinges.	sqm	649.00
13	10.39	Extra for providing vision panel not exceeding 0.10 Smt in all type of flush area doord (A) Rectangular or square.	sqm of door	7.00
14	10.51	Providing and fixing 30 mm. thick wire gauge shutters using galvanised M.S. wire of I.S gauge designation 85 G. with wire of 0.56 mm. dia. for doors, windows and clearstory windows including anodised alluminium butt hinges with necessary screws. (A) Indian teakwood.	sqm	1798.00
15	10.53	Providing and fixing 30 mm. thick wire gauge shutters using galvanised M.S. wire of I.S gauge designation 85 G. with wire of 0.56 mm. dia. for doors, windows and clearstory windows including bright finished or/and black enamelled M.S. butt hinges with necessary screws mango wood or equivalent quality.	sqm	990.00
16	10.54	Extra for providing & fixing galvanised M.S wire guage of I.S guage designation 140 G to doors windows & clearstory windows with wire of diameter 0.71 mm instead of I.S guage designation 85 G with wire of diameter 0.56 mm.	sqm	38.00

Rate for 2012-13 Rs. (6)	Rate for 2013-14 Rs. (7)	Rate for 2014-15 Rs. (8/)	Rate for 2015-16 Rs. (9)	Rate for 2016-17 Rs. (10)
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1958.00	1972.00	1972.00	1696.00	
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677.00	691.00	691.00	594.00	
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9.00	10.00	10.00	15.30	
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2057.00	2215.00	2215.00	1905.00	
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1133.00	1148.00	1148.00	987.00	
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40.00	40.00	40.00	34.12	
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SR. NO.	Item No as per N.B.O	ITEM DESCRIPTION	UNIT	Rate for 2011-12 Rs.
(1)	(2)	(3)	(4)	(5)
17	10.74	Providing and fixing 12 mm thick & 100 mm wide pelmet of flat pressed 3 layer veneered particle board solid core with 25 mm diameter alluminium curtain rod and brackets including fixing with 25 mm x 3 mm M.S flat 10 cm long & plugs etc. complete.	m	146.00
18	10.84	Providing and fixing 40 mm panelled, glazed or panelled & glazed partitions fixed to frames with iron screws etc. complete with Indian teak wood (frames to be paid separately.)	sqm	2294.00
19	10.85	Providing and fixing decorative plywood 4 mm thick in partition including fixing in frames with screws etc. complete with 50 mm x 12 mm teakwood beading. (frames to be paid separately.)	sqm	625.00
20	10.86	Providing and fixing plain asbestos cement sheet 6 mm thick in partitions including fixing to frames with screws etc. complete with 50 mm x 12 mm deodar wood beading (Frames to be paid separately)	sqm	389.00
21	10.88	Providing and fixing in partitions 4 mm thick medium hard board of approved quality including fixing to frames with screws etc. complete with 50 mm x 12 mm teak wood beading. (Frames to be paid separately)	sqm	337.00
22	10.96	25 mm. thick wooden shelves supported on 40 x 40 x 6 mm. T or L iron brackets fixed at suitable distances but not exceeding 75 cm. apart with mango wood or equivalent quality.	sqm	1342.00

Rate for 2012-13 Rs. (6)	Rate for 2013-14 Rs. (7)	Rate for 2014-15 Rs. (8/)	Rate for 2015-16 Rs. (9)	Rate for 2016-17 Rs. (10)
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157.00	170.00	170.00	146.00
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2657.00	2882.00	2882.00	2479.00
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665.00	706.00	706.00	607.00
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406.00	DELETED	DELETED	DELETED
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352.00	381.00	381.00	328.00
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1574.00	1581.00	1581.00	1360.00
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SR. NO.	Item No as per N.B.O	ITEM DESCRIPTION	UNIT	Rate for 2011-12 Rs.
(1)	(2)	(3)	(4)	(5)
23	10.97	40 mm. thick wooden shelves supported on 40 x 40 x 6 mm. T or L iron brackets fixed at suitable distances but not exceeding 75 cm apart with mango wood or equivalent quality.	sqm	1779.00
24	10.99	Providing and fixing M.S round or square bars with flats at required spacings in wooden frames of windows & clearstory windows.	kg	49.00
25	10.100	Providing & fixing M.S. grills of required pattern to wooden frames of windows etc. with M.S. flats at required spacing & frame around, square or round bars with round headed bolts & nuts or by screws(A)Plain grill.	kg	68.00
	10.100	(B)Ornamental grill.	kg	94.00
26	10.102	Providing and fixing hard drawn steel wire not fabric 75 mm x 25 mm mesh of weight less than 7.75 Kg per Smt to window frames etc. including 60 mm x 20 mm beading of Indian teakwood.	sqm	651.00
27	10.103	Providing and fixing fly proof galvanised M.S. wire gauge of I.S. gauges designation 85 G. with wire of dia. 0.56 mm. to windows and clearstory windows including 60 x 20 mm. beading of Indian teak wood.	sqm	562.00
28	10.120	Providing and fixing first class Indian teak wood 75 mm x 60 mm moulded hand rails in straight lengths complete.	m	502.00

Rate for 2012-13 Rs. (6)	Rate for 2013-14 Rs. (7)	Rate for 2014-15 Rs. (8/)	Rate for 2015-16 Rs. (9)	Rate for 2016-17 Rs. (10)
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2098.00	2105.00	2105.00	1810.00
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54.00	52.00	52.00	45.00
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73.00	74.00	74.00	64.00
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102.00	106.00	106.00	91.00
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751.00	784.00	784.00	674.00
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625.00	658.00	658.00	566.00
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599.00	649.00	649.00	558.00
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SR. NO.	Item No as per N.B.O	ITEM DESCRIPTION	UNIT	Rate for 2011-12 Rs.
(1)	(2)	(3)	(4)	(5)
29	0.0	(I) Providing & fixing glazed louvered glass windows and ventilator with teak wood frame 10 cm x 7 cm size including two coats of oil painting to wood work etc. complete.	sqm	3341.00
	0.0	(II) Providing & fixing glazed louvered glass windows and ventilator with teak wood frame 10 cm x 7 cm size including two coats of oil painting to wood work etc. complete with wooden louvers plank 12 mm thick.	sqm	3749.00
30	0.0	Providing and fixing 35mm th. shutters for doors, windows & clear storey windows including Indian teak wood frames 10 cm x 7 cm size including anodised aluminium fixtures & fastening including primer coat of approved quality and two coats of oil paint etc. complete. (I) Fully glazed.	sqm	3735.00
	0.0	(II) Fully panalled.	sqm	4436.00
	0.0	(III) Partly panalled & partly glazed.	sqm	4085.00
31	0.0	Providing and fixing 35mm th. shutters for doors, windows & clear storey windows including Indian teak wood frames 10 cm x 7 cm size including black enamelled iron oxidised fixtures & fastening including primer coat of approved quality and two coats of oil paint etc. complete. (I) Fully glazed.	sqm	3550.00
	0.0	(II) Fully panalled.	sqm	4251.00
	0.0	(III) Partly panalled & partly glazed.	sqm	3900.00

Rate for 2012-13 Rs. (6)	Rate for 2013-14 Rs. (7)	Rate for 2014-15 Rs. (8/)	Rate for 2015-16 Rs. (9)	Rate for 2016-17 Rs. (10)
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3826.00	4087.00	4087.00	3515.00
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4232.00	4530.00	4530.00	3896.00
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4275.00	4592.00	4592.00	3949.00
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5127.00	5530.00	5530.00	4756.00
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4701.00	5061.00	5061.00	4352.00
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4087.00	4400.00	4400.00	3784.00
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4940.00	5338.00	5338.00	4591.00
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4514.00	4869.00	4869.00	4187.00
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SR. NO.	Item No as per N.B.O	ITEM DESCRIPTION	UNIT	Rate for 2011-12 Rs.
(1)	(2)	(3)	(4)	(5)
32	0.0	Providing and fixing 35mm th. shutters for doors, windows & clear storey windows including Indian teak wood frames 12 cm x 7 cm size including anodised alluminium fixtures & fastening including primer coat of approved quality and two coats of oil paint etc. complete. (I) Fully glazed.	sqm	3965.00
	0.0	(II) Fully panalled.	sqm	4666.00
	0.0	(III) Partly panalled & partly glazed.	sqm	4315.00
33	0.0	Providing and fixing 35mm th. shutters for doors, windows & clear storey windows including Indian teak wood frames 12 cm x 7 cm size including black enamelled iron oxidised fixtures & fastening including primer coat of approved quality and two coats of oil paint etc. complete. (I) Fully glazed.	sqm	3780.00
	0.0	(II) Fully panalled.	sqm	4481.00
	0.0	(III) Partly panalled & partly glazed.	sqm	4130.00
34	0.0	Add extra for providing and fixing 40 mm thick shutters instead of 35 mm thick shutters including oil painting etc. complete.	sqm	205.00
35	0.0	Deduct for providing and fixing 25 mm thick shutters instead of 35 mm thick shutters including oil painting etc. complete.	sqm	403.00

Rate for 2012-13 Rs. (6)	Rate for 2013-14 Rs. (7)	Rate for 2014-15 Rs. (8/)	Rate for 2015-16 Rs. (9)	Rate for 2016-17 Rs. (10)
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4544.00	4885.00	4885.00	4201.00
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5396.00	5823.00	5823.00	5008.00
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4970.00	5354.00	5354.00	4604.00
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4356.00	4693.00	4693.00	4036.00
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5209.00	5631.00	5631.00	4843.00
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4783.00	5162.00	5162.00	4439.00
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225.00	225.00	225.00	194.00
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440.00	440.00	440.00	378.00
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SR. NO.	Item No as per N.B.O	ITEM DESCRIPTION	UNIT	Rate for 2011-12 Rs.
(1)	(2)	(3)	(4)	(5)
36	0.0	Providing and fixing 30mm thick FACTORY MADE SOLID PANEL PVC DOOR SHUTTER consisting of frame made out of M.S. tubes of 19 gauge thickness and size of 19mm x 19mm for stiles and 15mm x 15 mm for top and bottom rails. M.S. frame shall have a coat of steel primers of approved make and manufacture, M.S. frame shall be covered with 5 mm thick heat moulded PVC 'C' channel of size 30 x 50 mm forming stiles, and 5mm thick 75mm wide PVC sheets for top rail, lock rail and bottom rail on either side, and 10mm (5mm x 2) thick, 20mm wide cross PVC sheet as gap insert for top rail and bottom rail, Panelling of 5 stiles and rails with 30mm wide x 5mm thick PVC sheet beading on either side, and joined together with solvent cement adhesive,. An additional 5mm thick PVC strip of 20mm width is to be stulk on the interior side of the 'c' channel using PVC solvent cement adhesive etc. complete as per direction of Engineer in charge, manufacture's specification and drawing.	sqm	1897.58

Rate for 2012-13 Rs. (6)	Rate for 2013-14 Rs. (7)	Rate for 2014-15 Rs. (8/)	Rate for 2015-16 Rs. (9)	Rate for 2016-17 Rs. (10)
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1897.58

1897.58

1897.58

1632.00

SR. NO.	Item No as per N.B.O	ITEM DESCRIPTION	UNIT	Rate for 2011-12 Rs.
(1)	(2)	(3)	(4)	(5)
37	0.0	<p>FACTORY MADE SOLID BOTH SIDE PRELAM PANEL PVC DOOR SHUTTER consisting of frame made out of M.S. tubes of 19 gauge thickness and size of 19mm x 19mm for stiles, top and bottom rails. M.S. frame shall have a coat of steel primer of approved make and manufactures. M.S frame covered with 5mm thick heat moulded prelam PVC 'C' channel of size 30mm thickness, 70 mm width of which 50mm shall be flat and 20mm shall be tapered in 45 degree Angle on either side forming stiles, and 5mm thick, 95mm wide prelam PVC sheet out of which 75mm shall be flat and 20mm shall be tapered in 45 degree on the inner side to form top and bottom rail and 115mm wide prelam PVC sheet out of which 75mm shall be flat and 20mm shall be tapered on both side to form lock rail, Top, bottom and lock rails shall be provided either side of the panel. 10mm (5mm x 2) thick 20mm wide cross PVC sheet shall be provided as gap insert for top rail and bottom rails. Panelling of 5mm thick both side prelam PVC sheet to be fitted and nos. with the M.S. frame welded, sealed to the stiles and rails with 7mm (5mm + 2 mm) thick x 15mm wide PVC sheet beading on inner side, and joined together with solvent cement adhesive. An additional 5mm thick PVC strip of 20mm width is to be stuck on the interior side of the 'C' channel using PVC solvent adhesive etc. complete as per direction of Engineering in charge, manufacture's specification and drawing.</p>	sqm	2574.13

Rate for 2012-13 Rs. (6)	Rate for 2013-14 Rs. (7)	Rate for 2014-15 Rs. (8/)	Rate for 2015-16 Rs. (9)	Rate for 2016-17 Rs. (10)
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2574.13

2574.13

2574.13

2214.00

SR. NO.	Item No as per N.B.O	ITEM DESCRIPTION	UNIT	Rate for 2011-12 Rs.
(1)	(2)	(3)	(4)	(5)
38	0.0	<p>Providing and fixing 30mm thick FACTORY MADE SOLID SINGLE SIDE PRELAM PANEL PVC DOOR SHUTTER consisting of frame made out of M.S. tubes of 19 gauge thickness and size of 19mm x 19mm for stiles, and 15mm x 15mm for top and bottom rails. The M.s. frame shall have coat of steel primers of approved make and manufacture. The M.S. frame shall be covered with 5mm thick heat moulded single side prelam PVC 'C' channel of size 30 x 50mm to form stiles and 5mm thick and 75mm wide single side prelam PVC sheets shall be for the top, bottom and lock rails. Paneling of 5mm thick one side prelam sheet to be fitted in the M.S. frame and sealed to the front (Prelam side) stiles and rails (which should have a 5mm 45 degree bent portion as beading) and attached to the back (white/ivory) stiles and rails (which should have a 10mm 90 degree bent portion as beading) using 2 nos. 15mm wide x 5mm thick PVC sheet beading inside the 9 degree bent beading. All stiles, rails and beading to be joined to the panel using of 20mm width is to be struck on the interior side of the 'C' channel using PVC solvent adhesive and 10mm thick (5mm x 20) thick 20mm width cross PVC sheet to be fitted as gap insert for top and bottom rails, etc. complete as per direction of Engineer in charge, manufacture's specification and drawing.</p>	sqm	2329.57

Rate for 2012-13 Rs. (6)	Rate for 2013-14 Rs. (7)	Rate for 2014-15 Rs. (8/)	Rate for 2015-16 Rs. (9)	Rate for 2016-17 Rs. (10)
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2329.57

2329.57

2329.57

2003.00

SR. NO.	Item No as per N.B.O	ITEM DESCRIPTION	UNIT	Rate for 2011-12 Rs.
(1)	(2)	(3)	(4)	(5)
39	0.0	<p>Providing and fixing 30mm thick FACTOR MADE FULLY GLAZED SOLID PVC DOOR SHUTTER consisting of frame made out of M.S. tube of 19mm gauge thickness and size of 19mm x 19mm for stiles and 15mm x 15mm for top, lock and bottom rails M.S. frame shall have a coat of steel primer of approved make and manufacture, M.s. frame shall be covered with 5mm thick heat moulded PVC 'C' channel of size 75mm x 30mm x 50mm out of which 10mm shall be bent at 90 degree towards inner side on front face of the door forming stiles. For top rail and bottom rail, M.S. frame shall be covered with 5mm thick, 100mm wide PVC sheet out of which 10mm shall be bent of 90 degree towards inner side on front face of the door. M.S. frame at lock rail shall be covered with 125 mm wide PVC sheet out of which 10mm on both the edges shall be bent at 90 degree on front face of the door and 75mm wide PVC sheet shall cover the M.S. frame at top, lock and bottom rail on side of door, 5mm thick 20mm wide cross PVC sheet as gap insert for top and bottom rail. PVC and 15mm thick (5mm x 30, 15mm wide to be stuck, internally with solvent cement adhesive in stiles and rails. Glass panel will be fitted externally in the clear space available between the stiles and rails and fixed between PVC sheet of stiles and rails bent at 90 degree on front face and 15mm x 10mm 'L' shape outer beading nailed on stiles and rails at the back side. So that the 'L' shape PVC beading can be removed when required for replacement of broken glass etc. complete as per direction of Engineer in charge and manufacture's specification.</p>	sqm	2340.86

Rate for 2012-13 Rs. (6)	Rate for 2013-14 Rs. (7)	Rate for 2014-15 Rs. (8/)	Rate for 2015-16 Rs. (9)	Rate for 2016-17 Rs. (10)
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2340.86

2340.86

2340.86

2013.00

SR. NO.	Item No as per N.B.O	ITEM DESCRIPTION	UNIT	Rate for 2011-12 Rs.
(1)	(2)	(3)	(4)	(5)
40	0.0	<p>Providing and fixing 30mm thick factory made wire guazed solid PVC Door shutter consisting of frame made out of M.S. tubes of 19 gauge thickness and size of 19mm x 19mm for stiles and 15mm x 15mm for top, lock and bottm rails, M.S. frame shall have a coat of steel primers of approved make and manufacture, 19mm x 19mm M.S. square tubes shall be coveed with 5mm thick head moulded PVC 'C' channel of size 30mm thickness, 90mm width out of which 75mm shall be flat and 15 mm shall be bent in 90 degree angle on either side forming stiles and 5mm thick 115mm wide PVC sheet out of which 100mm shal be flat and 15mm shal be betn in 90 degree on the inner side to from top and bottom rails and 130mm wide PVC sheet out of which 100mm shal be flat and 15mm shal be bent in 90 degree on both side to from lock rail 10mm (5mm x 2) thick, 20mm wide cross PVC sheet as gap insert for top rail and bottom rail, panel will be of G.I. wire gauge of 24 gauge to be fitted in by 'C' channel of size 10mm x 35mm on the either side in the stadded in case of Ready 19mm x 19mm M.S. tube on both side with screws. The wire mesh in top, bottom and lock rail is sealed with 15mm x 15mm tube with G.I.wire, 1mm (5mmm x 2) thick PVC strip of 25mm width is to be stuck and screw on both side of G.I. wire guage interior at the top, bottom and lock rails. An additional 5mm thck PVC strip of 20mm width is to be stuck on the interior side of the 'C' channel using PVC solvent cement adhesive etc. complete as per direction of Engineer in charge, manufacture's specification and drawing.</p>	sqm	2288.82

Rate for 2012-13 Rs. (6)	Rate for 2013-14 Rs. (7)	Rate for 2014-15 Rs. (8/)	Rate for 2015-16 Rs. (9)	Rate for 2016-17 Rs. (10)
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2288.82

2288.82

2288.82

1968.00

SR. NO.	Item No as per N.B.O	ITEM DESCRIPTION	UNIT	Rate for 2011-12 Rs.
(1)	(2)	(3)	(4)	(5)
41	0.0	Providing and fixing 35mm thick factory made moulded door shutter consisting of solid core single leaf flush door of 30mm thickness, lipped with 15mm (5mm x 3) thick x 30mm width on one stiles and top rail and 10mm (5mm x 2) thick x 30mm width on the other stiles and bottom rails. The inner panel laminated with 2mm thick termite proof, water proof and fire resistant moulded PVC sheet with 2,4,6 raised panel design in different plain and /or prelim colours on one side after routing the moulded design on flush door and 2mm plain and/or prelim PVC sheet on other side using rubber adhesive on flush door and solvent cement adhesive on the PVC liping etc. complete as per direction of Engineer in charge, manufacture's specification and drawing.	sqm	2478.39

Rate for 2012-13 Rs. (6)	Rate for 2013-14 Rs. (7)	Rate for 2014-15 Rs. (8/)	Rate for 2015-16 Rs. (9)	Rate for 2016-17 Rs. (10)
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2478.39

2478.39

2478.39

2131.00

SR. NO.	Item No as per N.B.O	ITEM DESCRIPTION	UNIT	Rate for 2011-12 Rs.
(1)	(2)	(3)	(4)	(5)
42	0.0	Providing and fixing 30mm thick factory made moulded door shutter wood free consisting of frame made out of M.S. tubes of 19 gauge thickness and size of 25mm x 25mm for stiles, top and bottom rails, M.S. frame shall have a coat of steel primers. The inner panel shall consist of 25mm thick High Density EPS conforming to IS 4671-1984 bonded with 2mm thick termite proof, water proof and fire resistant moulded PVC sheet with 2,4,6 raised panel design in different plain and /or prelim colours after routing the moulded design on one side and 2mm plain and/or prelim PVC sheet on other side of the EPS. The edges of panel to be sealed with lipping of 10mm wide PVC sheet batton (made by sticking 2 PVC rigid foam sheets of 5mm thickness using PVC solvent cement) and stiles 25mm (5mm x 5) thick and 30mm width PVC sheet fitted along M.S. tube for lock provision and for lock height 5mm thick PVC sheet of size 150mm x 100mm fixed with upper and lower face of inner side of EPS panel etc. complete as per direction of Engineer added in case of Ready Mix specification and drawing.	sqm	2279.41

Rate for 2012-13 Rs. (6)	Rate for 2013-14 Rs. (7)	Rate for 2014-15 Rs. (8/)	Rate for 2015-16 Rs. (9)	Rate for 2016-17 Rs. (10)
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2279.41

2279.41

2279.41

1960.00

SR. NO.	Item No as per N.B.O	ITEM DESCRIPTION	UNIT	Rate for 2011-12 Rs.
(1)	(2)	(3)	(4)	(5)
43	0.0	Providing and fixing factory made polyvinyl chloride (PVC) door frame of the size 50 x 47 mm with a wall thickness of 5mm, made out of extruded 5mm rigid PVC foam sheet, mitre out of two corners and joined with 2nos. of 150mm long brackets of 15 x 15mm M.s. Square tubes. The two vertical door profiles are to be reinforced with 19 x 19 mm m.s. square tube of 19 gauge, EPDM rubber gasket weather seal to be provided through out the frame. The door frame shall be fixed to the wall using 65/100 mm long M.S. screws through the frame by using PVC fasteners. A minimum of 4 nos. of screws to be provided for each vertical members and minimum 2 nos. for horizontal members etc. complete as per manufacturer's specification and direction of Engineer in charge.	sqm	297.18

Rate for 2012-13 Rs. (6)	Rate for 2013-14 Rs. (7)	Rate for 2014-15 Rs. (8/)	Rate for 2015-16 Rs. (9)	Rate for 2016-17 Rs. (10)
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297.18

297.18

297.18

256.00

SR. NO.	Item No as per N.B.O	ITEM DESCRIPTION	UNIT	Rate for 2011-12 Rs.
(1)	(2)	(3)	(4)	(5)
44	0.0	<p>Providing and fixing of fully glazed solid PVC panel PVC door along with solid PVC door frame. 30mm thick FACTORY MADE FULLY GLAZED SOLID PVC DOOR SHUTTER consisting of frame made out of M.S. tube of 19 gauge thickness and size of 19mm x 19mm for style and 15mm x 15mm for top, lock and bottom rail. M.S. frame shall have a coat of steel primer of approved make and manufacture. M.S. frame shall be covered with 5 mm thick heat moulded PVC 'C' channel of size 75mm x 30mm x 50mm out of which 10mm shall be bent at 90 degree towards inner side on front face of the door. M.S. frame at lock rail shall be covered with 125 mm wide PVC sheet out of which 0mm on both the edges shall be bent at 90 degree on front face of the door and 7mm wide PVC sheet shall cover the M.S. frame at top, lock and bottom rail on back side of door, 5 mm thick 20mm wide cross PVC sheet as gap insert for top and bottom rail. PVC sheet beading of 15mm thick (5mm x3) 15mm wide to be stuck internally with solvent cement adhesive in stiles and rails. Glass panel will be fitted externally in the clear space available between the stiles and rails and fixed between PVC sheet of stiles and rails bent at 90 degree on front face and 15mm x 10mm 'L shape outer beading nailed on stiles and rails at the back side. So tha the 'L' shape PVC beading can be removed when required for replacement of broken glass etc. complete as per direction of Engineer in charge and manufacture's specification</p>	sqm	2863.71

Rate for 2012-13 Rs. (6)	Rate for 2013-14 Rs. (7)	Rate for 2014-15 Rs. (8/)	Rate for 2015-16 Rs. (9)	Rate for 2016-17 Rs. (10)
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2863.71

2863.71

2863.71

2463.00

SR. NO.	Item No as per N.B.O	ITEM DESCRIPTION	UNIT	Rate for 2011-12 Rs.
(1)	(2)	(3)	(4)	(5)
45	0.0	<p>Providing and fixing complete sliding shutter solid PVC window 25mm thick factory made glazed solid PVC window shutter consisting of frame made out of M.S. tube of 19 gauge of size 15 x 15mm for styles top, bottom rail. M.S. frame shall have a coat of steel primer of approved make and manufacture, M.S. frame shall be covered with 4mm thick heat moulded PVC 'C' channel of size 58mm x 25mm x 38 mm out of which 8mm shall be bent at 90 degree towards inner side on front face of the window shutter forming stiles. For top rail and bottom rails, M>S. frame shall be covered with 4mm thick, 58mm wide PVC sheet out of which 8mm shall be bent at 90 degree towards inner side on front face and 38mm wide PVC sheet shall cover the M.S. frame at top and bottom rail on back side of window shutter, 4mm thick 15mm wide cross PVC sheet as gap insert for top and bottom rail. PVC sheet beading of 8mm thick (4mm x 2) to be stuck internally with solvent cement adhesive in top and bottom rails. Glass panel will be fitted externally in and nos. with minimum spacing of 300 mm rails and fixed between PVC sheet of stiles and rails bent at 90 degree on front face 12mm x 123mm 'L' shape outer PVC beading nailed on stiles and rails at the back side so that 'L' shape outer PVC beading can be removed when required for replacement of broken glass etc. complete as per direction of etc. complete as per direction of Engineer in charge and manufacture's specification.</p>	sqm	3371.36

Rate for 2012-13 Rs. (6)	Rate for 2013-14 Rs. (7)	Rate for 2014-15 Rs. (8/)	Rate for 2015-16 Rs. (9)	Rate for 2016-17 Rs. (10)
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3371.36

3371.36

3371.36

2899.00

SR. NO.	Item No as per N.B.O	ITEM DESCRIPTION	UNIT	Rate for 2011-12 Rs.
(1)	(2)	(3)	(4)	(5)
46	0.0	Providing and fixing FRP FRAME size 125 x 65 mm and 36mm thick FRP shutter with wood grain raised panel design finish shutter having extra reinforcement on sides and edges and in Gel coat finish. The core of the shutter is to be filled up with injected fire retardant grade polyurethane foam done in situ along with embedded wooden pieces for stiffening and also for taking hinges and fixtures. The whole FRP frame and shutter is to be water proof, weather proof, termite proof and resistance to mld acid/Alkali, Rates are to be inclusive of S.S. hinges with necessary screws and alluminium fixtures and fastening. Product should have 3 years performance guarantee and complete have ISO 9001-2000 certification.	sqm	3978.00
47	0.0	Providing and fixing FRP FRAME size 100 x 50mm and 28mm thick FRP Degree panel shutter having extra reinforcement on sides and edges and in Gel coat finish. The core of the shutter is to be filled up with injectd fire retardant grade polyurethane foam done in situ along with embedded wooden pices for stiffening and also for taking hinges and fixtures. The whole FRP frame and shutter is to be water proof, weather proof, termite proof and resistance to mild acid/Alkali, Rates are to be inclusive of S.S. hinges with necessary screws and alluminium fixtures and fastening product should have 3 years performance guarantee and company have ISO 9001-2000 certificate.	sqm	3343.00

Rate for 2012-13 Rs. (6)	Rate for 2013-14 Rs. (7)	Rate for 2014-15 Rs. (8/)	Rate for 2015-16 Rs. (9)	Rate for 2016-17 Rs. (10)
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4455.00

4455.00

4455.00

3831.00

3817.00

3817.00

3817.00

3283.00

SR. NO.	Item No as per N.B.O	ITEM DESCRIPTION	UNIT	Rate for 2011-12 Rs.
(1)	(2)	(3)	(4)	(5)
48	0.0	Providing and fixing FRP FRAME size 125 x 65mm and 35mm thick FRP shutter with wood grain raised panel design finish shutter having extra reinforcement on sides and edges and in polish finish. The core of the shutter is to be filled up with injected fire extinguishing grade polyurethane foam done in situ along with embedded wooden pieces for stiffening and also for taking hinges and fixtures. The whole FRP frame and shutter is to be water proof, weather proof, termite proof and resistance to mild acid/Alkali. Rates are to be inclusive of S.S. hinges with necessary scews and brass fixtures and fastening. Product should have 3 years performance guarantee and company have ISO 9001-2000 certificate.	sqm	4437.00
49	0.0	Providing and fixing of 28mm thick fiber glass shutter with 1.5 to 2.0 mm. thick fire exting guishing grade FRP skin in depressed panel design having extra reinforcement on sides and edges and in Gel coat finish. The core of the shutter is to be filled up with injectd fire extinguishing grade polyurethane foam done in situe alongwith embedded wooden pieces for stiffening and also for taking hinges and fixtures. The whole shutter is to be water proof, weather proof, termite proof and resistance to mild acid/Alkali. Rates are to be inclusive of SS hinges with necessary screws and alluminium fixtures and fastening. Product should have 3 years performance guarantee and company have ISO 9001-2000 certificate.	sqm	2340.00

Rate for 2012-13 Rs. (6)	Rate for 2013-14 Rs. (7)	Rate for 2014-15 Rs. (8/)	Rate for 2015-16 Rs. (9)	Rate for 2016-17 Rs. (10)
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5073.00

5073.00

5073.00

4363.00

2666.00

2666.00

2666.00

2293.00

SR. NO.	Item No as per N.B.O	ITEM DESCRIPTION	UNIT	Rate for 2011-12 Rs.
(1)	(2)	(3)	(4)	(5)
50	0.0	Providing and fixing of 35mm thick fiber glass shutter with 1.5 to 2.0 mm thick fire extinguishing grade FRP skin in wood grain raised panel design having extra reinforcement on sides and edges and in Gel coat finish. The core of the shutter is to be filled up with injected fire extinguishing grade polyurethane foam done in situ along with embedded wooden pieces for stiffening and also for taking hinges and fixtures. The whole shutters is to be water proof, weather proof, termite proof and resistance to mild acid/Alkali. Rates are to be inclusive of SS hinges with necessary screws and aluminium fixtures and fastening. Product should have 3 years performance guarantee and company have ISO 9001-2000 certificate.	sqm	2832.00
51	0.0	Providing and fixing of 35mm thick fiber glass shutter with 1.5 to 2.0 mm thick fire extinguishing grade FRP skin in wood grain raised panel design having extra reinforcement on sides and edges and in polish design finish. The core of the shutter is to be filled up with injected fire extinguishing grade polyurethane foam done in situ alongwith embedded wooden pieces for stiffening and also for taking hinges and fixtures. The whole shutter is to be water proof, weateher proof, termite proof and resistance to mild acid/alkali. Rates are to be inclusive of SS hinges with necessary screws and brass fixtures and fastening.	sqm	3414.00

Rate for 2012-13 Rs. (6)	Rate for 2013-14 Rs. (7)	Rate for 2014-15 Rs. (8/)	Rate for 2015-16 Rs. (9)	Rate for 2016-17 Rs. (10)
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3230.00

3230.00

3230.00

2778.00

3882.00

3882.00

3882.00

3339.00

SR. NO.	Item No as per N.B.O	ITEM DESCRIPTION	UNIT	Rate for 2011-12 Rs.
(1)	(2)	(3)	(4)	(5)
52	0.0	Providing and fixing window shutter of 75x 30mm size with 4mm glazed panels with main frame size of 100 x 50mm size having 1.5 to 2.00 mm thick fire extinguishing grade FRP skin in frame and shutter with extra reinforcement on sides and edges in Gel coat finish. The core of the shutter and frame is to be filled with injected fire extinguishing grade polyurethane foam done in situ with wooden blocks for taking hinges and fixtures. The frame and shutter is to be water proof, weather proof, termite proof and resistance to mild acid/ alkalis including S.S. hinges with necessary screws and alluminium fixtures and fastening.	sqm	3848.00
53	0.0	Providing and fixing Plain/Printed PVC sheet wall paneling of thickness 5mm consisting of panels having size 1220 mm x 2440 mm stuck on inner frame work of 50mm wide strips of 5mm thick PVC sheet. The strips should have in their center a groove of 6mm width and 1mm depth for sinking the head of the screw used to fix the strips to the wall and should be placed vertically at equal intervals of 10” center to center. The PVC strips shall be fixd to the wall using 65mm long M.s. scress through the groove in the strip by using PVC fasteners. The distance between two screws shall not be more than 200 A groove of 2mm may be left at the joint of two panel for aesthetic looks. The exact size of the panel and correspondingly of the grid may vary depending on the size of the wall.	sqm	982.00

Rate for 2012-13 Rs. (6)	Rate for 2013-14 Rs. (7)	Rate for 2014-15 Rs. (8/)	Rate for 2015-16 Rs. (9)	Rate for 2016-17 Rs. (10)
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4366.00

4366.00

4366.00

3755.00

982.00

982.00

982.00

845.00

SR. NO.	Item No as per N.B.O	ITEM DESCRIPTION	UNIT	Rate for 2011-12 Rs.
(1)	(2)	(3)	(4)	(5)
54	0.0	Providing and fixing Prelam PVC sheet wall paneling of thickness 5mm consisting of panels having size 1220 x 2440 mm stuck on inner frame work of 50mm wide strips of 5mm thick PVC sheet. The strips should have in their center a groove of 6mm width and 1mm depth for sinking the head of the screw using to fix the strips of the wall and should be placed vertically at equal intervals of 10" center to center. The PVC strips shall be fixed to the wall using 65mm long M.S. screws through the groove in the strip by using PVC fasteners. The distance between two screws shall not be more than 200 mm. A groove of 2mm may be left at the joint of two panel for aesthetic looks. The exact size of the panel and correspondingly of the grid may vary depending on the size of the wall.	sqm	1098.00

Rate for 2012-13 Rs. (6)	Rate for 2013-14 Rs. (7)	Rate for 2014-15 Rs. (8/)	Rate for 2015-16 Rs. (9)	Rate for 2016-17 Rs. (10)
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1098.00

1098.00

1098.00

944.00

SR. NO.	Item No as per N.B.O	ITEM DESCRIPTION	UNIT	Rate for 2011-12 Rs.
(1)	(2)	(3)	(4)	(5)
55	0.0	<p>Providing and fixing full height Prelam PVC partition system 50mm thick consisting of 40mm sandwich PVC panel made out of 36mm high density expanded polystyrene sheet (E.P.S. Thermocol) stuck on both side with 2mm thick prelim PvC sheet reinforced with frame work made from 35mm x 5mm M.S. angle. In between two M.S. angles 4 mm with feathered edges shall be fixed on floor and 50 x 75 mm with feathered edges prelim PVC “C” channel of size 50mm x 75mm with feathered edges prelim PVC panel shall be inserted in the PVC ‘C’ channel The first and last M.S. angle should be erected such that it is inside a PVC C channel of size 50 x 75mm In between adjoining EPS sandwiched PVC partition panel 4mm thick x 75 mm width prelim PVC sheet feathered at edges shall be stuck on front and back face using solvent cement etc. An additional 4mm thick PVC strip of 40mm width is to be stuck on the intrior side of the ‘C’ channel using PVC solvent adhesive completeas per direction of Engineer in charge. Manufacture’s specification an and nos.</p>	sqm	2502.00

Rate for 2012-13 Rs. (6)	Rate for 2013-14 Rs. (7)	Rate for 2014-15 Rs. (8/)	Rate for 2015-16 Rs. (9)	Rate for 2016-17 Rs. (10)
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2502.00

2502.00

2502.00

2152.00

SR. NO.	Item No as per N.B.O	ITEM DESCRIPTION	UNIT	Rate for 2011-12 Rs.
(1)	(2)	(3)	(4)	(5)
56	0.0	<p>Providing and fixing full height Plan/colour PVC partition system 50mm thick consisting of 40mm sandwich PVC panel made out of 36mm high density expanded polystyrene sheet (E.P.S. Thermocol) stuck on both side with 2mm thick plain PVC sheet reinforced with frame work made from 35mm x 5mm M.S. angle. In between two M.S. angles 4 mm thick plan heat moulded PVC 'C' channel of size 50mm x 100 mm with feathered edes shall be fixed on floor and 50 x 75 mm with feathered edges plain/printed/prelim PVC 'C' channel shall be fixed in the ceiling. Sandwich PVC panel shall be inserted in the PVC "c" channel. The first and last M.S. angle should be erected such that it is inside a PVC C channel of size 50 x 75mm. In between adjoining EPS sandwiched PVC partition panel 4mm thick x 75mm width plain PVC sheet feathered at edges shall be stuck on front and back face using solvent cement etc. And additional 4mm thick PVC strip of 40mm width is to be stuck on the interior side of the C channel using PVC solvent adhesive completadded of Engineer in charge, manufacture's specification and drawing.</p>	sqm	2073.00

Rate for 2012-13 Rs. (6)	Rate for 2013-14 Rs. (7)	Rate for 2014-15 Rs. (8/)	Rate for 2015-16 Rs. (9)	Rate for 2016-17 Rs. (10)
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2073.00

2073.00

2073.00

1783.00

SR. NO.	Item No as per N.B.O	ITEM DESCRIPTION	UNIT	Rate for 2011-12 Rs.
(1)	(2)	(3)	(4)	(5)
57	0.0	<p>Providing and fixing full height Printed PVC partition system 50mm thick PVC partition consisting of 40mm sandwich PVC panel made out of 36mm high density expanded polystyred shet (EPS Thermocol) stuck on the both side with 2mm thick printed PVC sheet reinforced with frame work made from 35mm x 5mm M.S. angle. IN between two M.S. angles 4mm thick printed heat moulded PVC C channel of size 50mm x 100mm with feathered, edges shall be fixed on floor and 50 x 75 mm with feathered edges printed PVC C channel shall be fixed in the ceiling, Sandwich PVC panel shall be inserted in the PVC C channel. The first and last M.S. angle should be erected such that it is inside a PVC C channel of size 50 x 75mm In between adjoining EP sandwiched PVC partition panel 4mm thick x 75mm width printed PVC sheet feathered at edges shall be suck on front and back face using solvent cement. If the height of partition exceeds 8 feet; then 15mm x 30mm M.S. tube is welded horizontally at the joint of panels in between two vertical angels and An additional 4mm thick PVC strip of 40mm width is to be stuck on the interior side of the C channel using PVC solvent adhesive complete as per direction of Engineer in charge, manufactures.</p>	sqm	2211.25

Rate for 2012-13 Rs. (6)	Rate for 2013-14 Rs. (7)	Rate for 2014-15 Rs. (8/)	Rate for 2015-16 Rs. (9)	Rate for 2016-17 Rs. (10)
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2211.25

2211.25

2211.25

1902.00

SR. NO.	Item No as per N.B.O	ITEM DESCRIPTION	UNIT	Rate for 2011-12 Rs.
(1)	(2)	(3)	(4)	(5)
58	0.0	Providing and fixing PVC plain colour false ceiling with grid type with alu frame consisting of 600 mm x 600mm 3mm thick plain PVC sheet used as panel insert in a frame work made using anodized alluminium T section of size 1" x 1" (25 x 25mm, 19 gauge or 1mm thick) in square pattern of grid sizes of 2 x 2 (600 x 600mm). The alluminium frame work is supported from the ceiling with the help of G.I. hook and G.I. wire/6mm M.S. rods of required sizes to maintain proper level etc. The aluminium frame work is supported on side wall with the use of alluminium L section of size 1 x 1 (25 x 25mm) angles et. Complete as per direction of Engineer in charge. Manufactures, specification and drawing	sqm	839.90
59	0.0	Providing and fixing PVC Printed pain colour false ceiling with grid type with alluminium frame consisting of 600mm x 600mm 3mm thick plain PVC sheet used as panel insert in a frame work made using anodized alluminium T section of size 1 x 1 (235 x 25mm, 19 gauge or 1 mm thick) in square pattern of grid sizes of 2 x 2 (600 x 600mm) The alluminium frame work is supported from the cceiling with the help of G.I. hook and G.I. wire/6mm M.S. rods of required sizes to maintain proper level etc. The aluminium frame work is supported on side wall with the use of alluminium L section of size 1 x 1 (25 x 25mm) angles etc. complete as per direction of Engineer in charge. Manufactures specification and drawing.	sqm	890.50

Rate for 2012-13 Rs. (6)	Rate for 2013-14 Rs. (7)	Rate for 2014-15 Rs. (8/)	Rate for 2015-16 Rs. (9)	Rate for 2016-17 Rs. (10)
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839.90

839.90

839.90

722.00

890.50

890.50

890.50

766.00

SR. NO.	Item No as per N.B.O	ITEM DESCRIPTION	UNIT	Rate for 2011-12 Rs.
(1)	(2)	(3)	(4)	(5)

60	0.0	Providing and fixing PVC plain colour false ceiling with flush type with alluminium frame, frame work is done with three different sections of G.I. sheet of 24 gauge thickness named as C, U and L. The C section is fixed with hangers at an equal distance of 36" each and then U section is fixed perpendicular on C section with steel screws at an equal distance of 16" each. The complete frame work is supported by G.I. L angle 6mm rod hangers from the roof and L sections is fixed all around the wall as shown in the diagram. 5mm PVC sheet strips of size 2 wide and fixed with counter sunk steel screw on the U section. Further 3mm PVC sheet is stuck to these PVC strips with solvent cement such that joining lines are perfectly matched. P.U. putty is filled, ceiling for getting fine surface finish etc. complete as per direction of Engineer in charge, manufacturer's specification and drawing.	sqm	997.50
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Rate for 2012-13 Rs.	Rate for 2013-14 Rs.	Rate for 2014-15 Rs.	Rate for 2015-16 Rs.	Rate for 2016-17 Rs.
(6)	(7)	(8/)	(9)	(10)

997.50

997.50

997.50

858.00

SR. NO.	Item No as per N.B.O	ITEM DESCRIPTION	UNIT	Rate for 2011-12 Rs.
(1)	(2)	(3)	(4)	(5)
61	0.0	Providing and fixing PVC printed false ceiling with flush type with alluminium frame, frame work is done with three different sections of G.I. sheet of 24 gauge thickness named as C, U and L. The C section is fixed with hangers at an equal distance of 36" each and then U section is fixed perpendicular on C section with steel screws at and equal distance of 16" each. The complete frame work is supported by G.I. L angle/6 mm rod hangers from the roof and L sections is fixed all around the wall as shown in the diagram. 5mm PVC sheet strips of size 2 wide are fixd with counter sunk steel screws on the U section. Further 3mm PVC sheet is stuck to these PVC strips with solvent cement such that joining lines are perfectly matched. P.U. putty is filled, dried and leveled and requisite coats of primer and paint is done on the ceiling for getting fine surface finish etc. complete as per direction of Engineering and charge manufacturer's specification and drawing	sqm	1049.00
62	0.0	Extra rate for using polyester fiber (12mm) with triangular of equivalent cross section with specific gravity 1.35 to 1.40 (as a secondary reinforcement) in concrete of any grade at the rate of 125 gms per 50 kg of Cement consumption.	1 Packet of 125 gms	30.00

Rate for 2012-13 Rs. (6)	Rate for 2013-14 Rs. (7)	Rate for 2014-15 Rs. (8/)	Rate for 2015-16 Rs. (9)	Rate for 2016-17 Rs. (10)
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1049.00

1049.00

1049.00

902.00

30.00

30.00

30.00

26.00

SR. NO.	Item No as per N.B.O	ITEM DESCRIPTION	UNIT	Rate for 2011-12 Rs.
(1)	(2)	(3)	(4)	(5)
63	0.0	Extra rate for using polyester fiber (6mm) with triangular cross of equivalent section with specific gravity 1.35 to 1.40 (as a secondary reinforcement) in mortar of any grade at the rate of 125 gms per 50 kg of cement consumption.	1 Packet of 125 gms	30.00
64	0.0	Providing fusion bonded Epoxy coating not less than 175 micron thickness and up to 300 micron to reinforcement bars as per IS-13620-1993/ASTM-775 M including testing of coating at plant and all taxes		
		(A) 10mm to 16mm dia bar	M.T	11700.00
		(B) 20mm to 32 mm dia bar	M.T	8400.00

CHAPTER : 11 : STEEL, ALLUMINIUM AND IRON WORK

1	11.2	Steel work riveted, in built up sections, framed work including cutting, hoisting, fixing in position and applying a priming coat of red lead paint (A) In beams and joists, channels, angles, tees, flats with connecting plates or angle cleats as in main & cross beamship & jack rafters, purlins connected to common rafters and like.	Quintal	5301.00
	11.2	(B) In trusses and trussed purlins, up to 25 mt. span & 15 mt. overall height.	Quintal	5776.00
2	11.2	Steel work welded, in built up sections, framed work including cutting, hoisting, fixing in position and applying a priming coat of red lead paint (A) In beams and joists, channels, angles, tees, flats with connecting plates or angle cleats as in main & cross beamship & jack rafters, purlins connected to common rafters and like.	Quintal	5301.00

Rate for 2012-13 Rs. (6)	Rate for 2013-14 Rs. (7)	Rate for 2014-15 Rs. (8/)	Rate for 2015-16 Rs. (9)	Rate for 2016-17 Rs. (10)
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30.00

30.00

30.00

26.00

11700.00

11700.00

11700.00

10062.00

8400.00

8400.00

8400.00

7224.00

6037.00

6077.00

6077.00

5287.00

6519.00

6607.00

6607.00

5748.00

6043.00

6079.00

6079.00

5289.00

SR. NO.	Item No as per N.B.O	ITEM DESCRIPTION	UNIT	Rate for 2011-12 Rs.
(1)	(2)	(3)	(4)	(5)
	11.4	(B) In trusses and trussed purlins, up to 25 mt. span & 15 mt. overall height.	Quintal	5340.00
3	11.6	Providing and fixing in position collapsible steel shutters with vertical channels 20 mm x 10 mm x 2 mm braced with flat iron diagonals 20 mm x 5 mm size with top & bottom rails of T iron 40 mm x 40 mm x 6 mm with 38 mm diameter steel pulleys complete with bolts, nuts, locking arrangements, stopper handles including applying a priming coat of red lead paint.	sqm	3412.00
4	11.7	Providing and fixing 1 mm thick M.S sheet sliding shutters with frame and diagonal braces of 40 mm x 40 mm x 6 mm angle iron, 3.15 mm M.S gusset plate at junctions and corners, 25 mm diameter pulley, 40 mm x 40 mm x 6 mm angle and T iron guide rail at top and bottom respectively with handles, stoppers and locking arrangements etc. including applying a priming coat of red lead paint.	sqm	2522.00
5	11.9	Providing & fixing rolling shutters of approved make made of 80 mm. Wide M.S. laths inter locked together their entire length and jointed together at the end locks mounted on specially designed pipe shaft with bracket plates, guide channels and outside locking with push-pull operation excluding the cost of Hood cover and spring etc. comp. (A) Shutters having width below 3.5 mt.	sqm	2837.00
	11.9	(B) Shutters having width 3.5 mt. and above.	sqm	3162.00

Rate for 2012-13 Rs.	Rate for 2013-14 Rs.	Rate for 2014-15 Rs.	Rate for 2015-16 Rs.	Rate for 2016-17 Rs.
(6)	(7)	(8/)	(9)	(10)

6076.00	6121.00	6121.00	5325.00
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3788.00	3934.00	3934.00	3423.00
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2822.00	2874.00	2874.00	2500.00
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3243.00	3257.00	3257.00	2822.00
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3617.00	3631.00	3631.00	3977.00
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SR. NO.	Item No as per N.B.O	ITEM DESCRIPTION	UNIT	Rate for 2011-12 Rs.
(1)	(2)	(3)	(4)	(5)
6	11.10	Providing and fixing 27.5 cm long wire spring grade No 2 of approved make for rolling shutters.	Each	769.00
7	11.11	Providing and fixing hood cover for rolling shutters (A) Shutters having width below 3.5 meters.	m	157.00
	11.11	Providing and fixing hood cover for rolling shutters (B) Shutters having width 3.5 meters and above.	m	164.00
8	11.14	Fixing standard steel doors, windows & ventilators in walls with 16 x 3.15 mm logs 10 Cm. long embeded 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.	sqm	97.00
9	11.20	Providing and fixing M.S fan clamps type I of 16 mm diameter M.S bar bent to shape with hooked ends to R.C.C slabs during laying including painting the exposed portion of loops, all as per standard design complete.	Each	84.00
10	11.21	Extra over rate of item 11.20 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 clamps due to beam rib.	Cm Height	1.00
11	11.23	Providing and fixing M.S round holding down or anchor bolts with nuts and washer plates complete.	kg	39.00

Rate for 2012-13 Rs.	Rate for 2013-14 Rs.	Rate for 2014-15 Rs.	Rate for 2015-16 Rs.	Rate for 2016-17 Rs.
(6)	(7)	(8/)	(9)	(10)

883.00	883.00	883.00	744.00
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180.00	180.00	180.00	154.00
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189.00	189.00	189.00	161.00
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114.00	124.00	124.00	150.00
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93.00	91.00	91.00	79.17
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1.00	1.00	1.00	0.87
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44.00	43.00	43.00	37.41
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SR. NO.	Item No as per N.B.O	ITEM DESCRIPTION	UNIT	Rate for 2011-12 Rs.
(1)	(2)	(3)	(4)	(5)
12	0.0	Providing and fixing EZ-7 section door/window/frame including welding and fixtures fastenings including three coats of approved enamel oil paint etc. complete.	sqm	462.00
13	0.0	Providing & fixing rolling shutters of approved make made of 80 mm wide M.S. laths inter locked together their entire length and jointed together at the end locks mounted on specially designed pipe shaft with bracket plates, guide channels and out side locking with push-pull operation incl. the cost of Hood cover and spring etc. comp. (A) Shutters having width below 3.5 mt.	sqm	3853.00
	0.0	(B) Shutters having width 3.5 mt. and above.	sqm	4185.00

Rate for 2012-13 Rs. (6)	Rate for 2013-14 Rs. (7)	Rate for 2014-15 Rs. (8/)	Rate for 2015-16 Rs. (9)	Rate for 2016-17 Rs. (10)
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520.00	527.00	527.00	458.00	
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4411.00	4425.00	4425.00	2834.00	
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4792.00	4807.00	4807.00	3159.00	
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SR. NO.	Item No as per N.B.O	ITEM DESCRIPTION	UNIT	Rate for 2011-12 Rs.
(1)	(2)	(3)	(4)	(5)
14	0.0	Providing and fixing extruded aluminum window having extruded aluminum Colour anodized section frame main outer size 127mm x 38.10mm x 1.35mm (of Jindal Section no: 2443, @ Wt. 1.384 Kg/mt), horizontal Four track member size 122.20mm x 31.75mm x 1.10mm (of Jindal Section no:8787, @ Wt. 1.205 Kg/mt), vertical member of size 122.20mm x 31.75mm x 1.50mm (of Jindal Section no:8935, @ Wt. 1.398 Kg/mt) with sliding shutters of horizontal member size 40mm x 18mm x 1.29mm (of Jindal Section no: 8949 @ wt.of 0.456Kg/mt), vertical member of size 40mm x 18mm x 1.29mm (of Jindal Section no: 8947 @ wt.of 0.456Kg/mt/, Section 8948, @ Wt. 0.457 Kg/mt) with 5 mm thick transparent bronze colour tinted float glass with powder coated aluminum fittings and fixtures and transparent silicon sealant glass fixing to frame as per details etc complete for window.	sqm	-

Rate for 2012-13 Rs. (6)	Rate for 2013-14 Rs. (7)	Rate for 2014-15 Rs. (8/)	Rate for 2015-16 Rs. (9)	Rate for 2016-17 Rs. (10)
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2892.00

2892.00

2892.00

2520.00

SR. NO.	Item No as per N.B.O	ITEM DESCRIPTION	UNIT	Rate for 2011-12 Rs.
(1)	(2)	(3)	(4)	(5)
15	0.0	Providing and fixing window having extruded aluminum Colour anodized section frame main outer size 95mm x 24mm x 1.17mm (of Jindal Section no:2459 @ wt. of 0.738 Kg/mt), horizontal Three track member size 92mm x 31.75mm x 1.30mm (of Jindal Section no:8688, @ Wt.1.07 Kg/mt), vertical member of size 92mm x 31.75mm x 1.50mm (of Jindal Section no:8933, @ Wt. 1.06 Kg/mt) with sliding shutters of horizontal member size 40 mmx18mm x1.29mm (of Jindal Section no:8947@ wt.of 0.456 Kg/mt), vertical member of size 40mm x 18mm x 1.29 mm (of Jindal Section no:8949 @ wt.of 0.456Kg/mt/ with 5 mm thick transparent bronze colour tinted float glass with powder coated aluminum fittings and fixtures and transparent silicon sealant glass fixing to frame as per details etc complete	sqm	-

Rate for 2012-13 Rs. (6)	Rate for 2013-14 Rs. (7)	Rate for 2014-15 Rs. (8/)	Rate for 2015-16 Rs. (9)	Rate for 2016-17 Rs. (10)
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2282.00

2282.00

2282.00

1871.00

SR. NO.	Item No as per N.B.O	ITEM DESCRIPTION	UNIT	Rate for 2011-12 Rs.
(1)	(2)	(3)	(4)	(5)
16	0.0	Providing and fixing window having extruded aluminum Colour anodized section frame main outer size 63.50 x 38.10 x 1.95 mm(of Jindal Section no:4605,@ Wt 1.094 Kg / Rmt), horizontal two track member size 61.85 mm x 31.75 mm x 1.20mm (of Jindal Section no: 8687 @ wt.of 0.695 Kg/mt), vertical member of size 61.85 mm x 31.75mm x 1.30 mm (of Jindal Section no:8758 @ wt.of 0.0.659 Kg/mt) with sliding shutters of horizontal member size 40mm x 18mm x 1.29mm (of Jindal Section no:8949 @ wt.of 0.456Kg/mt), vertical member of size 40mm x 18mm x 1.29mm (of Jindal Section no: 8947 @ wt. of 0.456Kg/mt, Section 8948 @ Wt. 0.457 Kg/mt) with 5 mm thick transparent bronze colour tinted float glass with powder coated aluminum fittings and fixtures and transparent silicon sealant glass fixing to frame as per details etc complete for window.	sqm	-
17	0.0	Providing and fixing standared extruded of alluminium section of size 63.50 x 38.10 x 1.95 mm(of Jindal Section no:4605, @ Wt 1.094Kg / Rmt with colour anodized alluminium frame with 5 mm thick transparent bronze colour tinted float glass with colour anodized alluminium frame for ventilation with 5 mm thick frosted glass as details etc complete for.window	sqm	-
18	0.0	Providing and fixing standared extruded of alluminium section of size 63mm x 38.10mm x 1.2mm (Jindal Section :2434, @ Wt. 0.643 Kg/mt) with colour anodized alluminium frame for ventilation with 5 mm thick frosted glass as details etc complete for Ventilation	sqm	-

Rate for 2012-13 Rs. (6)	Rate for 2013-14 Rs. (7)	Rate for 2014-15 Rs. (8/)	Rate for 2015-16 Rs. (9)	Rate for 2016-17 Rs. (10)
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2471.00

2471.00

2471.00

2022.00

1996.00

1996.00

1996.00

1537.00

1857.00

1857.00

1857.00

1386.00

SR. NO.	Item No as per N.B.O	ITEM DESCRIPTION	UNIT	Rate for 2011-12 Rs.
(1)	(2)	(3)	(4)	(5)
19	0.0	Providing and fixing standard extruded of aluminium section of size 63.50 x 38.10 x 1.95 mm (of Jindal Section no:4605, @ Wt 1.094Kg / Rmt with colour anodized aluminium frame with 5 mm thick transparent bronze colour tinted float glass as details etc complete for Fix window.	sqm	-
20	0.0	Providing and fixing extruded aluminum window having extruded aluminum Colour Powder Coated section frame main outer size 127mm x 38.10mm x 1.35mm (of Jindal Section no:2443, @ Wt.1.384 Kg/mt), horizontal Four track member size 122.20mm x 31.75mm x 1.10mm (of Jindal Section no:8787, @ Wt. 1.205 Kg/mt), vertical member of size 122.20mm x 31.75mm x 1.50mm (of Jindal Section no: 8935, @ Wt. 1.398 Kg/mt) with sliding shutters of horizontal member size 40mm x 18mm x 1.29mm (of Jindal Section no:8949 @ wt.of 0.456Kg/mt), vertical member of size 40mm x 18mm x 1.29mm (of Jindal Section no:8947 @ wt.of 0.456Kg/mt, Section 8948, @ Wt. 0.457 Kg/mt) with 5 mm thick transparent bronze colour tinted float glass with powder coated aluminum fittings and fixtures and transparent silicon sealant glass fixing to frame as per details etc complete for window.	sqm	-

Rate for 2012-13 Rs. (6)	Rate for 2013-14 Rs. (7)	Rate for 2014-15 Rs. (8/)	Rate for 2015-16 Rs. (9)	Rate for 2016-17 Rs. (10)
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2268.00

2268.00

2268.00

1802.00

2764.00

2764.00

2764.00

2520.00

SR. NO.	Item No as per N.B.O	ITEM DESCRIPTION	UNIT	Rate for 2011-12 Rs.
(1)	(2)	(3)	(4)	(5)
21	0.0	Providing and fixing window having extruded aluminum Colour Powder Coated section frame main outer size 95mm x 24mm x 1.17mm (of Jindal Section no:2459 @ wt.of 0.738 Kg/mt), horizontal Three track member size 92mm x 31.75mm x 1.30mm (of Jindal Section no:8688, @ Wt.1.07 Kg/mt), vertical member of size 92mm x 31.75mm x 1.50mm (of Jindal Section no:8933,@ Wt. 1.06 Kg/mt) with sliding shutters of horizontal member size 40 mmx18mm x1.29mm (of Jindal Section no:8947@ wt.of 0.456 Kg/mt), vertical member of size 40mm x 18mm x 1.29 mm (of Jindal Section no:8949 @ wt.of 0.456Kg/mt/ with 5 mm thick transparent bronze colour tinted float glass with powder coated aluminum fittings and fixtures and transparent silicon sealant glass fixing to frame as per details etc. complete.	sqm	-

Rate for 2012-13 Rs. (6)	Rate for 2013-14 Rs. (7)	Rate for 2014-15 Rs. (8/)	Rate for 2015-16 Rs. (9)	Rate for 2016-17 Rs. (10)
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2190.00

2190.00

2190.00

1880.00

SR. NO.	Item No as per N.B.O	ITEM DESCRIPTION	UNIT	Rate for 2011-12 Rs.
(1)	(2)	(3)	(4)	(5)
22	0.0	Providing and fixing window having extruded aluminum Colour Powder Coated section frame main outer size 63.50 x 38.10 x 1.95 mm(of Jindal Section no:4605,@ Wt 1.094 Kg / Rmt), horizontal two track member size 61.85 mm x 31.75 mm x 1.20mm (of Jindal Section no: 8687 @ wt.of 0.695 Kg/mt), vertical member of size 61.85 mm x 31.75mm x 1.30 mm (of Jindal Section no:8758 @ wt.of 0.0.659 Kg/mt) with sliding shutters of horizontal member size 40mm x 18mm x 1.29mm (of Jindal Section no:8949 @ wt.of 0.456Kg/mt), vertical member of size 40mm x 18mm x 1.29mm (of Jindal Section no:8947 @ wt.of 0.456Kg/mt, Section 8948, @ Wt. 0.457 Kg/mt) with 5 mm thick transparent bronze colour tinted float glass with powder coated aluminum fittings and fixtures and transparent silicon sealant glass fixing to frame as per details etc complete for window.	sqm	-
23	0.0	Providing and fixing standared extruded of alluminium section of size 63.50 x 38.10 x 1.95 mm(of Jindal Section no:4605, @ Wt 1.094Kg / Rmt with colour Powder Coated alluminium frame with 5 mm thick transparent bronze colour tinted float glass with colour anodized alluminium frame for ventilation with 5 mm thick frosted glass as details etc complete for.window	sqm	-
24	0.0	Providing and fixing standared extruded of alluminium section of size 63mm x 38.10mm x 1.2mm (Jindal Section :2434, @ Wt. 0.643 Kg/mt) with colour Powder Coated alluminium frame for ventilation with 5 mm thick frosted glass as details etc complete for Ventilation	sqm	-

Rate for 2012-13 Rs. (6)	Rate for 2013-14 Rs. (7)	Rate for 2014-15 Rs. (8/)	Rate for 2015-16 Rs. (9)	Rate for 2016-17 Rs. (10)
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2367.00

2367.00

2367.00

2012.00

1920.00

1920.00

1920.00

1524.00

1792.00

1792.00

1792.00

1386.00

SR. NO.	Item No as per N.B.O	ITEM DESCRIPTION	UNIT	Rate for 2011-12 Rs.
(1)	(2)	(3)	(4)	(5)
25	0.0	Providing and fixing standard extruded of aluminium section of size 63.50 x 38.10 x 1.95 mm (of Jindal Section no:4605, @ Wt 1.094Kg / Rmt with colour Powder Coated aluminium frame with 5 mm thick transparent bronze colour tinted float glass as details etc complete for Fix window.	sqm	-

CHAPTER : 12 : BUILDER'S HARDWARE

1	12.4	Fixing metallic tower bolt of size with necessary screws etc. complete (Tower bolt & screws to be paid under separate items)	Each.	16.00
2	12.5	Fixing metallic flush bolts of size with necessary screws etc. complete (Flush bolt & screws to be paid under separate items)	Each.	3.00
3	12.8	Fixing metallic or plastic door handles of size with necessary screws etc. complete (Door handles & screws to be paid under separate items)	Each.	1.00
4	12.10	Fixing metallic gates and shutter hooks and eyes of sizes (Hooks & eyes to be paid under separate items)	Each.	1.00
5	12.11	Fixing metallic door latches of size with necessary screws etc. complete (Door latches & screws to be paid under separate items)	Each.	2.00
6	12.12	Fixing metallic mortice night latches of size with necessary screws including making necessary holes in wooden door shutter etc. complete. (Mortice night latches & screws to be paid under separate items)	Each.	30.00

Rate for 2012-13 Rs. (6)	Rate for 2013-14 Rs. (7)	Rate for 2014-15 Rs. (8/)	Rate for 2015-16 Rs. (9)	Rate for 2016-17 Rs. (10)
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2178.00	2178.00	2178.00	2166.00	
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20.00	21.90	21.90	32.00	
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4.00	4.40	4.40	6.40	
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1.30	1.47	1.47	2.30	
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1.30	1.47	1.47	2.30	
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2.70	2.90	2.90	4.20	
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37.80	41.40	41.40	60.00	
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SR. NO.	Item No as per N.B.O	ITEM DESCRIPTION	UNIT	Rate for 2011-12 Rs.
(1)	(2)	(3)	(4)	(5)
7	12.18	Fixing metallic ball catches 10 mm diameter (Ball catches to be paid under separate items)	Each.	2.60
8	12.20	Fixing metallic casement window fasteners with necessary screws etc. complete. (Casement window fasteners and screws to be paid under separate items)	Each.	1.80
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.	1.80
10	12.24	Fixing metallic cupboard or wardrobe locks of sizes with necessary screws etc. complete. (Locks and screws to be paid under separate items)	Each.	30.90
11	12.25	Fixing metallic or plastic cupboard or wardrobe knobs of sizes with necessary screws/bolts etc. complete. (Knobs and screws/bolts to be paid under separate items)	Each.	2.50
12	12.26	Fixing metallic floor door stopper of sizes with rubber cushion, necessary screws etc. complete. (Floor door stopper with rubber cushion and screws to be paid under separate items)	Each.	1.00
13	12.28	Fixing metallic door handles or knobs for mortice locks with necessary screws etc. complete. (Door handles and screws to be paid separately)	Each.	1.00

Rate for 2012-13 Rs. (6)	Rate for 2013-14 Rs. (7)	Rate for 2014-15 Rs. (8/)	Rate for 2015-16 Rs. (9)	Rate for 2016-17 Rs. (10)
3.10	3.40	3.40	4.90	
2.20	2.40	2.40	3.80	
2.20	2.40	2.40	3.80	
37.80	41.40	41.40	36.43	
3.10	3.40	3.40	4.90	
1.60	1.70	1.70	2.70	
1.30	1.47	1.47	2.30	

SR. NO.	Item No as per N.B.O	ITEM DESCRIPTION	UNIT	Rate for 2011-12 Rs.
(1)	(2)	(3)	(4)	(5)

CHAPTER : 13 : GLAZING

1	13.1	Providing and fixing sheet glass selected quality (type-C) bedded in putty and fixed with wooden beading including the cost of wooden beadings of first class teak wood and necessary cutting of glass. [1] 5 mm. thick.	sqm	782.00
	13.1	[2] 6 mm. thick.	sqm	820.00
2	13.3	Providing and fixing rough cast wired glass 6 mm thick bedded in putty and fixed with wooden beading including the cost of wooden beadings of Indian teak wood and necessary cutting of glass. [C] Wired-figure glass.	sqm	782.00
3	13.5	Providing and fixing sheet glass ordinary quality bedded in putty and fixed with wooden beading including the cost of wooden beadings of first class teak wood and necessary cutting of glass. [3] 3 mm. thick.	sqm	716.00
	13.5	[4] 4 mm. thick.	sqm	731.00
4	13.7	Extra for using ground glass (Frosted or obscured on one side) instead of plain glass.	sqm	32.00
5	13.11	Deduct for difference in cost of material and labour involved in method of glazing if changed in item No 13.1 to (A) Front and back puttied and sprigged or fixed with glazing pins.	sqm	270.00
6	13.12	Grinding, polishing and rounding of edges of glass or glazing sheets.	m	27.00

Rate for 2012-13 Rs.	Rate for 2013-14 Rs.	Rate for 2014-15 Rs.	Rate for 2015-16 Rs.	Rate for 2016-17 Rs.
(6)	(7)	(8/)	(9)	(10)

840.00	880.00	880.00	739.00
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881.00	920.00	920.00	773.00
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836.00	872.00	872.00	660.00
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772.00	817.00	817.00	687.00
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787.00	832.00	832.00	699.00
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33.00	33.00	33.00	27.72
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308.00	335.00	335.00	287.00
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29.00	29.00	29.00	24.39
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SR. NO.	Item No as per N.B.O	ITEM DESCRIPTION	UNIT	Rate for 2011-12 Rs.
(1)	(2)	(3)	(4)	(5)

HAPTER : 14 : PAVING AND FLOOR FINISHE

1	14.2	Providing and laying 40 mm thick marble chips flooring rubbed & polished (I.E terrazo) to be granolithic finish with under layer 30 mm thick cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stne aggregate 10 mm and down gauge) and top layer 10 mm thick with white, black or white and black marble chips of required sizes 1 mm to 4 mm nominal size laid in cement marble powder mix 3:1 (3 cement : 1 marble powder by weight) in proportion of 4:7 (4 cement marble powder mix : 7 marble chips by volume) (A) Dark shade pigment with ordinary cement (in top layer only)	sqm	535.00
	14.2	(B) Light shade pigment with white cement (in top layer only)	sqm	617.00
	14.2	(C) Medium shade pigment with approx 50% white cement & 50% ordinary cement (in top layer only)	sqm	578.00
	14.2	(D) White cement without any pigment (in top layer only)	sqm	574.00
	14.2	(E) Light shade pigment with ordinary cement (in top layer only)	sqm	537.00

Rate for 2012-13 Rs. (6)	Rate for 2013-14 Rs. (7)	Rate for 2014-15 Rs. (8/)	Rate for 2015-16 Rs. (9)	Rate for 2016-17 Rs. (10)
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560.00	580.00	580.00	476.00
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644.00	673.00	673.00	552.00
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604.00	628.00	628.00	515.00
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599.00	627.00	627.00	514.00
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563.00	583.00	583.00	478.00
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SR. NO.	Item No as per N.B.O	ITEM DESCRIPTION	UNIT	Rate for 2011-12 Rs.
(1)	(2)	(3)	(4)	(5)
2	14.4	Providing and laying marble chips skirting (terrazo) or dedo rubbed & polished to granolithic finish top layer 6 mm thick with white, black or white and black marble chips of required sizes from smallest to 4 mm nominal size laid in cement marble powder mix 3:1 (3 cement : 1 marble powder by weight) in proportion of 4:7 (4 cement marble powder mix : 7 marble chips by volume) 20 mm thick with under 14 mm thick in cement plaster 1:3 (1 cement ; 3 coarse sand) (A) Dark shade pigment with ordinary cement (in top layer only)	sqm	406.00
	14.4	(B) Light shade pigment with white cement (in top layer only)	sqm	478.00
	14.4	(C) Medium shade pigment with approx 50% white cement & 50% ordinary cement (in top layer only)	sqm	444.00
	14.4	(D) White cement without any pigment (in top layer only)	sqm	455.00
	14.4	(E) Light shade pigment with ordinary cement (in top layer only)	sqm	408.00
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.	sqm	149.00

Rate for 2012-13 Rs. (6)	Rate for 2013-14 Rs. (7)	Rate for 2014-15 Rs. (8/)	Rate for 2015-16 Rs. (9)	Rate for 2016-17 Rs. (10)
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442.00

463.00

463.00

380.00

497.00

523.00

523.00

429.00

470.00

494.00

494.00

405.00

474.00

501.00

501.00

411.00

444.00

465.00

465.00

381.00

170.00

182.00

182.00

149.00

SR. NO.	Item No as per N.B.O	ITEM DESCRIPTION	UNIT	Rate for 2011-12 Rs.
(1)	(2)	(3)	(4)	(5)
4	14.19	Providing & laying precast terrazo tiles of 20 mm. thick white and black (or of the colour specified in specification of tender item) marble chips of size upto 6 mm. laid in floors, treads of steps and landing on a bed of 25 mm average thickness of lime mortar 1:1.5 (1 lime putty: 1.5 sand) or C.M.1:6 jointed with pigment to match the shade of tiles including rubbing & polishing complete. [A] With precast tiles of light shades using white cement.	sqm	465.00
	14.19	[B] Medium shade using approx 50% white cement & 50% ordinary cement.	sqm	437.00
	14.19	[C] Dark shade using ordinary cement.	sqm	407.00
5	14.21	Providing & laying precast terrazo tiles of 20 mm. thick marble chips of size upto 6 mm. in skirting & riser of steps not exceeding 30 cm in height on 10 mm thick cement plaster 1:3 (1 cement : 3 coarse sand) jointed with neat cement slurry including rubbing & polishing complete with tile of [A] Light shades using white cement.	sqm	667.00
	14.21	[B] Medium shade using approx 50% white cement & 50% ordinary cement.	sqm	634.00
	14.21	[C] Dark shade using ordinary cement.	sqm	564.00
6	14.25	Providing and laying chequered terrazo tiles 22 mm thick with marble chips of size upto 6 mm in floors on 25 mm thick bed of lime mortar 1:1.5 (1 lime putty : 1.5 coarse sand) or C.M 1:6 jointed with neat cement slurry mixed with pigment to match the shade of tiles including rubbing and polishing complete. (A) Light shade using white cement.	sqm	607.00

Rate for 2012-13 Rs. (6)	Rate for 2013-14 Rs. (7)	Rate for 2014-15 Rs. (8/)	Rate for 2015-16 Rs. (9)	Rate for 2016-17 Rs. (10)
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489.00	507.00	507.00	416.00	
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460.00	476.00	476.00	390.00	
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429.00	442.00	442.00	362.00	
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692.00	729.00	729.00	598.00	
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659.00	691.00	691.00	567.00	
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603.00	631.00	631.00	517.00	
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635.00	663.00	663.00	544.00	
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SR. NO.	Item No as per N.B.O	ITEM DESCRIPTION	UNIT	Rate for 2011-12 Rs.
(1)	(2)	(3)	(4)	(5)
	14.25	(B) Medium shade using approx white cement 50% and 50% ordinary cement.	sqm	579.00
	14.25	(C) Dark shade using ordinary cement.	sqm	548.00
7	14.27	Providing and laying chequered terrazo tiles 28 mm thick with marble chips of size upto 6 mm in treads of stair & staircases in on 12 mm thick bed of lime mortar 1:1.5 (1 lime putty : 1.5 coarse sand) or C.M 1:6 jointed with neat cement slurry mixed with pigment to match the shade of tiles including rubbing and polishing complete. (A) Light shade using white cement.	sqm	593.00
	14.27	(B) Medium shade using approx white cement 50% and 50% ordinary cement.	sqm	565.00
	14.27	(C) Dark shade using ordinary cement.	sqm	535.00
8	14.29	Providing and laying white glazed tiles 6 mm. thick in flooring, treads of steps & landing on a bed of 12 mm. thick cement mortar 1:3 (1 cement : 3 coarse sand) finished with flush pointing in white cement.	sqm	854.00
9	14.32	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) & jointed with white cement slurry.	sqm	887.00
9A	14.32A	Providing and laying coloured glazed tiles of the size 300 mm x 200 mm x 8 mm / 300 mm x 450 mm x 8 mm in skirting, risers of steps and dedo on 10 mm. thick cement plaster 1:3 (1 cement : 3 coarse sand) & jointed with white cement slurry.	sqm	-

Rate for 2012-13 Rs.	Rate for 2013-14 Rs.	Rate for 2014-15 Rs.	Rate for 2015-16 Rs.	Rate for 2016-17 Rs.
(6)	(7)	(8/)	(9)	(10)

606.00	632.00	632.00	518.00
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574.00	597.00	597.00	490.00
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618.00	646.00	646.00	530.00
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589.00	614.00	614.00	503.00
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558.00	580.00	580.00	476.00
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874.00	902.00	902.00	740.00
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897.00	556.00	556.00	456.00
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-	813.00	813.00	906.00
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SR. NO.	Item No as per N.B.O	ITEM DESCRIPTION	UNIT	Rate for 2011-12 Rs.
(1)	(2)	(3)	(4)	(5)
10	14.34	Providing and fixing 50 mm intrnal or external angles of glazed tiles.	m	71.00
11	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 25 mm thick.	sqm	1843.00
11A	14.36A	Providing and laying polished marble stone slab 18 mm thick in risers of steps, dedo and pllars laid on 10 mm thick cement mortar 1:3 (1 cement : 3 coarse sand) and jointed with gray cement slurry including rubbing & polishing etc. complete.	sqm	
12	14.43	Providing and laying polished kota stone slab flooring over 20 mm.(average) thick base of cement mortar 1:6 (1 cement : 6 coarse sand) or L.M. 1:1.5 laid over and jointed with gray cement slurry including rubbing & polishing etc. complete. [A] 25 mm. thick.	sqm	980.00
	14.43	[B] 30 mm. thick.	sqm	1067.00
13	14.44	Providing and laying polished kota stone slab 25 mm thick in risers of steps, dedo and pllars laid on 10 mm thick cement mortar 1:3 (1 cement : 3 coarse sand) and jointed with gray cement slurry including rubbing & polishing etc. complete.	sqm	1038.00

Rate for 2012-13 Rs. (6)	Rate for 2013-14 Rs. (7)	Rate for 2014-15 Rs. (8/)	Rate for 2015-16 Rs. (9)	Rate for 2016-17 Rs. (10)
71.00	72.00	72.00	59.00	
1958.00	2035.00	2035.00	1669.00	
1828.00	1887.00	1887.00	1547.00	
1030.00	1082.00	1082.00	887.00	
1120.00	1179.00	1179.00	967.00	
1094.00	1153.00	1153.00	945.00	

SR. NO.	Item No as per N.B.O	ITEM DESCRIPTION	UNIT	Rate for 2011-12 Rs.
(1)	(2)	(3)	(4)	(5)
14	14.46	Providing & laying rough chiseled dressed stone flooring over 20 mm.(average) thick base of cement mortar 1:5(1 cement : 5 coarse sand) or L.M. 1:1.5 including pointing with cement mortar 1:2 (1 cement:2 stone dust) etc. complete. [A] 25 mm. thick.	sqm	464.00
	14.46	[B] 40 mm. thick.	sqm	551.00
15	14.71	Providing & laying cement concrete flooring 1:2:4 (1 cement : 2 coarse sand : 4 stone aggregate 20 mm. nominal size) laid in one layer finished with a floating coat of neat cement. [A] 40 mm. thick.	sqm	201.00
	14.71	[B] 50 mm. thick.	sqm	233.00
16	14.74	Providing & 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 of neat cement.	cum	3874.00
17	14.81	Providing and laying 20 mm. thick precast cement concrete tiles with aggregate of sizes upto 6 mm. laid in floors, treads of steps & landing on a bed of 20 mm. thick bed of cement mortar 1:6(1 cement:6 coarse sand) or lime mortar 1:1.5 (1 lime putty : 1.5 sand) jointed with neat cement slurry with pigment to match the shade of tiles complete with precast tiles of dark shades using ordinary cement.	sqm	339.00
18	14.87	Extra for rubbing and polishing the precast cement concrete tiles in flooring, skirting or dedo.	sqm	83.00

Rate for 2012-13 Rs. (6)	Rate for 2013-14 Rs. (7)	Rate for 2014-15 Rs. (8/)	Rate for 2015-16 Rs. (9)	Rate for 2016-17 Rs. (10)
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498.00	512.00	512.00	420.00	
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593.00	607.00	607.00	498.00	
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222.00	230.00	230.00	189.00	
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262.00	270.00	270.00	221.00	
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4205.00	4254.00	4254.00	3488.00	
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339.00	339.00	339.00	278.00	
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103.00	114.00	114.00	93.48	
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SR. NO.	Item No as per N.B.O	ITEM DESCRIPTION	UNIT	Rate for 2011-12 Rs.
(1)	(2)	(3)	(4)	(5)
19	14.86	Providing and laying chequered precast cement concrete tiles 22 mm thick with aggregate of sizes upto 6 mm. laid in floors, treads of steps & landing on a bed of 20 mm. thick bed of cement mortar 1:6(1 cement:6 coarse sand) or lime mortar 1:1.5 (1 lime putty : 1.5 sand) jointed with neat cement slurry with pigment to match the shade of tiles complete.	sqm	390.00
20	14.90	Providing and laying brick on edge flooring laid dry grouted with pigments to match the shade of the tiles.	sqm	315.00
21	0.0	Providing and laying Ceramics flooring tiles in flooring, treads of steps & landing on a bed of 12 mm. thick cement mortar 1:3 (1 cement : 3 coarse sand) finished with flush pointing in white cement.	sqm	812.00
22	0.0	Providing and laying Ceramics flooring tiles in skirting, risers of steps and dedo on 10 mm. thick cement plaster 1:3 (1 cement : 3 coarse sand) & jointed with white cement slurry.	sqm	824.00
23	0.0	Providing and laying Granite slab (18 mm thick) one side polished 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	sqm	2958.00
23A	0.0	Providing and laying polished granite stone slab 18 mm thick in risers of steps, dedo and pillars laid on 10 mm thick cement mortar 1:3 (1 cement : 3 coarse sand) and jointed with gray cement slurry including rubbing & polishing etc. complete.	sqm	

Rate for 2012-13 Rs. (6)	Rate for 2013-14 Rs. (7)	Rate for 2014-15 Rs. (8/)	Rate for 2015-16 Rs. (9)	Rate for 2016-17 Rs. (10)
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411.00	419.00	419.00	344.00
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396.00	417.00	417.00	342.00
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822.00	850.00	850.00	697.00
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834.00	865.00	865.00	709.00
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3198.00	3259.00	3259.00	2672.00
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3222.00	3281.00	3281.00	2690.00
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SR. NO.	Item No as per N.B.O	ITEM DESCRIPTION	UNIT	Rate for 2011-12 Rs.
(1)	(2)	(3)	(4)	(5)
24	0.0	Providing and laying 24" x 24" Vitrified 8 mm thick tile flooring over 20 mm (average) base of cement mortar 1:6 (1 cement : 6 coarse sand) or L.M 1:1.5 laid on new surface or fixing on existing flooring by adhesive material including dismantling of existing flooring and jointed with colour cement slurry including finished with flush pointing & cleaning the surface etc.complete For light shade	sqm	1002.00
24A	0.0	Providing and laying light shade vitrified tiles 8 mm to 10 mm thick in skirting, risers of steps and dedo on 10 mm. thick cement plaster 1:3 (1 cement : 3 coarse sand) & jointed with white cement slurry.	sqm	
25A	0.0	Providing and laying 36" x 36" Vitrified 8 mm thick tile flooring over 20 mm (average) base of cement mortar 1:6 (1 cement : 6 coarse sand) or L.M 1:1.5 laid on new surface or fixing on existing flooring by adhesive material including dismantling of existing flooring and jointed with colour cement slurry including finished with flush pointing & cleaning the surface etc.complete For light shade	sqm	1233.00
25B	0.0	Providing and laying 24" x 24" Vitrified 8 mm thick tile flooring over 20 mm (average) base of cement mortar 1:6 (1 cement : 6 coarse sand) or L.M 1:1.5 laid on new surface or fixing on existing flooring by adhesive material including dismantling of existing flooring and jointed with colour cement slurry including finished with flush pointing & cleaning the surface etc.complete For dark shade		1066.00

Rate for 2012-13 Rs.	Rate for 2013-14 Rs.	Rate for 2014-15 Rs.	Rate for 2015-16 Rs.	Rate for 2016-17 Rs.
(6)	(7)	(8/)	(9)	(10)

936.00	912.00	912.00	748.00
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995.00	972.00	972.00	797.00
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1548.00	1577.00	1577.00	1293.00
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1011.00	977.00	977.00	801.00
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SR. NO.	Item No as per N.B.O	ITEM DESCRIPTION	UNIT	Rate for 2011-12 Rs.
(1)	(2)	(3)	(4)	(5)
25C	0.0	Providing and laying 24" x 24" Vitrified 8 mm thick tile flooring over 20 mm (average) base of cement mortar 1:6 (1 cement : 6 coarse sand) or L.M 1:1.5 laid on new surface or fixing on existing flooring by adhesive material including dismantling of existing flooring and jointed with colour cement slurry including finished with flush pointing & cleaning the surface etc.complete For Antiskid	sqm	1193.00
25D	0.0	Providing and laying dark shade vitrified tiles 8 mm to 10 mm thick in skirting, risers of steps and dedo on 10 mm. thick cement plaster 1:3 (1 cement : 3 coarse sand) & jointed with white cement slurry.	sqm	
26	0.0	Providing & laying precast terrazo tiles of 22 mm. thick with white black or white and black or of the colour specified in the specification tender item marble chips of sizes from 6 mm to 12 mm in floors, treads of steps and landings on 25 mm average thickness of lime mortar 1:1.5 (1 lime putty : 1.5 sand) or cement mortar 1:6 (1 cement : 6 coarse sand) jointed with neat cement slurry mixed with pigment to match the shade of tiles including rubbing & polishing complete with precast tile of [A] Light shades using white cement.	sqm	498.00
		[C] Dark shades using ordinary cement.	sqm	439.00

Rate for 2012-13 Rs. (6)	Rate for 2013-14 Rs. (7)	Rate for 2014-15 Rs. (8/)	Rate for 2015-16 Rs. (9)	Rate for 2016-17 Rs. (10)
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1202.00

1231.00

1231.00

1009.00

1072.00

1039.00

1039.00

852.00

523.00

541.00

541.00

444.00

462.00

475.00

475.00

390.00

SR. NO.	Item No as per N.B.O	ITEM DESCRIPTION	UNIT	Rate for 2011-12 Rs.
(1)	(2)	(3)	(4)	(5)
27	0.0	Providing & laying precast terrazo tiles of 27 mm to 28 mm thick with white black or white and black or of the colour specified in the specification tender item marble chips of sizes from 6 mm to 12 mm in floors, treads of steps and landings on 25 mm average thickness of lime mortar 1:1.5 (1 lime putty : 1.5 sand) or cement mortar 1:6 (1 cement : 6 coarse sand) jointed with neat cement slurry mixed with pigment to match the shade of tiles including rubbing & polishing complete with precast tile of [A] Light shades using white cement.	sqm	509.00
		[C] Dark shades using ordinary cement.	sqm	443.00
28	0.0	Providing and fixing pre-cast concrete kerb stone of gray cement based concrete block 30cm length,30cm height and 15cm thick of M250 grade concret as per approved design and including excavation for fixing in proper line and level,filling the joint with C:M 1:3 (1cement:3fine sand) etc complete.	Rmt	-
29	0.0	Providing and fixing pre-cast Rubber Dye inter locking concrete block 60mm thick with grade of concrete M200 pneumatic compressed by mechanically pressed and as per approved design including 75mm Sand layer for levelling and filling the joint with sand in proper line and level etc complete.	Sqm	-

Rate for 2012-13 Rs. (6)	Rate for 2013-14 Rs. (7)	Rate for 2014-15 Rs. (8/)	Rate for 2015-16 Rs. (9)	Rate for 2016-17 Rs. (10)
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533.00

551.00

551.00

452.00

466.00

479.00

479.00

393.00

290.00

292.00

292.00

313.00

570.00

591.00

591.00

607.00

SR. NO.	Item No as per N.B.O	ITEM DESCRIPTION	UNIT	Rate for 2011-12 Rs.
(1)	(2)	(3)	(4)	(5)
30	0.0	Providing and fixing pre-cast Rubber Dye inter locking concrete block 60mm thick with grade of concrete M250 pneumatic compressed by mechanically pressed and as per approved design including 75mm Sand layer for levelling and filling the joint with sand in proper line and level etc complete.	Sqm	-
31	0.0	Providing and laying broken chine mosaic flooring for terrace using 12 mm to 20 mm broken pieces of glazed tiles to be laid over cement mortar 1:3 to plain or slope and to be tempered to bring mortar creme out upto surface using	Sqm	-

CHAPTER : 15 : ROOF COVERING

1	15.1	Providing corrugated G.I sheets with iron J or L hooks, bolts & nuts 8 mm. diameter with bitumen & G.I.limpet ashers.Filled with white lead complete excluding the cost of purlins, rafters and trusses. (I) 0.80 mm. thick sheet.	sqm	783.00
2	15.7	Providing ridges or hips 600 mm overall in plain G.I sheet fixed with G.I J or L hooks, bolts and nuts 8 mm diameter, G.I limpet and bitumen washer complete. (I) 0.80 mm thick sheet.	m	484.00
3	15.8	Providing valley 900 mm overall in plain 1.6 mm thick G.I sheet fixed with G.I J or L hooks, bolts and nuts 8 mm diameter G.I impet and bitumen washers complete.	m	944.00

Rate for 2012-13 Rs. (6)	Rate for 2013-14 Rs. (7)	Rate for 2014-15 Rs. (8/)	Rate for 2015-16 Rs. (9)	Rate for 2016-17 Rs. (10)
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633.00

643.00

643.00

671.00

377.00

424.00

424.00

479.00

896.00

899.00

899.00

764.00

543.00

553.00

553.00

470.00

1071.00

1082.00

1082.00

920.00

SR. NO.	Item No as per N.B.O	ITEM DESCRIPTION	UNIT	Rate for 2011-12 Rs.
(1)	(2)	(3)	(4)	(5)
4	15.20	Providing asbestos cement sheet roofing fixed with G.I plain and bitumen washer complete excluding the cost of purlins, rafters and trusses (A) Corrugated sheet (I) 7 mm thick.	sqm	350.00
	15.20	(A) Corrugated sheet (II) 6 mm thick.	sqm	337.00
5	15.10	Providing and fixing 150 mm wide 450 mm over all semi circular plain G.I sheet class - 3 Gutter with iron bracket 40 mm x 3 mm size bolts, nuts washers etc. including making necessary connection with rain water pipes. (I) 0.80 mm thick	m	448.00
6	15.25	Providing and fixing ridges and hips in asbestos cement sheet roofing with G.I J or L hooks, bolts & nuts 8 mm diameter G.I plain and bitumen washers complete (D) North light adjustable ridge.	m	138.00
7	15.26	Filling cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 12.5 mm nominal size) in gaps of A.C sheet corrugation and wings of ridges.	m	22.00
8	15.27	Providing and fixing asbestos cement roofing accessories with galvanised iron J or L hooks, bolts and nuts, G.I plain and bitumen washers etc. complete. (III) North light and ventilator curves.	m	356.00
9	15.29	Providing and fixing asbestos cement socketed half round eaves gutter with bolts, nuts, bitumen washers 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.	m	232.00

Rate for 2012-13 Rs. (6)	Rate for 2013-14 Rs. (7)	Rate for 2014-15 Rs. (8/)	Rate for 2015-16 Rs. (9)	Rate for 2016-17 Rs. (10)
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375.00	DELETED	DELETED	DELETED
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360.00	DELETED	DELETED	DELETED
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480.00	488.00	488.00	415.00
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146.00	149.00	149.00	127.00
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24.00	24.00	24.00	20.20
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382.00	DELETED	DELETED	DELETED
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248.00	DELETED	DELETED	DELETED
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SR. NO.	Item No as per N.B.O	ITEM DESCRIPTION	UNIT	Rate for 2011-12 Rs.
(1)	(2)	(3)	(4)	(5)
	15.29	(II) 300 mm nominal size.	m	250.00
10	15.51	Providing and fixing tiled roofing with manglore tiles including teak repers of sizes 50 mm x 25 mm	sqm	173.00
11	15.75	Providing and fixing five course water proofing treatment with bitumen felt consisting of second and forth course of blown bitumen or and residual bitumen applied hot at 1.2 Kg. per Sqmt. of area for each course and first course with fiber base bitumen saturated under lay type and third course with fiber base self finished felt type 2 grade and fifth and final course of stone grit 6mm. and down size or pea sized gravel spread at 0.008 Cmt. / Smt.including preparation of surface excluding grading complete.	sqm	347.00
12	15.87	Providing & fixing on wall face C.I rain water pipe including filling the joints with spun yarn soaked in neat cement slurry and cement mortar 1:2(1 cement : 2 fine sand) (A) 75 mm diameter.	m	209.00
13	15.88	Providing and fixing M.S holder bat clamps of approved design to C.I or S.C.I pipes embedded in and including cement concrete blocks 10 mm x 100 mm x 100 mm size of 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) & cost of cutting holes and making good the wall etc. complete (A) 75 mm diameter.	Each	72.00

Rate for 2012-13 Rs.	Rate for 2013-14 Rs.	Rate for 2014-15 Rs.	Rate for 2015-16 Rs.	Rate for 2016-17 Rs.
(6)	(7)	(8/)	(9)	(10)

267.00 DELETED DELETED DELETED

183.00 193.00 193.00 164.00

363.00 369.00 369.00 314.00

210.00 215.00 215.00 183.00

79.00 85.00 85.00 72.00

SR. NO.	Item No as per N.B.O	ITEM DESCRIPTION	UNIT	Rate for 2011-12 Rs.
(1)	(2)	(3)	(4)	(5)
14	15.90	Providing, fixing & embedding sand, C.I rain water pipes in the masinry surrounded with 12 mm thick cement mortar of the same mix as that of masonry. (A) 75 mm diameter pipe.	m	209.00
15	15.93	Providing and fixing on wall face asbestos cement rain water pipe including jointing with spun yarn soaked in bitumen and cement mortar 1:2 (1 cement : 2 coarse sand) complete. (B) 80 mm diameter.	m	84.00
	15.93	(C) 100 mm diameter.	m	102.00
16	15.94	Providing and fixing for wall plugs and standard hold bat clamps comprising of two semicircular halves of flat iron and cast iron base screwed on wooden plugs. (B) 80 mm diameter.	Each	46.00
	15.94	(C) 100 mm diameter.	Each	52.00
17	15.95	Providing and fixing on wall face asbestos cement fittings for rain water pipe including jointing with spun yarn soked in bitumen and cement mortar 1:2 (1 cement : 2 coarse sand). (A) Bend of required degree (3) 80 mm diameter without door.	Each	26.00
	15.95	(A) Bend of required degree (5) 100 mm diameter without door.	Each	29.00
	15.95	(B) Offsets 50 mm (5) 80 mm diameter.	Each	31.00
	15.95	(B) Offsets 50 mm (5) 100 mm diameter.	Each	36.00
	15.95	(C) Offsets 75 mm (2) 80 mm diameter.	Each	31.00
	15.95	(C) Offsets 75 mm (3) 100 mm diameter.	Each	37.00

Rate for 2012-13 Rs.	Rate for 2013-14 Rs.	Rate for 2014-15 Rs.	Rate for 2015-16 Rs.	Rate for 2016-17 Rs.
(6)	(7)	(8/)	(9)	(10)

210.00	215.00	215.00	183.00
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86.00	DELETED	DELETED	DELETED
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105.00	DELETED	DELETED	DELETED
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46.00	49.00	49.00	42.00
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54.00	56.00	56.00	48.00
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27.00	DELETED	DELETED	DELETED
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30.20	DELETED	DELETED	DELETED
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32.00	DELETED	DELETED	DELETED
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37.10	DELETED	DELETED	DELETED
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32.00	DELETED	DELETED	DELETED
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38.00	DELETED	DELETED	DELETED
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SR. NO.	Item No as per N.B.O	ITEM DESCRIPTION	UNIT	Rate for 2011-12 Rs.
(1)	(2)	(3)	(4)	(5)
	15.95	(J) Junction equal angle (3) 80 mm diameter without door.	Each	39.00
	15.95	(J) Junction equal angle (5) 100 mm diameter without door.	Each	49.00
	15.95	(K) Junction equal double angle (3) 80 mm diameter without door.	Each	42.00
	15.95	(K) Junction equal double angle (5) 100 mm diameter without door.	Each	46.00
	15.95	(L) Standard shoe (2) 80 mm diameter.	Each	36.00
	15.95	(L) Standard shoe (3) 100 mm diameter.	Each	39.00
18	0.0	Providing and Fixing 6 mm thick Lexan Polycarbonate multi wall roofing sheet fixed with hilti screw and rubber silicon sealer and alluminium strip of size 50 x 3 mm etc complete as directed by Engineer in charge.	Sqm	-

CHAPTER : 16 : CEILING AND LINING

1	16.3	Providing and fixing wooden planks ceiling with tounge & grooved jointing and wood screws (frame work and cover fillets to be measured and paid separately) (A) Indian teak wood. (I) 12 mm thick.	sqm	880.00
	16.3	(A) Indian teak wood. (II) 20 mm thick.	sqm	1391.00
2	16.3	Providing and fixing wooden planks ceiling with tounge & grooved jointing and wood screws (frame work and cover fillets to be measured and paid separately) (A) Indian teak wood. (III) 25 mm thick.	sqm	1711.00

Rate for 2012-13 Rs.	Rate for 2013-14 Rs.	Rate for 2014-15 Rs.	Rate for 2015-16 Rs.	Rate for 2016-17 Rs.
(6)	(7)	(8/)	(9)	(10)

42.00 DELETED DELETED DELETED

51.00 DELETED DELETED DELETED

44.00 DELETED DELETED DELETED

49.00 DELETED DELETED DELETED

37.10 DELETED DELETED DELETED

42.00 DELETED DELETED DELETED

1693.00 1693.00 1693.00 1685.00

1035.00 1120.00 1120.00 952.00

1649.00 1785.00 1785.00 1517.00

2033.00 2200.00 2200.00 1870.00

SR. NO.	Item No as per N.B.O	ITEM DESCRIPTION	UNIT	Rate for 2011-12 Rs.
(1)	(2)	(3)	(4)	(5)
	16.3 A	Deduct for butt jointing in place of touged and grooved type joint in item 16.3	sqm	20.60
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) (I) 12 mm thick.	sqm	277.00
	16.4	(II) 18 mm thick.	sqm	393.00
	16.4	(III) 25 mm thick.	sqm	496.00
4	16.13	Providing and fixing plywood lining with butt jointing and nails (frame work and cover fillets to be measured and paid separately) (I) 6 mm thick ply.	sqm	281.00
	16.13	(II) 9 mm thick ply.	sqm	397.00
5	16.21	Providing and fixing plain asbestos sheet with butt jointing and wood screws (frame work and cover fillets to be measured and paid separately) (I) Class-A 6.5 mm thick	sqm	338.00
	16.21	(II) Class-B 5 mm thick	sqm	325.00

Rate for 2012-13 Rs. (6)	Rate for 2013-14 Rs. (7)	Rate for 2014-15 Rs. (8/)	Rate for 2015-16 Rs. (9)	Rate for 2016-17 Rs. (10)
25.60	28.10	28.10	23.89	
291.00	293.00	293.00	249.00	
411.00	414.00	414.00	352.00	
521.00	523.00	523.00	445.00	
294.00	297.00	297.00	252.00	
416.00	437.00	437.00	371.00	
354.00	DELETED	DELETED	DELETED	
341.00	DELETED	DELETED	DELETED	

SR. NO.	Item No as per N.B.O	ITEM DESCRIPTION	UNIT	Rate for 2011-12 Rs.
(1)	(2)	(3)	(4)	(5)

<p>Providing and fixing eco-friendly light weight calcium silicate false ceiling tiles having Tegular edge & 15 mm Thick Densified edges on the Tile Periphery for Extra Strength The Light weight calcium silicate ceiling tiles shall have , light reflection 85% non-combustible as per B.S. 476 part IV, 100% humidity resistance and also having thermal conductivity 0.043° w/m KC.for the best thermal Insulation . The Light weight calcium Silicate tile shall be of approved texture Fine fissured/ Spintone/Cosmos having NRC value of 0.5 & Globe having NRC value of 0.75 NRC or equivalent of size 595 X 595 mm to be laid on true horizontal level suspended inter locking metal grid of hot dipped galvanized steel sections (galvanizing @120 grams per sqm including both side) consisting of main ‘T’ runner suitably spaced at joints to get required length and size of 24X38mm made from 0.30 mm thick (minimum) sheet, 1200mm centre to centre, and cross ‘T’ of size 24X28mm made out of 0.33mm (Minimum) sheet spaced 1200mm along spaced badded in case of Ready Mix</p>	<p>sqm</p>	<p>-----</p>
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Rate for 2012-13 Rs. (6)	Rate for 2013-14 Rs. (7)	Rate for 2014-15 Rs. (8/)	Rate for 2015-16 Rs. (9)	Rate for 2016-17 Rs. (10)
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1730.00

SR. NO.	Item No as per N.B.O	ITEM DESCRIPTION	UNIT	Rate for 2011-12 Rs.
(1)	(2)	(3)	(4)	(5)

	Providing and fixing single layer waterproof gypusm board 12.5 mm thick of the make Newgood Group Co. Ltd. or equivalent & Newgood Group Co. Ltd. company sections using waterproof board of size 1220 mm x 1830 mm x 8.0 mm suspended by G.I suapender of size 25 mm x 3 mm with intermediate channel of size 18 mm x 40 mm x 0.80 mm at 1220 mm center to center ceiling section of size 40 mm x 35 mm x 0.55 mm at 457 mm center to center and perimetre chanel A of size 20 mm x 27 mm x 30 mm x 0.50 mm at edges & drops including paper tap sand sofit cleat, anchor fastener, scoch bolt connecting cleat joining compound top coat on ceiling including making necessary opening for light fitting, diffuser etc. complete as per detail drawing as directed.	sqm	-----
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CHAPTER : 17 : PLASTERING AND POINTING

1	17.58	Providing 10 mm. thick cement plaster in single coat on brick/concrete wall for interior plastering upto floor two level finished even and smooth in [I] Cement mortar 1:3 (1 cement : 3 fine sand)	sqm	74.00
	17.58	[II] Cement mortar 1:4 (1 cement : 4 fine sand)	sqm	66.00
	17.58	[III] Cement mortar 1:6 (1 cement : 6 fine sand)	sqm	57.00
3	17.60	Providing 15 mm. thick cement plaster in single coat on fair side of brick wall for interior plastering upto floor two level finished even and smooth in [I] Cement mortar 1:3 (1 cement : 3 fine sand)	sqm	104.00

Rate for 2012-13 Rs. (6)	Rate for 2013-14 Rs. (7)	Rate for 2014-15 Rs. (8/)	Rate for 2015-16 Rs. (9)	Rate for 2016-17 Rs. (10)
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704.00

87.00

91.00

91.00

80.99

77.70

81.83

81.83

72.83

68.00

73.00

73.00

64.97

120.00

125.00

125.00

111.00

SR. NO.	Item No as per N.B.O	ITEM DESCRIPTION	UNIT	Rate for 2011-12 Rs.
(1)	(2)	(3)	(4)	(5)
	17.60	[II] Cement mortar 1:4 (1 cement : 4 fine sand)	sqm	91.00
	17.60	[III] Cement mortar 1:6 (1 cement : 6 fine sand)	sqm	78.00
4	17.61	Providing 20 mm. thick cement plaster in single coat on 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 fine sand)	sqm	128.00
	17.61	[II] Cement mortar 1:4 (1 cement : 4 fine sand)	sqm	111.00
	17.61	[III] Cement mortar 1:6 (1 cement : 6 fine sand)	sqm	94.00
5	17.61B	Providing 20 mm thick double coat mala cement plaster on interior brick / concrete work for plastering comprising of base coat of 12 mm thick cement plaster in cement mortar (1 Cement : 4 coarse sand) in rough finishing and 8 mm thick top coat of cement mortar 1:2 (1 Cement : 2 Coarse sand) finished with trowel including scaffolding curing etc. complete.	sqm	-
6	17.69	Extra over items 17.58 to 17.64 for finishing with a floating coat of neat cement slurry.	sqm	27.00
7	17.70	(A) Extra over items 17.58 to 17.67 for providing and mixing water proofing of 50 kg of material in cement mortar in proportion cement used recommended by the manufactures. in mix	sqm per bag	49.00

Rate for 2012-13 Rs.	Rate for 2013-14 Rs.	Rate for 2014-15 Rs.	Rate for 2015-16 Rs.	Rate for 2016-17 Rs.
(6)	(7)	(8/)	(9)	(10)

106.00	111.00	111.00	98.79
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92.00	98.00	98.00	87.22
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149.00	154.00	154.00	137.00
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130.30	136.17	136.17	121.00
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112.00	118.00	118.00	105.00
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-	151.00	151.00	173.00
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31.00	33.00	33.00	39.00
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49.00	49.00	49.00	43.61
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SR. NO.	Item No as per N.B.O	ITEM DESCRIPTION	UNIT	Rate for 2011-12 Rs.
(1)	(2)	(3)	(4)	(5)
8	17.91	Extra over items No 17.58 to 17.71 for plastering on ceilings and soffits of stairs upto floor two level instead of plastering on walls.	sqm	7.00
9	17.94	Extra over items 1 to 69, 71 to 87 and 90 sqm x No of for interior plastering above floor two level storey for every additional storey height. (1) Single coat plaster.		6.80
	17.94	(2) Two coat plaster.	sqm x No of storey	9.60
	17.94	(3) Floating coat of neat cement.	sqm x No of storey	1.80
10	17.93	Extra over items 91 for plastering on ceiling and soffits of stairs above floor two level for every additional storey height.	sqm	11.00
11	17.95	20 mm. thick sand face cement plaster on walls upto 10 meters above ground level consisting of 12 mm. thick backing coat of C.M. 1:3 (1 cement : 3 sand) and 8 mm. thick finishing coat of C.M. 1:1 (1 cement : 1 sand) etc. complete.	sqm	179.00
12	17.116	Pointing on brick work with cement mortar 1:3 (1 cement : 3 coarse sand) (A) Flush pointing.	sqm	50.00
	17.116	(B) Ruled pointing.	sqm	52.00
13	17.117	Pointing on brick work with cement mortar 1:4 (1 cement : 4 coarse sand) (A) Flush pointing.	sqm	48.00
	17.117	(B) Ruled pointing.	sqm	49.00

Rate for 2012-13 Rs. (6)	Rate for 2013-14 Rs. (7)	Rate for 2014-15 Rs. (8/)	Rate for 2015-16 Rs. (9)	Rate for 2016-17 Rs. (10)
8.80	9.60	9.60	15.60	
9.20	10.10	10.10	14.70	
11.00	12.00	12.00	16.80	
2.00	2.00	2.00	3.00	
13.35	14.62	14.62	13.40	
205.60	212.30	212.30	189.00	
60.00	65.00	65.00	58.00	
62.55	67.47	67.47	60.00	
58.00	63.00	63.00	56.00	
60.00	65.00	65.00	57.85	

SR. NO.	Item No as per N.B.O	ITEM DESCRIPTION	UNIT	Rate for 2011-12 Rs.
(1)	(2)	(3)	(4)	(5)
14	17.140	Pointing on coursed stone masonry with cement mortar 1:3 (1 cement : 3 coarse sand) (A) Flush pointing.	sqm	46.00
	17.140	(B) Ruled pointing.	sqm	47.00
15	17.144	Pointing on uncoursed stone masonry with cement mortar 1:3 (1 cement : 3 coarse sand) (A) Flush pointing.	sqm	54.00
	17.144	(B) Ruled pointing.	sqm	56.00
16	17.154	Extra over item 17.112 to 17.151 for pointing on walls on the out side at height more than 10 meters from ground level for every additional height of 5 meters or part thereof.	sqm	2.00
17	0.0	Providing cement vata (10 cm x 10 cm size) quarter round in cement mortar 1:1 including neat cement finishing, watering etc. complete.	m	18.00

CHAPTER : 18 : WHITE WASHING, COLOUR WASHING, DISTEMPERING AND OTHER FINISHES

1	18.11	White washing with lime on wall surfaces (two coats) to give an even shade including thoroughly brooming the surface to remove all dirt, dust, mortar drops & other foreign matter.	sqm	4.50
2	18.12	White washing with lime on wall surfaces (one coats) to give an even shade including thoroughly brooming the surface to remove all dirt, dust, mortar drops & other foreign matter.	sqm	2.00

Rate for 2012-13 Rs. (6)	Rate for 2013-14 Rs. (7)	Rate for 2014-15 Rs. (8/)	Rate for 2015-16 Rs. (9)	Rate for 2016-17 Rs. (10)
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55.30	59.80	59.80	53.22
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57.00	62.00	62.00	55.18
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65.70	71.30	71.30	63.46
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68.20	74.00	74.00	65.86
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2.00	2.00	2.00	4.10
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20.00	20.00	20.00	17.80
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5.00	5.60	5.60	7.80
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2.40	2.60	2.60	3.60
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SR. NO.	Item No as per N.B.O	ITEM DESCRIPTION	UNIT	Rate for 2011-12 Rs.
(1)	(2)	(3)	(4)	(5)
3	18.13	Extra over items 11 and 12 for every subsequent coat of white washing with lime on wall surfaces.	sqm	2.00
4	18.14	Extra over items 11 for white washing with lime on ceiling and/or slopping roofs.	sqm	0.40
5	18.15	Extra over items 12 for white washing with lime on ceiling and slopping roofs.	sqm	0.16
6	18.16	Extra over items 13 for for every subsequent coat of white washing with lime on ceiling and/or slopping roofs.	sqm	0.16
7	18.17	Colour washing with lime on wall surfaces (two coat) to give an even shade including thoroughly brooming the surface to remove all dirt, dust, mortar drops & loose scales of lime wash and other foreign matter.	sqm	4.60
8	18.18	Colour washing with lime on wall surfaces (one coat) to give an even shade including thoroughly brooming the surface to remove all dirt, dust, mortar drops & loose scales of lime wash and other foreign matter.	sqm	2.80
9	18.19	Extra over item 17 & 18 for every subsequent coat of colour wash with lime on wall surfaces.	sqm	2.80
10	18.20	Extra over item 17 for colour washing on ceiling and/or slopping roofs.	sqm	0.60
11	18.21	Extra over item 18.19 for colour washing on ceiling and slopping roofs.	sqm	0.60

Rate for 2012-13 Rs. (6)	Rate for 2013-14 Rs. (7)	Rate for 2014-15 Rs. (8/)	Rate for 2015-16 Rs. (9)	Rate for 2016-17 Rs. (10)
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2.40	2.60	2.60	3.60
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0.40	0.45	0.45	0.68
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0.20	0.20	0.20	0.34
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0.20	0.20	0.20	0.34
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5.20	5.60	5.60	7.80
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3.20	3.50	3.50	5.00
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3.20	3.50	3.50	5.00
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0.80	0.90	0.90	1.40
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0.80	0.90	0.90	1.30
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SR. NO.	Item No as per N.B.O	ITEM DESCRIPTION	UNIT	Rate for 2011-12 Rs.
(1)	(2)	(3)	(4)	(5)
12	18.29	Cement washing portland cement slurry on wall surfaces (one coat) to give an even shade including thoroughly brooming the surface to remove all dirt, dust, mortar drops & loose scales of lime wash and other foreign matter.	sqm	4.00
13	18.30	Extra over item no 29 for every subsequent coat of cement washing with portlane cement slurry.	sqm	4.00
14	18.33	Removing dry or oil bound distemper by ashing and scrapping and sand papering the wall surface smooth including necessary repairs to scratches complete.	sqm	3.50
15	18.34	Extra over item 33 for removing dry oil bound distemper on ceiling and slopping roof.	sqm	0.40
16	18.38	Distempering with dry distemper of approved brand & manufacture (two coats) and of required shade on wall surfaces to give an even shade over & including priming coat of whitening after thoroughly brooming the surface free from mortar dropping & other foreign matter.	sqm	29.00
17	18.39	Distempering with dry distemper of approved brand & manufacture (one coat) and of required shade on wall surfaces to give an even shade over & including priming coat of whitening after thoroughly brushing the surface clean of all grease, dirt, loose pieces of scales including papering the surface even and sand papered smooth.	sqm	10.20

Rate for 2012-13 Rs. (6)	Rate for 2013-14 Rs. (7)	Rate for 2014-15 Rs. (8/)	Rate for 2015-16 Rs. (9)	Rate for 2016-17 Rs. (10)
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4.80	5.20	5.20	7.40
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4.80	5.20	5.20	7.40
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4.30	4.80	4.80	7.10
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0.60	0.70	0.70	1.00
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31.80	34.30	34.30	30.00
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10.30	10.90	10.90	9.00
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SR. NO.	Item No as per N.B.O	ITEM DESCRIPTION	UNIT	Rate for 2011-12 Rs.
(1)	(2)	(3)	(4)	(5)
18	18.40	Extra over items of 38 & 39 for every subsequent coat of distempering with dry distemper of approved brand and manufacture.	sqm	6.80
19	18.41	Extra over items of 38 for every subsequent coat of distempering with dry distemper on ceiling and sloping roofs.	sqm	2.00
20	18.42	Extra over items of 39, 40 for distempering with dry distemper on ceiling and sloping roofs.	sqm	0.50
21	18.44	Distempering (two coats) with oil bound distemper of approved brand & manufacture and of required shade on wall surfaces to give an even shade over & including priming coat with distemper primer of approved brand after thoroughly brushing the surface free from mortar dropping & other foreign matter and also preparing the surface even and smooth..	sqm	51.90
22	18.45	Distempering (two coats) with oil bound washable distemper of approved brand & manufacture and of required shade on wall surfaces to give an even shade over & including priming coat with alkali resistance primer of approved brand after thoroughly brushing the surface free from mortar dropping & other foreign matter and also preparing the surface even and smooth..	sqm	51.90

Rate for 2012-13 Rs. (6)	Rate for 2013-14 Rs. (7)	Rate for 2014-15 Rs. (8/)	Rate for 2015-16 Rs. (9)	Rate for 2016-17 Rs. (10)
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6.90	7.30	7.30	9.10	
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2.50	2.80	2.80	4.10	
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0.65	0.71	0.71	1.00	
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52.20	55.50	55.50	48.00	
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52.20	55.50	55.50	48.00	
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SR. NO.	Item No as per N.B.O	ITEM DESCRIPTION	UNIT	Rate for 2011-12 Rs.
(1)	(2)	(3)	(4)	(5)
23	18.46	Distempering (one coat) with oil bound washable distemper of approved brand & manufacture and of required shade on wall surfaces to give an even shade after thoroughly brushing the surface clean of all grease, dirt, loose pieces of scales & also including distempering with oil bound washable distemper of preparing the surface even and smooth.	sqm	20.60
24	18.47	Extra over items 44 to 46 for every subsequent coat of approved brand and manufacture.	sqm	16.70
25	18.48	Extra over items 44, 45 for distempering with oil bound washable distemper on ceiling and sloping of roofs.	sqm	2.50
26	18.49	Extra over items 46, 47 for every subsequent coat of distempering on ceiling and sloping of roofs.	sqm	1.00
27	18.51	Finishing wall with water proofing cement paint on wall surfaces (two coats) to give an approved brand and manufacturer & required shape even shade after thoroughly brushing the surface to remove all dirt & remains of loose powdered materials.	sqm	38.30
28	18.53	Extra over item 51 for every subsequent coat of water proofing cement paint of approved brand and manufacture	sqm	14.90
29	18.54	Extra over item 51 for finishing with cement paint on ceiling and sloping roofs.	sqm	2.00
30	18.56	Extra over item 53 for every subsequent coat of finishing with cement paint on ceilings and sloping roofs.	sqm	1.00

Rate for 2012-13 Rs. (6)	Rate for 2013-14 Rs. (7)	Rate for 2014-15 Rs. (8/)	Rate for 2015-16 Rs. (9)	Rate for 2016-17 Rs. (10)
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20.80

22.00

22.00

19.00

16.80

17.70

17.70

19.10

3.10

3.50

3.50

5.10

1.26

1.38

1.38

2.00

39.00

41.50

41.50

36.00

15.00

16.00

16.00

20.20

2.50

2.80

2.80

4.10

1.30

1.40

1.40

2.00

SR. NO.	Item No as per N.B.O	ITEM DESCRIPTION	UNIT	Rate for 2011-12 Rs.
(1)	(2)	(3)	(4)	(5)
31	18.57	Wall painting (two coats) with plastic emulsion paint of approved brand & manufacture on under coated wall surface to give an even shade including thoroughly brushing the surface free from mortar droppings and other foreign matter and sand papered smooth.	sqm	54.70
32	18.59	Extra for item 57 for every subsequent coat of wall painting with plastic emulsion paint of approved brand and manufacture.	sqm	23.10
33	18.60	Extra for item 57 for painting with plastic emulsion paint of approved brand and manufacture on ceilings and sloping roofs.	sqm	1.70
34	18.62	Extra for item 59 for every subsequent coat of painting with plastic emulsion paint on ceilings and sloping roofs.	sqm	0.70
35	0.0	Finishing wall with weather proof exterior emulsion paint on wall surface (two coats) to give an required shape even shade after thoroughly brushing the surface to remove all dirt, and remains of loose powdered materials.etc complete	Sqm	-
36	0.0	Applying two coats of Birla or Asian acrylic lapy (putty) & two coats of primer of approved brand and manufacture on new wall surface to give an even shade including thoroughly brushing the surface free from mortar dropping and other foreign matter and sand papered smooth.	Sqm	-

Rate for 2012-13 Rs. (6)	Rate for 2013-14 Rs. (7)	Rate for 2014-15 Rs. (8/)	Rate for 2015-16 Rs. (9)	Rate for 2016-17 Rs. (10)
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54.90	57.20	57.20	50.00
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23.20	24.20	24.20	28.00
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2.10	2.30	2.30	3.40
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0.86	0.94	0.94	1.40
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72.00	75.00	75.00	65.00
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41.00	41.00	41.00	36.00
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SR. NO.	Item No as per N.B.O	ITEM DESCRIPTION	UNIT	Rate for 2011-12 Rs.
(1)	(2)	(3)	(4)	(5)

CHAPTER : 19 : PAINTING AND POLISHING

1	19.2	Applying priming coat over new steel and other metal surfaces after and including preparing the surface by thoroughly cleaning oil, grease dirt and other foreign matter & scoured with brushes fine steel, wood, scrapers and sand papers with ready mixed priming paint brushing red lead.	sqm	23.10
2	19.7	Painting two coats (excluding priming coat) over new steel and other metal surfaces with enamel paint, brushing, interior to give an even shade including cleaning the surface of all dirt, dust and other foreign matter.	sqm	59.00
3	19.11	Painting one coats (excluding priming coat) on previously painted steel and other metal surfaces with enamel paint, brushing, interior to give an even shade including cleaning the surface of all dirt, dust and other foreign matter.	sqm	37.10
4	19.15	Extra over item 7 and 11 for every subsequent coat of paint.	sqm	34.70
5	19.19	Painting two coats (excluding priming coat) over new steel and other metal surfaces with synthetic enamel paint, brushing, interior to give an even shade including cleaning the surface of all dirt, dust and other foreign matter.	sqm	49.30

Rate for 2012-13 Rs.	Rate for 2013-14 Rs.	Rate for 2014-15 Rs.	Rate for 2015-16 Rs.	Rate for 2016-17 Rs.
(6)	(7)	(8/)	(9)	(10)

23.20	24.50	24.50	22.00
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59.00	62.00	62.00	55.00
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37.30	38.80	38.80	35.00
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34.80	36.00	36.00	39.00
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49.40	50.70	50.70	45.00
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SR. NO.	Item No as per N.B.O	ITEM DESCRIPTION	UNIT	Rate for 2011-12 Rs.
(1)	(2)	(3)	(4)	(5)
6	19.21	Painting one coats (excluding priming coat) on previously painted steel and other metal surfaces with synthetic enamel paint, brushing, interior to give an even shade including cleaning the surface of all dirt, dust and other foreign matter.	sqm	29.80
7	19.23	Extra over item 19 and 21 for every subsequent coat of paint.	sqm	29.80
8	19.50	Painting one 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 anti corrosive to give an even shade including cleaning the surface of all dirt, dust and other foreign matter. (B) 75 mm diameter.	m	12.00
	19.50	(C) 100 mm diameter.	m	15.00
9	19.59	Applying priming coat over new wood and wood based surfaces after including preparing the surface by thoroughly cleaning oil, grease, dirt and other foreign matter, sand papering & knotting (B) ready mixed paint, brushing wood primer pink.	sqm	27.30
	19.59	(D) ready mixed paint, brushing priming for enamel.	sqm	27.30
10	19.62	Extra over item 59 for every subsequent coat of priming coat (B) ready mixed paint, brushing wood primer pink.	sqm	24.80
	19.62	(D) ready mixed paint, brushing priming for enamel.	sqm	24.80

Rate for 2012-13 Rs. (6)	Rate for 2013-14 Rs. (7)	Rate for 2014-15 Rs. (8/)	Rate for 2015-16 Rs. (9)	Rate for 2016-17 Rs. (10)
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29.90	31.20	31.20	28.00	
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29.90	31.20	31.20	35.00	
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13.30	14.40	14.40	13.00	
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16.70	17.90	17.90	16.00	
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27.40	28.70	28.70	26.00	
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27.40	28.70	28.70	26.00	
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24.90	25.90	25.90	29.00	
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24.90	25.90	25.90	29.00	
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SR. NO.	Item No as per N.B.O	ITEM DESCRIPTION	UNIT	Rate for 2011-12 Rs.
(1)	(2)	(3)	(4)	(5)
11	19.71	Painting two coats (excluding priming coat) over new wood and wood based surfaces with enamel paint, interior to give even shade including cleaning oil, grease, dirt and other foreign matter, sand papering & stopping.	sqm	59.60
12	19.73	Painting one coat (excluding priming coat) on previously painted new wood and wood based surfaces with enamel paint, interior to give even shade including cleaning oil, grease, dirt and other foreign matter.	sqm	37.60
13	19.75	Extra over items 71 & 73 for every subsequent coat of paint.	sqm	35.10
14	19.77	Painting two coats (excluding priming coat) over new wood and wood based surfaces with ready mixed paint, interior to give even shade including cleaning oil, grease, dirt and other foreign matter, sand papering & stopping.	sqm	71.80
15	19.84	Varnishing two coats (excluding priming coat) over new wood and wood based surfaces under coating with flatting varnish and finishing coat with varnish to give even surface including cleaning oil, grease, dirt and sand papering so as to produce a smooth dry surface.	sqm	36.40
16	19.86	Extra over item 84 for every subsequent coat of varnish.	sqm	16.00
17	19.87	Polishing with french polish over new wood and wood based surfaces to give even surface including cleaning oil, grease, dirt and sand papered smooth and including a coat of wood filler.	sqm	76.00

Rate for 2012-13 Rs. (6)	Rate for 2013-14 Rs. (7)	Rate for 2014-15 Rs. (8/)	Rate for 2015-16 Rs. (9)	Rate for 2016-17 Rs. (10)
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59.90	62.10	62.10	55.00
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37.70	39.30	39.30	35.00
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35.20	36.50	36.50	39.00
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72.00	74.30	74.30	66.00
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36.60	38.70	38.70	34.00
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16.10	16.90	16.90	20.00
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86.50	93.90	93.90	84.00
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SR. NO.	Item No as per N.B.O	ITEM DESCRIPTION	UNIT	Rate for 2011-12 Rs.
(1)	(2)	(3)	(4)	(5)
18	19.88	Polishing with French polish on previously polished wood and wood based surface to give an even surface including cleaning the surface to remove all dirt, dust and sand papered smooth including a coat of wood filler.	sqm	39.00
19	19.91	Applying wax polish on new wood and wood based surfaces with base wax polish in proportion of 2:1.5 : 1:0.05 (2 bees wax : 1.5 linseed oil : 1 turpentine oil : 0.50 varnish by weight) to give even surface including cleaning the surface of all dirt, dust and sand papered smooth.	sqm	41.00
20	19.92	Applying wax polish on previously wax polished wood and wood based surfaces with base wax polish in proportion of 2:1.5 : 1:0.05 (2 bees wax : 1.5 linseed oil : 1 turpentine oil : 0.50 varnish by weight) to give even surface including cleaning the surface of all dirt, dust and sand papered smooth.	sqm	24.20
21	19.98	Coal taring two coats on new wood and wood based surfaces using 0.16 & 0.12 liters of coal tar per Sq. mt in the first and second coat respectively to give an even shade including cleaning of all dirt, dust and other foreign matter.	sqm	22.60
22	19.100	Extra over item 19.98 for every subsequent coat of paint.	sqm	12.40

Rate for 2012-13 Rs. (6)	Rate for 2013-14 Rs. (7)	Rate for 2014-15 Rs. (8/)	Rate for 2015-16 Rs. (9)	Rate for 2016-17 Rs. (10)
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44.60	48.30	48.30	43.00
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43.10	46.00	46.00	41.00
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24.30	25.80	25.80	23.00
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22.70	23.80	23.80	21.00
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12.50	13.10	13.10	16.10
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SR. NO.	Item No as per N.B.O	ITEM DESCRIPTION	UNIT	Rate for 2011-12 Rs.
(1)	(2)	(3)	(4)	(5)
23	19.119	Writing letter or figures on any surface with black Japan paint (stop, comas, hyphens and the like not to be measured and paid for separately) (I) Block (letters/figure)	Per 10 letters per Cm height	0.90
	19.119	(II) Indian (letters/figure)	Per 10 letters per Cm height	1.00
24	19.121	Extra over item 19.119 for using thick white paint instead black japan paint. (I) Block (letters/figure)	Per 10 letters per Cm height	0.10
	19.121	(II) Indian (letters/figure)	Per 10 letters per Cm height	0.10
25	19.126	Painting lines, dashes, arrows, letters etc on road, air fields and like in two coats with road marking paint, brushing including cleaning the surface of all dirt, dust and other foreign matter. (I) Over 10 Cm in width.	sqm	81.80
	19.126	(II) Upto 10 Cm in width.	m	8.20
26	19.127	Painting lines, dashes, arrows, letters etc on road, air fields 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.	sqm	34.70
	19.127	(II) Upto 10 Cm in width.	m	3.70

Rate for 2012-13 Rs. (6)	Rate for 2013-14 Rs. (7)	Rate for 2014-15 Rs. (8/)	Rate for 2015-16 Rs. (9)	Rate for 2016-17 Rs. (10)
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1.20	1.30	1.30	2.00
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1.30	1.45	1.45	2.20
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0.10	0.10	0.10	0.09
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0.10	0.10	0.10	0.09
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82.30	87.00	87.00	77.00
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8.20	8.70	8.70	7.70
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34.80	36.00	36.00	32.00
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3.70	3.90	3.90	3.50
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SR. NO.	Item No as per N.B.O	ITEM DESCRIPTION	UNIT	Rate for 2011-12 Rs.
(1)	(2)	(3)	(4)	(5)

CHAPTER : 20 : DEMOLITION AND DISMANTALING

1	20.1	Demolition & disposal of unserviceable materials with all lead and lift. (I) Lime concrete.	cum	165.00
	20.1	(II) Unreinforcement cement concrete.	cum	190.00
2	20.3	Demolition including stacking of serviceable materials and disposal of unserviceable materials with all lead and lift. (I) R.C.C work.	cum	330.00
3	20.11	Demolition of brick work & stone masonry including stacking of serviceable materials and disposal of unserviceable materials with all lead and lift. (II) In lime mortar.	cum	114.00
	20.11	(III) In cement mortar.	cum	172.00
4	20.21	Demolition of terrace including stacking of serviceable materials and disposal of unserviceable materials with all lead and lift. (I) Brick tile covering.	sqm	20.00
5	20.23	Dismantaling tiled or stone floors laid in mortar including stacking of serviceable materials and disposal of unserviceable materials with all lead and lift.	sqm	15.00
6	20.25	Dismantaling of wooden floors laid in mortar including stacking of serviceable materials and disposal of unserviceable materials with all lead and lift.	sqm	22.00
7	20.27	Dismantaling of sheet roofing including ridges, hips, valleys, gutters etc. stacking of serviceable materials and disposal of unserviceable materials with all lead and lift. (I) G.I sheet roofing	sqm	15.00

Rate for 2012-13 Rs.	Rate for 2013-14 Rs.	Rate for 2014-15 Rs.	Rate for 2015-16 Rs.	Rate for 2016-17 Rs.
(6)	(7)	(8/)	(9)	(10)

206.00	227.00	227.00	333.00
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236.00	261.00	261.00	383.00
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411.00	453.00	453.00	665.00
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142.00	157.00	157.00	230.00
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214.00	236.00	236.00	346.00
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24.80	27.30	27.30	40.00
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18.70	20.60	20.60	30.00
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27.90	30.80	30.80	45.00
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18.70	20.60	20.60	30.00
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SR. NO.	Item No as per N.B.O	ITEM DESCRIPTION	UNIT	Rate for 2011-12 Rs.
(1)	(2)	(3)	(4)	(5)
	20.27	(II) A.C sheet roofing	sqm	16.00
8	20.28	Dismantaling manglore of country tile roofing with battens, boarding etc. including stacking of serviceable materials and disposal of unserviceable materials with all lead and lift.	sqm	27.00
9	20.30	Dismantaling cement asbestos hard board ceiling or partition walls, wooden trellies work including frames stacking of serviceable materials and disposal of unserviceable materials with all lead and lift.	sqm	15.00
10	20.35	Dismantaling wood work, wrought framed and fixed in frame trusses including stacking of serviceable materials with all lead and lift.	cum	557.00
11	20.39	Dismantaling expanded metal or IRC fabric with necessary battens and beading including frame work and stacking of serviceable materials with all lead and lift.	sqm	17.00
12	20.43	Dismantaling steel work including dismembering and stacking the materials with all lead and lift.	kg	1.00
13	20.49	Dismantaling doors, windows, ventilators etc. (wood or steel) shutters including chowkhats, architraves, holdfasts and other attachment etc. complete and stacking the materials with all lead and lift. (I) Not exceeding 3 Smt in area.	Each	59.00
	20.49	(II) Exceeding 3 Smt in area.	Each	79.00

Rate for 2012-13 Rs. (6)	Rate for 2013-14 Rs. (7)	Rate for 2014-15 Rs. (8/)	Rate for 2015-16 Rs. (9)	Rate for 2016-17 Rs. (10)
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20.80 22.90 22.90 34.00

34.00 37.50 37.50 55.00

18.60 20.50 20.50 30.00

688.00 757.00 757.00 1106.00

21.70 23.90 23.90 35.00

1.45 1.60 1.60 2.30

73.30 80.70 80.70 118.00

98.30 108.20 108.20 158.00

SR. NO.	Item No as per N.B.O	ITEM DESCRIPTION	UNIT	Rate for 2011-12 Rs.
(1)	(2)	(3)	(4)	(5)
14	20.51 + 20.52	Dismantaling barbed wire in fencing including making rolls and also including dismantaling fencing posts including all earth work concrete in base and making good the disturbed ground stacking useful materials as directed & disposing off the unserviceable materials with all lead and lift.	m	20.00
15	20.56	Dismantaling C.I pipes, G.S.W pipes and A.C rain water pipes with fittings and clamps including stacking the materials with all lead and lift (For any diameter of pipe)	m	23.00
16	0.0	Dismantling sanitary fittings like wash basin, W.C pan Indian and European type, flushing tank etc including stacking the materials with all lead and lift.	Each	128.00
17	0.0	Scraping oil paint from steel and other metal surface and making the surface even (with hand scraping)	sqm	15.00
18	0.0	Removing and scrapping of old deteriorated plaster of any thickness fromm masonry / R.C.C member including stacking of serviceable material and disposal of unserviceable from site of work with all lead and lift	sqm	-

Rate for 2012-13 Rs. (6)	Rate for 2013-14 Rs. (7)	Rate for 2014-15 Rs. (8/)	Rate for 2015-16 Rs. (9)	Rate for 2016-17 Rs. (10)
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25.90	28.60	28.60	42.00
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29.30	32.30	32.30	47.00
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158.50	174.40	174.40	255.00
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18.90	20.90	20.90	31.00
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-	21.00	21.00	19.00
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SR. NO.	Item No as per N.B.O	ITEM DESCRIPTION	UNIT	Rate for 2011-12 Rs.
(1)	(2)	(3)	(4)	(5)
19	0.0	<p>Providing and fixing PUF insulated continuous sandwich panels for roofs of total thickness not less than 30 mm made out from continuous line method on automatic plant. Panel shall have 0.50 mm thick precoated G.I sheet on both side of Polyurethane Foam with external face being corrugated in shape for G.I and PU foam both material. The crest height of the panel shall be of 35 mm minimum with 250 mm center to center pitch. The precoated sheet shall be of minimum 240 mpa steel grade confirming to I.S: 14246:1995 and shall have zinc coating of minimum 120 gsm as per I.S: 277:1992, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 micron. The PPGI sheet shall have plastic protective guard film of minimum 25 micron to avoid scratches during transportation. The roof panels are laid over a frame work of trusses, columns and purlins fixed using 90 mm self drilling bolts with rubber washer including all types of flashings. The PU Foam shall be self extinguishing, fire retardant type having minimum density of 40 kg / cum (\pm 2 kgs) including 0.25 mm thick craft paper edging, self tapping screws of required length and nos etc. complete as per structural design and direction of Engineer in - charge.</p>	sqm	-

Rate for 2012-13 Rs. (6)	Rate for 2013-14 Rs. (7)	Rate for 2014-15 Rs. (8/)	Rate for 2015-16 Rs. (9)	Rate for 2016-17 Rs. (10)
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2848.00

2848.00

2535.00

SR. NO.	Item No as per N.B.O	ITEM DESCRIPTION	UNIT	Rate for 2011-12 Rs.
(1)	(2)	(3)	(4)	(5)

20	0.0	<p>Providing and fixing PUF insulated continuous sandwich panels for roofs of total thickness not less than 30 mm made out from continuous line method on automatic plant. Panel shall have 0.35 mm thick precoated G.I sheet on both side of Polyurethane Foam with external face being corrugated in shape for G.I and PU foam both material. The crest height of the panel shall be of 35 mm minimum with 250 mm center to center pitch. The precoated sheet shall be of minimum 240 mpa steel grade confirming to I.S: 14246:1995 and shall have zinc coating of minimum 120 gsm as per I.S: 277:1992, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 micron. The PPGI sheet shall have plastic protective guard film of minimum 25 micron to avoid scratches during transportation. The roof panels are laid over a frame work of trusses, columns and purlins fixed using 90 mm self drilling bolts with rubber washer including all types of flashings. The PU Foam shall be self extinguishing, fire retardant type having minimum density of 40 kg / cum (\pm 2 kgs) including 0.25 mm thick craft paper edging, self tapping screws of required length and nos etc. complete as per structural design and direction of Engineer in - charge.</p>	sqm	-
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Rate for 2012-13 Rs. (6)	Rate for 2013-14 Rs. (7)	Rate for 2014-15 Rs. (8/)	Rate for 2015-16 Rs. (9)	Rate for 2016-17 Rs. (10)
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2548.00

2548.00

2268.00

SR. NO.	Item No as per N.B.O	ITEM DESCRIPTION	UNIT	Rate for 2011-12 Rs.
(1)	(2)	(3)	(4)	(5)
21	0.0	Providing and fixing PUF insulated continuous sandwich panels for walls of total thickness not less than 50 mm and width 1000 mm made out from continuous line method on automatic plant. Panel shall have 0.50 mm thick precoated G.I sheet on both side of Polyurethane Foam confirming to I.S: 12436:1988. The precoated sheet shall be of minimum 240 mpa steel grade confirming to I.S: 14246:1995 and shall have zinc coating of minimum 120 gsm as per I.S: 277:1992, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 micron. The PPGI sheet shall have plastic protective guard film of minimum 25 micron to avoid scratches during transportation. The panels shall be vertically jointed together by tongue and groove joints. The PU Foam shall be self extinguishing, fire retardant type having minimum density of 40 kg / cum (\pm 2 kgs) including 0.25 mm thick craft paper edging on both edges. The panels shall be fixed to the steel structure with minimum 5 mm thick self tapping G.I screws of required length and nos. with minimum spacing of 300 mm center to center.	sqm	-

Rate for 2012-13 Rs. (6)	Rate for 2013-14 Rs. (7)	Rate for 2014-15 Rs. (8/)	Rate for 2015-16 Rs. (9)	Rate for 2016-17 Rs. (10)
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2861.00

2861.00

2546.00

SR. NO.	Item No as per N.B.O	ITEM DESCRIPTION	UNIT	Rate for 2011-12 Rs.
(1)	(2)	(3)	(4)	(5)
22	0.0	Providing and fixing PUF insulated continuous sandwich panels for walls of total thickness not less than 50 mm and width 1000 mm made out from continuous line method on automatic plant. Panel shall have 0.35 mm thick precoated G.I sheet on both side of Polyurethane Foam confirming to I.S: 12436:1988. The precoated sheet shall be of minimum 240 mpa steel grade confirming to I.S: 14246:1995 and shall have zinc coating of minimum 120 gsm as per I.S: 277:1992, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 micron. The PPGI sheet shall have plastic protective guard film of minimum 25 micron to avoid scratches during transportation. The panels shall be vertically jointed together by tongue and groove joints. The PU Foam shall be self extinguishing, fire retardant type having minimum density of 40 kg / cum (\pm 2 kgs) including 0.25 mm thick craft paper edging on both edges. The panels shall be fixed to the steel structure with minimum 5 mm thick self tapping G.I screws of required length added in case of minimum spacing of 300 mm center to center.	sqm	-

Rate for 2012-13 Rs. (6)	Rate for 2013-14 Rs. (7)	Rate for 2014-15 Rs. (8/)	Rate for 2015-16 Rs. (9)	Rate for 2016-17 Rs. (10)
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2564.00

2564.00

2282.00

SR. NO.	Item No as per N.B.O	ITEM DESCRIPTION	UNIT	Rate for 2011-12 Rs.
(1)	(2)	(3)	(4)	(5)
23	0.0	Providing and fixing PUF insulated continuous sandwich panels for walls of total thickness not less than 40 mm and width 1000 mm made out from continuous line method on automatic plant. Panel shall have 0.50 mm thick precoated G.I sheet on both side of Polyurethane Foam confirming to I.S: 12436:1988. The precoated sheet shall be of minimum 240 mpa steel grade confirming to I.S: 14246:1995 and shall have zinc coating of minimum 120 gsm as per I.S: 277:1992, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 micron. The PPGI sheet shall have plastic protective guard film of minimum 25 micron to avoid scratches during transportation. The panels shall be vertically jointed together by tongue and groove joints. The PU Foam shall be self extinguishing, fire retardant type having minimum density of 40 kg / cum (\pm 2 kgs) including 0.25 mm thick craft paper edging on both edges. The panels shall be fixed to the steel structure with minimum 5 mm thick self tapping G.I screws of required length and nos. with minimum spacing of 300 mm center to center.	sqm	-

Rate for 2012-13 Rs. (6)	Rate for 2013-14 Rs. (7)	Rate for 2014-15 Rs. (8/)	Rate for 2015-16 Rs. (9)	Rate for 2016-17 Rs. (10)
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2785.00

2785.00

2479.00

SR. NO.	Item No as per N.B.O	ITEM DESCRIPTION	UNIT	Rate for 2011-12 Rs.
(1)	(2)	(3)	(4)	(5)
24	0.0	Providing and fixing PUF insulated continuous sandwich panels for walls of total thickness not less than 40 mm and width 1000 mm made out from continuous line method on automatic plant. Panel shall have 0.35 mm thick precoated G.I sheet on both side of Polyurethane Foam confirming to I.S: 12436:1988. The precoated sheet shall be of minimum 240 mpa steel grade confirming to I.S: 14246:1995 and shall have zinc coating of minimum 120 gsm as per I.S: 277:1992, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 micron. The PPGI sheet shall have plastic protective guard film of minimum 25 micron to avoid scratches during transportation. The panels shall be vertically jointed together by tongue and groove joints. The PU Foam shall be self extinguishing, fire retardant type having minimum density of 40 kg / cum (\pm 2 kgs) including 0.25 mm thick craft paper edging on both edges. The panels shall be fixed to the steel structure with minimum 5 mm thick self tapping G.I screws of required length added in case of minimum spacing of 300 mm center to center.	sqm	-
25	0.0	Structural steel work (Confirming to I.S: 4923-1997) riveted, bolted or welded in builtup for all type of sections, in framed work, including cutting, hoisting, fixing in position and applying a primer coat of approved steel primer all complete as per the structural designs and directions of Engineer - in - charge. Column (122 mm x 61 mm x 3.6 mm)	kg	-

Rate for 2012-13 Rs. (6)	Rate for 2013-14 Rs. (7)	Rate for 2014-15 Rs. (8/)	Rate for 2015-16 Rs. (9)	Rate for 2016-17 Rs. (10)
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-	2488.00	2488.00	2214.00	
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-	123.00	123.00	109.00	
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SR. NO.	Item No as per N.B.O	ITEM DESCRIPTION	UNIT	Rate for 2011-12 Rs.
(1)	(2)	(3)	(4)	(5)
26	0.0	Providing and fixing of bottom and top U track for closing of end joints for cut PUF panels of size of 52 mm x 30 mm with 5 mm lipping on both edges. The U track shall be made out of 1 mm thick precoated G.I sheet. The precoated sheet shall be of minimum 240 mps steelo grade confirming to I.S: 14246:1995 and shall have zinc coating of minimum 120 gsm as per I.S: 277:1992, 5-7 micron epoxy primer on both side of sheet and polyester top coat 15-18 micron. The PPGI sheet shall have plastic protective guard film of minimum 25 microns to avoid scratches during transportation. The U track shall be fixed with suitable POP rivet with wall roof panels and plinth with Expadable fastners with minimum spacing of 450 mm center to center. The U track shall be fixed.	Rmt	-
27	0.0	Providing and fixing of bottom and top U track for closing of end joints for cut PUF panels of size of 42 mm x 30 mm with 5 mm lipping on both edges. The U track shall be made out of 1 mm thick precoated G.I sheet. The precoated sheet shall be of minimum 240 mps steelo grade confirming to I.S: 14246:1995 and shall have zinc coating of minimum 120 gsm as per I.S: 277:1992, 5-7 micron epoxy primer on both side of sheet and polyester top coat 15-18 micron. The PPGI sheet shall have plastic protective guard film of minimum 25 microns to avoid scratches during transportation. The U track shall be fixed with suitable POP rivet with wall roof panels and plinth with Expadable fastners with minimum spacing of 450 mm center to center. The U track shall be fixed.	Rmt	-

Rate for 2012-13 Rs. (6)	Rate for 2013-14 Rs. (7)	Rate for 2014-15 Rs. (8/)	Rate for 2015-16 Rs. (9)	Rate for 2016-17 Rs. (10)
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-	386.00	386.00	344.00	
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-	371.00	371.00	330.00	
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SR. NO.	Item No as per N.B.O	ITEM DESCRIPTION	UNIT	Rate for 2011-12 Rs.
(1)	(2)	(3)	(4)	(5)
28	0.0	Providing and fixing of Ridge flashing for roof panel shall be made out of 0.50 mm thick precoated G.I sheet. The precoated sheet shall be of minimum 240 mps steel grade confirming to I.S: 14246:1995 and shall have zinc coating of minimum 120 gsm as per I.S: 277:1992, 5-7 micron epoxy primer on both side of sheet and polyester top coat 15-18 micron. The PPGI sheet shall have plastic protective guard film of minimum 25 microns to avoid scratches during transportation. The ridge shall be fixed to the steel members by pop rivet or self drilling / self stitching fasteners @ maximum 450 mm center to center along length of capping / flashing etc. complete.	Rmt	-
29	0.0	Providing and fixing of end cap for roofing panel shall be made out of 0.50 mm thick precoated G.I sheet suitable for 30 mm thick panel. The precoated sheet shall be of minimum 240 mps steel grade confirming to I.S: 14246:1995 and shall have zinc coating of minimum 120 gsm as per I.S: 277:1992, 5-7 micron epoxy primer on both side of sheet and polyester top coat 15-18 micron. The PPGI sheet shall have plastic protective guard film of minimum 25 microns to avoid scratches during transportation. The U track shall be fixed with suitable POP rivet with wall and roof panels with minimum 450 mm center to center.	Rmt	-

Rate for 2012-13 Rs. (6)	Rate for 2013-14 Rs. (7)	Rate for 2014-15 Rs. (8/)	Rate for 2015-16 Rs. (9)	Rate for 2016-17 Rs. (10)
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-	499.00	499.00	444.00	
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-	488.00	488.00	434.00	
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SR. NO.	Item No as per N.B.O	ITEM DESCRIPTION	UNIT	Rate for 2011-12 Rs.
(1)	(2)	(3)	(4)	(5)
30	0.0	Providing and fixing of end cap for roofing panel shall be made out of 0.50 mm thick precoated G.I sheet suitable for 40 mm thick panel. The precoated sheet shall be of minimum 240 mps steelo grade confirming to I.S: 14246:1995 and shall have zinc coating of minimum 120 gsm as per I.S: 277:1992, 5-7 micron epoxy primer on both side of sheet and polyester top coat 15-18 micron. The PPGI sheet shall have plastic protective guard film of minimum 25 microns to avoid scratches during transportation. The U track shall be fixed with suitable POP rivet with wall and roof panels with minimum 450 mm center to center.	Rmt	-
31	0.0	Providing and fixing of Corner Angle for various Flashing in 25 mm x 25 mm size in equal shape with 5 mm edge lipping on both side. The Angle Flashing shall be made out of 0.50 mm thick precoated G.I sheet with edge bending of approximate 5 mm. The precoated sheet shall be of minimum 240 mps steelo grade confirming to I.S: 14246:1995 and shall have zinc coating of minimum 120 gsm as per I.S: 277:1992, 5-7 micron epoxy primer on both side of sheet and polyester top coat 15-18 micron. The PPGI sheet shall have plastic protective guard film of minimum 25 microns to avoid scratches during transportation. The U track shall be fixed with suitable POP rivet with wall and roof panels with minimum 450 mm center to center.	Rmt	-

Rate for 2012-13 Rs. (6)	Rate for 2013-14 Rs. (7)	Rate for 2014-15 Rs. (8/)	Rate for 2015-16 Rs. (9)	Rate for 2016-17 Rs. (10)
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-	459.00	459.00	409.00	
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-	330.00	330.00	294.00	
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SR. NO.	Item No as per N.B.O	ITEM DESCRIPTION	UNIT	Rate for 2011-12 Rs.
(1)	(2)	(3)	(4)	(5)
32	0.0	Providing and fixing of Corner Angle for various Flashing in 50 mm x 50 mm size in equal shape with 5 mm edge lipping on both side. The Angle Flashing shall be made out of 0.50 mm thick precoated G.I sheet with edge bending of approximate 5 mm. The precoated sheet shall be of minimum 240 mps steelo grade confirming to I.S: 14246:1995 and shall have zinc coating of minimum 120 gsm as per I.S: 277:1992, 5-7 micron epoxy primer on both side of sheet and polyester top coat 15-18 micron. The PPGI sheet shall have plastic protective guard film of minimum 25 microns to avoid scratches during transportation. The U track shall be fixed with suitable POP rivet with wall and roof panels with minimum 450 mm center to center.	Rmt	-
33	0.0	Providing and fixing of Corner Angle for various Flashing in 100 mm x 100 mm size in equal shape with 5 mm edge lipping on both side. The Angle Flashing shall be made out of 0.50 mm thick precoated G.I sheet with edge bending of approximate 5 mm. The precoated sheet shall be of minimum 240 mps steelo grade confirming to I.S: 14246:1995 and shall have zinc coating of minimum 120 gsm as per I.S: 277:1992, 5-7 micron epoxy primer on both side of sheet and polyester top coat 15-18 micron. The PPGI sheet shall have plastic protective guard film of minimum 25 microns to avoid scratches during transportation. The U track shall be fixed with suitable POP rivet with wall and roof panels with minimum 450 mm center to center.	Rmt	-

Rate for 2012-13 Rs. (6)	Rate for 2013-14 Rs. (7)	Rate for 2014-15 Rs. (8/)	Rate for 2015-16 Rs. (9)	Rate for 2016-17 Rs. (10)
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-	355.00	355.00	316.00	
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-	448.00	448.00	399.00	
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SR. NO.	Item No as per N.B.O	ITEM DESCRIPTION	UNIT	Rate for 2011-12 Rs.
(1)	(2)	(3)	(4)	(5)
34	0.0	Providing and fixing of Corner Angle for various Flashing in 150 mm x 150 mm size in equal shape with 5 mm edge lipping on both side. The Angle Flashing shall be made out of 0.50 mm thick precoated G.I sheet with edge bending of approximate 5 mm. The precoated sheet shall be of minimum 240 mps steel grade confirming to I.S: 14246:1995 and shall have zinc coating of minimum 120 gsm as per I.S: 277:1992, 5-7 micron epoxy primer on both side of sheet and polyester top coat 15-18 micron. The PPGI sheet shall have plastic protective guard film of minimum 25 microns to avoid scratches during transportation. The U track shall be fixed with suitable POP rivet with wall and roof panels with minimum 450 mm center to center.	Rmt	-
35	0.0	Providing and fixing 15 mm diameter backup rod having minimum density 22 kg per cum (ASTMD - 3575) & compression strength of 0.40 kg per sqm (ASTM - 5249) and finishing with polysulphide sealant etc. complete. For 12 mm wide expansion joint	Rmt	-
36	0.0	Providing and fixing 25 mm diameter backup rod having minimum density 22 kg per cum (ASTMD - 3575) & compression strength of 0.40 kg per sqm (ASTM - 5249) and finishing with polysulphide sealant etc. complete. For 20 mm wide expansion joint	Rmt	-

Rate for 2012-13 Rs. (6)	Rate for 2013-14 Rs. (7)	Rate for 2014-15 Rs. (8/)	Rate for 2015-16 Rs. (9)	Rate for 2016-17 Rs. (10)
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-	504.00	504.00	449.00	
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-	14.00	14.00	12.00	
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-	19.00	19.00	17.00	
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SR. NO.	Item No as per N.B.O	ITEM DESCRIPTION	UNIT	Rate for 2011-12 Rs.
(1)	(2)	(3)	(4)	(5)
37	0.0	Providing and fixing 30 mm diameter backup rod having minimum density 22 kg per cum (ASTMD - 3575) & compression strength of 0.40 kg per sqm (ASTM - 5249) and finishing with polysulphide sealant etc. complete. For 25 mm wide expansion joint	Rmt	-
38	0.0	Providing and fixing 50 mm diameter backup rod having minimum density 22 kg per cum (ASTMD - 3575) & compression strength of 0.40 kg per sqm (ASTM - 5249) and finishing with polysulphide sealant etc. complete. For 40 mm wide expansion joint	Rmt	-
39	0.0	Providing and fixing 60 mm diameter backup rod having minimum density 22 kg per cum (ASTMD - 3575) & compression strength of 0.40 kg per sqm (ASTM - 5249) and finishing with polysulphide sealant etc. complete. For 50 mm wide expansion joint	Rmt	-

Rate for 2012-13 Rs. (6)	Rate for 2013-14 Rs. (7)	Rate for 2014-15 Rs. (8/)	Rate for 2015-16 Rs. (9)	Rate for 2016-17 Rs. (10)
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-	22.00	22.00	20.00	
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-	60.00	60.00	53.00	
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-	79.00	79.00	70.00	
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SR. NO.	Item No as per N.B.O	ITEM DESCRIPTION	UNIT	Rate for 2011-12 Rs.
(1)	(2)	(3)	(4)	(5)

Preparing and applying of water soluble, nonflammable, reactive and penetrative silane nanotechnology with water (<1000 ppm TDS) in the ratio of 1 liter silane :20 liter water mixed with 0.5 liter acrylic copolymer polymer compatible and stable in silane solution. Take 1 liter of silane nanotechnology and add in 20 liter water in drum under manual stirring and then add 0.5 liter acrylic copolymer under manual stirring and mix completely. Spray apply the solution at the rate of 1 liter per sqm on horizontal and 0.5 liter per sqm on vertical new or old cementitious / concrete surface . (For very dense concrete of M50 and above for bridges may not absorb 1 liter per sq meter so reduce the water of dilution to 1:10)Horizontal Surface

sqm

-

Preparing and applying of water soluble, nonflammable, reactive and penetrative silane nanotechnology with water (<1000 ppm TDS) in the ratio of 1 liter silane :20 liter water mixed with 0.5 liter acrylic copolymer polymer compatible and stable in silane solution. Take 1 liter of silane nanotechnology and add in 20 liter water in drum under manual stirring and then add 0.5 liter acrylic copolymer under manual stirring and mix completely. Spray apply the solution at the rate of 1 liter per sqm on horizontal and 0.5 liter per sqm on vertical new or old cementitious / concrete surface . (For very dense concrete of M50 and above for bridges may not absorb 1 liter per sq meter so reduce the water of dilution to 1:10)Vertical Surface

sqm

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Rate for 2012-13 Rs. (6)	Rate for 2013-14 Rs. (7)	Rate for 2014-15 Rs. (8/)	Rate for 2015-16 Rs. (9)	Rate for 2016-17 Rs. (10)
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- - - 91.76

- - - 49.07

SR. NO.	Item No as per N.B.O	ITEM DESCRIPTION	UNIT	Rate for 2011-12 Rs.
(1)	(2)	(3)	(4)	(5)

CHAPTER : 21 : REPAIRS TO BUILDINGS

1	21.8	Providing and fixing M.S fan clamps of shape and size as specified in existing R.C.C slab including cutting chase and making good.	Each	97.00
2	21.23	Cutting out cracks of roof terrace to V-section, cleaning out, wetting, grouting with cement and sand slurry 1:3 (1 cement : 3 sand)	m	21.00
3	21.24	Cutting out cracks of roof terrace to V-section, cleaning out and filling solidly with a hot mixture of bitumen and clean dry sand (1:1 by weight)	m	46.00

CHAPTER : 22 : MISCELLANEOUS BUILDING ITEMS

1	22.20	Providing and fixing 1.20 meter high fencing with 2.0 meter long M.S angle posts 40 mm x 40 mm x 6 mm and oil painting three coats, fixed at 2.50 meter C/C with five horizontal lines and two diagonals of galvanised steel barbed wire weighing 9.38 Kg / 100 Rmt, strained and fixed to posts with G.I staples, including fixing the posts in ground with 0.50 meter x 0.50 meter x 0.50 meter block in C.C 1:5:10 etc complete.	m	342.00
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Rate for 2012-13 Rs.	Rate for 2013-14 Rs.	Rate for 2014-15 Rs.	Rate for 2015-16 Rs.	Rate for 2016-17 Rs.
(6)	(7)	(8/)	(9)	(10)

113.00	120.00	120.00	107.00
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26.00	28.00	28.00	41.00
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46.00	54.00	54.00	48.00
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378.00	386.00	386.00	305.00
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SR. NO.	Item No as per N.B.O	ITEM DESCRIPTION	UNIT	Rate for 2011-12 Rs.
(1)	(2)	(3)	(4)	(5)
2	0.0	Construction of B.B masonry paniyara 23 cm x 75 cm wall and 15 cm x 15 cm kerbing including fixing precast R.C.C marble mosaic (Terrazo) slab of 75 mm thickness on top and smooth finishing in cement plaster in C.M 1:3 curing etc. complete including drainage out waste water arrangement.	m	1099.00
3	0.0	Constructing a sink (Chowkdi) with C.C 1:2:4, 12 cm thick over B.B masonry in cement mortar 1:6 in front and dwarf wall 1.0 meter high and 23 cm thick, cement plaster to masonry in cement mortar 1:3 and cement concrete flooring in 1:2:4 with 5 cm diameter A.C drain pipe etc. complete.	sqm	1513.00
4	0.0	Constructing a cooking platforms 60 cm width and 70 cm height resting on B.B masonry walls 23 cm thick (I) Fixing of precast R.C.C 8 cm thick slab with marble mosaic chips set in cement mortar (Terrazo) with plastering on exposed faces of wall in cement mortar 1:4 etc. complete.	m	686.00
	0.0	(II) Fixing of black Kadappa stone 30 mmthick laid on precast R.C.C 1:2:4 slab with plastering on exposed faces of wall in cement mortar 1:4 etc. complete.	m	837.00
5	0.0	Carrying out timber treatment to all wood work including drilling holes and spraying oil based chemical solution on surface of timber work for termite control including labour and material etc. complete.	sqm	44.20

Rate for 2012-13 Rs. (6)	Rate for 2013-14 Rs. (7)	Rate for 2014-15 Rs. (8/)	Rate for 2015-16 Rs. (9)	Rate for 2016-17 Rs. (10)
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1283.00	1340.00	1340.00	1059.00	
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1759.00	1834.00	1834.00	1449.00	
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738.00	750.00	750.00	593.00	
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909.00	910.00	910.00	719.00	
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44.20	44.20	44.20	35.00	
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SR. NO.	Item No as per N.B.O	ITEM DESCRIPTION	UNIT	Rate for 2011-12 Rs.
(1)	(2)	(3)	(4)	(5)
6	0.0	Applying general insecticide pest control treatment to floors, cupboards etc. including labour, material etc. complete.	sqm	62.00
7	0.0	Carrying out plinth post treatment to post construction/existing structure by spraying chemical solution for termite control treatment including labour and materials consistent with I.S.I specification.	sqm	84.30
8	0.0	Carrying out wall treatment for termite control including spraying with chemical solution in oil base (0.5 Lit/Smt.) including labour and material.	sqm	29.00
9	0.0	Providing and fixing Rajula stone 75 mm thick 60 cms x 45 cms size including fixing in cement mortar as directed.	Each	99.00
10	0.0	Providing and laying Billimora type brick facing in cement mortar 1:1 laid over bedding of cement mortar 1:3 (13 mm thickness) including clearing, watering, scaffolding etc. complete.	sqm	531.00
11	0.0	Providing and fixing teak wood rail of 60 mm x 20 mm size and 50 cms length including 3 coats of oil paint to wood work with set of 3-pegs.	Each	78.00

Rate for 2012-13 Rs. (6)	Rate for 2013-14 Rs. (7)	Rate for 2014-15 Rs. (8/)	Rate for 2015-16 Rs. (9)	Rate for 2016-17 Rs. (10)
74.00	74.00	74.00	58.00	
84.30	84.30	84.30	67.00	
30.00	30.00	30.00	24.00	
106.00	106.00	106.00	84.00	
614.00	629.00	629.00	497.00	
86.00	91.00	91.00	72.00	

SR. NO.	Item No as per N.B.O	ITEM DESCRIPTION	UNIT	Rate for 2011-12 Rs.
(1)	(2)	(3)	(4)	(5)

12	0.0	Providing and mixing Migratory Corrosion Admixture POLYALK CP 293 having Specific Gravity 1.01 to 1.04, pH value (Minimum 9.50) shall be alkaline in nature and having bipolar concrete penetrating corrosion inhibiting properties, inhibitor shall be non-nitrite based & have the ability to provide corrosion protection to both anodic and cathodic sites on the steel surface, inhibitor-steel complex shall formed polydentate complexes, having more than one bond with steel per molecule of inhibitor, with steel surface to promote proper film formation with enhanced bond to steel, inhibiting the electro-chemical corrosion reaction, inhibitor shall not have any adverse effect on concrete compressive strength, inhibitor shall have a corrosion rate of zero coulombs per ASTM-G109-2005, admixture shall be conforming to IS 9103 and in liquid form at the rate of 3Kg per one cubic meter volume of concrete admixture shall be added to the water, during mixing of cement, sand & aggregates and at the same rate admixture shall be added in case of Ready Mix Concrete at plant site, mixing of admixture during mixing of cement, sand and aggregates OR at work site the admixture shall be added in Concrete Transit Mixer before pumping / placing of concrete etc. complete.	cum	-----
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Rate for 2012-13 Rs. (6)	Rate for 2013-14 Rs. (7)	Rate for 2014-15 Rs. (8/)	Rate for 2015-16 Rs. (9)	Rate for 2016-17 Rs. (10)
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846.00

SR. NO.	Item No as per N.B.O	ITEM DESCRIPTION	UNIT	Rate for 2011-12 Rs.
(1)	(2)	(3)	(4)	(5)
13	0.0	Providing and mixing Migratory Corrosion Admixture POLYALK CP 293 having Specific Gravity 1.01 to 1.04, pH value (Minimum 9.50) shall be alkaline in nature and having bipolar concrete penetrating corrosion inhibiting properties, inhibitor shall be non-nitrite based & have the ability to provide corrosion protection to both anodic and cathodic sites on the steel surface, inhibitor-steel complex shall formed polydentate complexes, having more than one bond with steel per molecule of inhibitor, with steel surface to promote proper film formation with enhanced bond to steel, inhibiting the electro-chemical corrosion reaction, inhibitor shall not have any adverse effect on concrete compressive strength, inhibitor shall have a corrosion rate of zero coulombs per ASTM-G109-2005, admixture shall be conforming to IS 9103 and in liquid form at the rate of 5% by weight of cementitious materials, during mixing of cement & sand before grouting of cementitious materials etc. complete.	kg	-----
14	0.0	Providing and fixing Resin Bonded Rock Wool of density 48 kg / cum as & where required as directed by Engineer-in-Charge. Rock Wool confirming to IS: 8183	Cum	-----
15	0.0	Providing and fixing Vapour Breather Membrane Confirming to IBC 2009 on Exterior Cement Board as & Where directed by Engineer-in-Charge.	Sqm	-----
16	0.0	Providing and Laying of One side alluminium foil thermal bubble insulation barrier on the external side of the LWGS wall Panel under the Cement Board as & Where directed by Engineer-in-Charge.	Sqm	-----

Rate for 2012-13 Rs. (6)	Rate for 2013-14 Rs. (7)	Rate for 2014-15 Rs. (8/)	Rate for 2015-16 Rs. (9)	Rate for 2016-17 Rs. (10)
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SR. NO.	Item No as per N.B.O	ITEM DESCRIPTION	UNIT	Rate for 2011-12 Rs.
(1)	(2)	(3)	(4)	(5)

17	0.0	Providing and Fixing 12 mm thick moisture & fire resistant heavy duty Cement Fibre Board (High pressure steam cured) Confirming to ISO 4862-2000 in wall panels of one face of cold formed galvanised light gauge steel frame structure to form wall / partition as & Where directed by Engineer-in-Charge	Sqm	-----
18	0.0	Supply & fixing factory finished cold formed Light gauge steel frame sections confirming to SP:6 (5) 1980 at site or work including riveted, bolted or welded in builtup for all type of sections ,in framed work, cutting, hoisting, fixing in position and applying primer coat of approved steel primer etc. complete as per structural designs & directions of Engineer-in-charge.	Kg	-----

CHAPTER : 23 : WATER SUPPLY, PLUMBING AND SANITARY FITTINGS

1	23.2	Providing and fixing to wall, ceiling & floor galvanised mild steel tubes (Medium grade) of the following nominal bore, tube fittings and clamps including making good the wall, ceiling and floor. [A] 15 mm.	m	164.00
	23.2	[B] 20 mm.	m	205.00
	23.2	[C] 25 mm.	m	282.00
	23.2	[D] 32mm.	m	356.00
	23.2	[E] 40mm.	m	434.00
	23.2	[F] 50mm.	m	566.00

Rate for 2012-13 Rs.	Rate for 2013-14 Rs.	Rate for 2014-15 Rs.	Rate for 2015-16 Rs.	Rate for 2016-17 Rs.
(6)	(7)	(8/)	(9)	(10)

819.00

134.00

183.00

185.00

185.00

155.00

230.00

233.00

233.00

196.00

319.00

322.00

322.00

270.00

402.00

405.00

405.00

340.00

490.00

495.00

495.00

416.00

639.00

645.00

645.00

542.00

SR. NO.	Item No as per N.B.O	ITEM DESCRIPTION	UNIT	Rate for 2011-12 Rs.
(1)	(2)	(3)	(4)	(5)
1A	0.0	Providing and fixing concealed center point to wall ceiling & floor CPVC (SDR 13.5) PIPE having National Sanitation Foundation (NSF) seal for potable water of following dia. nominal bore tube fittings and clamps including making good the wall, ceiling and floor etc. complete.[A] 15 mm.	m	-
	0.0	[B] 20 mm.	m	-
	0.0	[C] 25 mm.	m	-
	0.0	[D] 32mm.	m	-
	0.0	[E] 40mm.	m	-
	0.0	[F] 50mm.	m	-
1B	0.0	Providing, laying and jointing in true line and level U.P.V.C pipe (SCH - 40) of following dia. including fittings of standard make as approved by Engineer - in - charge. Pipe shall be fixed on the wall with the help of clamp at every 2000 mm center to center or shall be concealed as directed including necessary fittings etc. including testing of pipe and joints and fixing the same with adhesive solvent, including cost of all materials. [A] 15 mm.	m	-
	0.0	[C] 25 mm.	m	-
	0.0	[D] 32mm.	m	-
	0.0	[E] 40mm.	m	-
	0.0	[F] 50mm.	m	-

Rate for 2012-13 Rs. (6)	Rate for 2013-14 Rs. (7)	Rate for 2014-15 Rs. (8/)	Rate for 2015-16 Rs. (9)	Rate for 2016-17 Rs. (10)
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-	118.00	118.00	99.00	
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-	157.00	157.00	132.00	
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-	208.00	208.00	175.00	
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-	294.00	294.00	247.00	
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-	396.00	396.00	333.00	
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-	624.00	624.00	524.00	
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-	85.00	85.00	71.00	
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-	102.00	102.00	86.00	
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-	135.00	135.00	113.00	
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-	169.00	169.00	142.00	
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-	217.00	217.00	182.00	
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SR. NO.	Item No as per N.B.O	ITEM DESCRIPTION	UNIT	Rate for 2011-12 Rs.
(1)	(2)	(3)	(4)	(5)
2	23.4	Providing and laying in trenches galvanised mild steel tubes (Medium grade) of the following nominal bore, tube fittings (Earthwork in trenches to be measured and separately) [A] 15 mm.	m	125.00
	23.4	[B] 20 mm.	m	160.00
	23.4	[C] 25 mm.	m	230.00
	23.4	[E] 40mm.	m	352.00
	23.4	[F] 65mm.	m	582.00
	23.4	[H] 80mm.	m	746.00
3	23.6	Making connection of galvanised mild steel distribution branch with galvanised mild steel main 50 mm to 80 mm nominal bore by providing and fixing tee including cutting and threading the pipes complete.	Each	433.00
4	23.8A	Providing and fixing to wall ceiling and floor 6.0 KgF/Sqcm 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 diameter	m	52.00
	23.8B	[B] 25 mm diameter	m	63.00
	23.8C	[C] 32 mm diameter	m	86.00
	23.8	[D] 40 mm diameter	m	91.00
	23.8	[E] 50 mm diameter	m	121.70
	23.8	[F] 75 mm diameter	m	209.00
	23.8	[G] 110 mm diameter	m	375.00

Rate for 2012-13 Rs. (6)	Rate for 2013-14 Rs. (7)	Rate for 2014-15 Rs. (8/)	Rate for 2015-16 Rs. (9)	Rate for 2016-17 Rs. (10)
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142.00	142.00	142.00	119.00
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183.00	183.00	183.00	154.00
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262.00	263.00	263.00	221.00
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401.00	402.00	402.00	338.00
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661.00	663.00	663.00	557.00
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849.00	851.00	851.00	715.00
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435.00	454.00	454.00	381.00
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57.00	59.00	59.00	50.00
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74.00	76.00	76.00	64.00
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86.00	88.00	88.00	74.00
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91.00	94.00	94.00	79.00
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121.90	124.40	124.40	104.00
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210.00	212.00	212.00	178.00
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375.00	378.00	378.00	318.00
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SR. NO.	Item No as per N.B.O	ITEM DESCRIPTION	UNIT	Rate for 2011-12 Rs.
(1)	(2)	(3)	(4)	(5)
5	0.0A	Providing and fixing to wall ceiling and floor 10.0 KgF/Sqcm 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 diameter	m	59.00
	0.0B	[B] 25 mm diameter	m	76.00
	0.0C	[C] 32 mm diameter	m	86.00
	0.0	[D] 40 mm diameter	m	124.00
	0.0	[E] 50 mm diameter	m	175.00
	0.0	[F] 75 mm diameter	m	295.00
	0.0	[G] 110 mm diameter	m	487.00
6	23.79	Providing and fixing cast iron spigot & socket soil, waste and ventilating pipes of the following nominal size. (B) 75 mm diameter.	m	878.00
	23.79	(C) 100 mm diameter.	m	1056.00
7	0.0	Providing and fixing in position cowl vent to pipes. (B) 75 mm diameter.	Each	392.00
	0.0	(C) 100 mm diameter.	Each	531.00

Rate for 2012-13 Rs.	Rate for 2013-14 Rs.	Rate for 2014-15 Rs.	Rate for 2015-16 Rs.	Rate for 2016-17 Rs.
(6)	(7)	(8/)	(9)	(10)

59.00	61.00	61.00	51.00
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76.00	78.00	78.00	66.00
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90.00	92.00	92.00	77.00
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124.00	127.00	127.00	107.00
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176.00	178.00	178.00	150.00
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295.00	297.00	297.00	249.00
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487.00	490.00	490.00	412.00
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964.00	966.00	966.00	811.00
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1160.00	1162.00	1162.00	976.00
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428.00	431.00	431.00	362.00
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581.00	584.00	584.00	491.00
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SR. NO.	Item No as per N.B.O	ITEM DESCRIPTION	UNIT	Rate for 2011-12 Rs.
(1)	(2)	(3)	(4)	(5)
7A	0.0	Providing, laying and jointing in true line and level 160 diameter U.P.V.C (Type 'B') conforming to IS 13592-1992 with one end plain and other end socketed with rubber ring, & fittings conforming to ISI 14735-1999 of approved make for drainage system pipe line, pipe shall be jointed with each other with rubber lubricant, pipe shall be fixed on wall using of PVC clamp of the size 160 mm diameter x 210 mm length x 196 mm height at every 2000 mm center to center or shall be concealed in walls as directed including necessary fittings such as bends, shoes etc. including testing of pipes and joints and jointed with adhesive solvent cement including cost of all materials.	Rmt.	-
7B	0.0	Providing, laying and jointing in true line and level 110 diameter U.P.V.C (Type 'B') conforming to IS 13592-1992 with one end plain and other end socketed with rubber ring, & fittings conforming to ISI 14735-1999 of approved make for drainage system pipe line, pipe shall be jointed with each other with rubber lubricant, pipe shall be fixed on wall using of PVC clamp of the size 110 mm diameter x 149 mm length x 145 mm height at every 2000 mm center to center or shall be concealed in walls as directed including necessary fittings such as bends, shoes etc. including testing of pipes and joints and jointed with adhesive solvent cement including cost of all materials.	Rmt	-
8	0.0	Providing and fixing A.C soil down take pipe with necessary bends etc. complete. (I) 75 mm diameter.	m	36.00
	0.0	(II) 100 mm diameter.	m	42.00

Rate for 2012-13 Rs. (6)	Rate for 2013-14 Rs. (7)	Rate for 2014-15 Rs. (8/)	Rate for 2015-16 Rs. (9)	Rate for 2016-17 Rs. (10)
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-	948.00	948.00	796.00	
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-	526.00	526.00	442.00	
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36.00	DELETED	DELETED	#VALUE!	
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42.00	DELETED	DELETED	#VALUE!	
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SR. NO.	Item No as per N.B.O	ITEM DESCRIPTION	UNIT	Rate for 2011-12 Rs.
(1)	(2)	(3)	(4)	(5)
9	23.87	Providing and fixing cast iron (spun) Nahni trap of the following nominal diameter of self cleansing design with C.I scread down or hinged grating including the cost of cutting and making good the walls and floors 100 mm inlet and 50 mm outlet.	Each	401.00
9A	0.00	Providing and fixing PVC SWR Nahni trap IS 14735 for drain - 100 mm diameter with jali of the following nominal diameter of self cleansing design with C.I scread down or hinged grating including the cost of cutting and making good the walls.	Each	-
9B	0.00	Providing and fixing PVC SWR Nahni trap IS 14735 for drain - 75 mm diameter with jali of the following nominal diameter of self cleansing design with C.I scread down or hinged grating including the cost of cutting and making good the walls.	Each	-
10	23.111	Providing and fixing water closet squatting pan (Indian type W.C pan) size 580 mm (earthwork, bed concrte, foot rests and trap to be measured and paid for seperately) (A) Vitreous China (I) Long pattern white colour.	Each	647.00
11	23.112	Providing and fixing wash down water closet (European type W.C pan) with integral P or S trap including jointing the trap with soil pipe in cement mortar 1:1 (1 cement : 1 fine sand) (seat and cover to be measured and paid for seperately) (A) Vitreous China (I) Long pattern white colour.	Each	966.00

Rate for 2012-13 Rs. (6)	Rate for 2013-14 Rs. (7)	Rate for 2014-15 Rs. (8/)	Rate for 2015-16 Rs. (9)	Rate for 2016-17 Rs. (10)
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432.00	453.00	453.00	381.00
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-	355.00	355.00	298.00
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-	345.00	345.00	290.00
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679.00	700.00	700.00	588.00
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1022.00	1043.00	1043.00	876.00
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SR. NO.	Item No as per N.B.O	ITEM DESCRIPTION	UNIT	Rate for 2011-12 Rs.
(1)	(2)	(3)	(4)	(5)
12	23.113	Providing and fixing 100 mm size P or S trap for water closet suqting pan including jointing the trap with the pan & soil pipe in cement mortar 1:1 (1 cement : 1 fine sand) (A) Vitreous China.	Each	217.00
13	23.114	Providing and fixing in cement mortar 1:3 (1 cement : 3 coarse sand) a pair of white vitreous china 250 mm x 130 mm x 30 mm foot rest for long pattern squatting pan water closet.	Pair	95.00
14	23.115	Providing & fixing white colour china vitreous 12.5 lit. low level flushing cistern with a pair of C.I.or mild steel brackets etc.complete with fittings such as lead valve less syphon 15mm nominal size brass ball valve with polythene float, C.P.Brass handle unions and couplings for connections with inlet,outlet & overflow pipe 40mm dia porcelain enamelled flush bend including cutting holes in walls & making good the same,connecting the flush bend with cistern & closet. (Over flow pipe to be measured and paid for seperately).	Each	2217.00
15	23.116	Providing & fixing 12.5 lit. high level C.I flushing cistern with a pair of C.I.or mild steel brackets complete with fittings such as syphonic arrangement, 15mm nominal size brass ball valve with polythene float, level, G.I chain (60 cm) & pull unions and couplings for connections with inlet,outlet & overflow pipe etc. including cutting holes in walls & making good the same, (Over flow pipe to be measured and paid for seperately).	Each	1145.00

Rate for 2012-13 Rs. (6)	Rate for 2013-14 Rs. (7)	Rate for 2014-15 Rs. (8/)	Rate for 2015-16 Rs. (9)	Rate for 2016-17 Rs. (10)
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226.00	236.00	236.00	198.00	
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101.00	102.00	102.00	86.00	
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2416.00	2437.00	2437.00	2047.00	
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1240.00	1258.00	1258.00	1057.00	
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SR. NO.	Item No as per N.B.O	ITEM DESCRIPTION	UNIT	Rate for 2011-12 Rs.
(1)	(2)	(3)	(4)	(5)
16	23.117	Providing and fixing in position with clamps etc. 32 mm nominal internal diameter galvanised steel tube flushing pipe for high level flushing cistern including connecting the flush pipe with cistern and closet & making good the walls and floors.	m	299.00
17	23.120	Providing and fixing G.I inlet connection for flush pipe with W.C pan.	Each	19.30
18	23.121	Providing and fixing plastic seat & cover for wash down water closet with C.P brass hinges and rubber buffers. (B) Black plastic seat & cover.	Each	372.00
19	23.127	Providing and fixing washbasin with single hole for pillar tap with C.I.or M.S.brackets painted with including cutting holes and making good the same but excluding the fittings. (A) vitreous China (II) Flat back washbasin 550 mm x 400 mm size (I) in white colour.	Each	981.00
20	23.130	Providing and fixing kitchen sink with C.I.or M.S.brackets painted with including cutting holes and making good the same but excluding the fittings. (A) Vitreous China (II) Flat back washbasin 600 mm x 450 mm x 150 mm size.	Each	2124.00
21	23.135	Providing and fixing C.P brass waste for wash basin or sink (A) 32 mm diameter.	Each	77.00
	23.135	(B) 40 mm diameter.	Each	102.00
22	23.136	Providing and fixing M.I fisher union for wash basin or sink (A) 32 mm diameter.	Each	93.00
	23.136	(B) 40 mm diameter.	Each	105.00

Rate for 2012-13 Rs. (6)	Rate for 2013-14 Rs. (7)	Rate for 2014-15 Rs. (8/)	Rate for 2015-16 Rs. (9)	Rate for 2016-17 Rs. (10)
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339.00	343.00	343.00	288.00
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19.30	19.30	19.30	16.00
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397.00	397.00	397.00	333.00
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1100.00	1058.00	1058.00	889.00
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2256.00	2279.00	2279.00	1914.00
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85.00	85.00	85.00	71.00
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112.00	112.00	112.00	94.00
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103.00	103.00	103.00	87.00
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115.00	115.00	115.00	97.00
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SR. NO.	Item No as per N.B.O	ITEM DESCRIPTION	UNIT	Rate for 2011-12 Rs.
(1)	(2)	(3)	(4)	(5)
23	23.139	Providing and fixing 100 mm cast iron grating for gully, floor or Nahni trap.	Each	47.00
24	23.141	Providing and fixing C.P brass shower rose with 15 mm or 20 mm inlet. (A) 100 mm diameter.	Each	349.00
25	23.143	Providing and fixing 600 mm x 450 mm bevelled edge mirror of superior glass mounted on 6 mm thick A.C sheet or plywood sheet and fixed to wooden plugs with C.P brass screws (B) 600 mm x 20 mm size.	Each	637.00
26	23.144	Providing and fixing C.P brass towel rail complete with C.P brass bracket fixed to wooden plugs with C.P brass screws. (B) 600 mm x 20 mm size.	Each	639.00
27	23.145	Providing and fixing 600 mm x 120 mm glass shelf with C.P bracket and guard rail complete, fixed to wooden plugs with C.P brass screws.	Each	393.00
28	23.146	Providing and fixing toilet paper holder (A) C.Brass.	Each	413.00
29	23.92	Providing and fixing screw down bib taps of following size (A) Brass screw down bib tap polished bright (I) 15 mm diameter.	Each	204.00
	23.92	(A) Brass screw down bib tap polished bright (II) 20 mm diameter.	Each	256.00
	23.92	(B) Brass chromium plated screw down bib tap (I) 15 mm diameter.	Each	233.00
	23.92	(B) Brass chromium plated screw down bib tap (II) 20 mm diameter.	Each	268.00

Rate for 2012-13 Rs.	Rate for 2013-14 Rs.	Rate for 2014-15 Rs.	Rate for 2015-16 Rs.	Rate for 2016-17 Rs.
(6)	(7)	(8/)	(9)	(10)

51.60	51.60	51.60	43.00
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383.00	383.00	383.00	322.00
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675.00	690.00	690.00	580.00
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697.00	705.00	705.00	592.00
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423.00	434.00	434.00	365.00
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450.00	456.00	456.00	383.00
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225.00	225.00	225.00	189.00
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282.00	282.00	282.00	237.00
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256.00	256.00	256.00	215.00
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295.00	295.00	295.00	248.00
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SR. NO.	Item No as per N.B.O	ITEM DESCRIPTION	UNIT	Rate for 2011-12 Rs.
(1)	(2)	(3)	(4)	(5)
	23.92	(C) Gun metal screw down bib tap (I) 15 mm diameter.	Each	198.00
	23.92	(C) Gun metal screw down bib tap (II) 20 mm diameter.	Each	222.00
30	23.95	Providing and fixng pillar tap, capstan head, screw down high pressure with screws, shanks and back nuts. (I) 15 mm diameter.	Each	384.00
	23.95	(II) 20 mm diameter.	Each	442.00
31	23.95	Providing and fixng brass screw down stop tap (A) 15 mm diameter.	Each	256.00
	23.95	(B) 20 mm diameter.	Each	280.00
	23.95	(C) 25 mm diameter.	Each	256.00
32	23.99	Providing and fixng gun metal check or non-reurn full way wheel valve (A) 15 mm diameter.	Each	303.00
	23.99	(B) 20 mm diameter.	Each	280.00
	23.99	(C) 25 mm diameter.	Each	523.00
	23.99	(D) 32 mm diameter.	Each	430.00
	23.99	(E) 40 mm diameter.	Each	825.00
33	0.0	Providing and fixng chromium plated brass half turn flush cock of approved quality including fixing in pipe line etc. complete. (I) 20 mm diameter.	Each	349.00
	0.0	(II) 25 mm diameter.	Each	361.00
	0.0	(III) 32 mm diameter.	Each	378.00

Rate for 2012-13 Rs. (6)	Rate for 2013-14 Rs. (7)	Rate for 2014-15 Rs. (8/)	Rate for 2015-16 Rs. (9)	Rate for 2016-17 Rs. (10)
218.00	218.00	218.00	183.00	
244.00	244.00	244.00	205.00	
422.00	422.00	422.00	354.00	
486.00	486.00	486.00	408.00	
282.00	282.00	282.00	237.00	
280.00	280.00	280.00	235.00	
303.00	303.00	303.00	255.00	
256.00	256.00	256.00	215.00	
280.00	280.00	280.00	235.00	
575.00	575.00	575.00	483.00	
430.00	430.00	430.00	361.00	
907.00	907.00	907.00	762.00	
349.00	349.00	349.00	293.00	
361.00	361.00	361.00	303.00	
378.00	378.00	378.00	318.00	

SR. NO.	Item No as per N.B.O	ITEM DESCRIPTION	UNIT	Rate for 2011-12 Rs.
(1)	(2)	(3)	(4)	(5)
34	23.122	Providing and fixing urinal of approved quality including connecting the urinal with waste pipe, trap etc. complete (A) White earthenware flat back or corner type size 430 mm x 260 mm x 350 mm	Each	726.00
35	23.124	Providing and fixing urinal of approved quality including connection with trap and with integral longitudinal flush pipe (A) Squatting pattern white earthenware 550 mm x 300 mm.	Each	1069.00
36	23.134	Providing and fixing rubber plug for sink or wash basin.	Each	21.00
37	0.0	Providing and fixing chromium plated bottle trap with necessary coupling of approved quality for washbasin.	Each	384.00
38	0.0	Providing and fixing ball cock of approved quality as directed. (A) Copper metal. (I) 25 mm diameter.	Each	184.00
	0.0	(A) Copper metal. (II) 50 mm diameter.	Each	261.00
	0.0	(B) Abonite. (I) 25 mm diameter.	Each	143.00
	0.0	(B) Abonite. (I) 50 mm diameter.	Each	190.00
39	0.0	Providing and fixing C.I manhole cover 0.60 mt x 0.45 mt size having weight not less than 35 Kg.	Each	1191.00
40	0.0	Providing and fixing G.I rain water spout of 50 mm diameter and 30 cm length.	Each	125.40
41	0.0	Providing and fixing 600 mm x 450 bevelled edge mirror fixed to wooden plug with C.P brass.	Each	560.00

Rate for 2012-13 Rs. (6)	Rate for 2013-14 Rs. (7)	Rate for 2014-15 Rs. (8/)	Rate for 2015-16 Rs. (9)	Rate for 2016-17 Rs. (10)
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767.00	783.00	783.00	658.00
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1119.00	1161.00	1161.00	975.00
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22.00	22.00	22.00	18.00
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384.00	384.00	384.00	323.00
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184.00	184.00	184.00	155.00
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261.00	261.00	261.00	219.00
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143.00	143.00	143.00	120.00
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190.00	190.00	190.00	160.00
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1311.00	1311.00	1311.00	1101.00
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144.20	144.20	144.20	121.00
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595.00	609.00	609.00	512.00
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SR. NO.	Item No as per N.B.O	ITEM DESCRIPTION	UNIT	Rate for 2011-12 Rs.
(1)	(2)	(3)	(4)	(5)
42	0.0	Providing erecting and fixing double coated Syntex or equivalent PVC. (ISI) water tank of required capacity each with all necessary fittings and connection etc. complete on terrace.	Liter	-

CHAPTER : 24 : DRAINAGE AND SEWERAGE ITEMS

1	24.1	Providing and laying (To level or slopes)& joining with stiff, mixture of cement mortar in proportion 1:1, salt glazed stoneware pipes following nominal internal diameters including testing of pipes and joints complete. [A] 100 mm. diameter.	m	146.00
	24.1	[B] 150 mm. diameter.	m	201.00
2	24.2	Providing and laying cement concrete 1:5:10 (1 cement : 5 fine sand : 10 graded stone aggregate 40 mm nominal size) bedding for stone ware pipes of following internal diameter with necessary formwork and curing complete. (A) 100 mm diameter (112 mm average bed thickness)	m	98.00
	24.2	(B) 150 mm diameter (166 mm average bed thickness)	m	165.00
3	0.0	Providing and laying lime concrete 1:2:4 (1 lime putty : 2 fine sand : 4 graded brick aggregate 40 mm nominal size) bedding for stone ware pipes of following internal diameter with necessary formwork and curing complete. (A) 100 mm diameter (112 mm average bed thickness)	m	67.00

Rate for 2012-13 Rs. (6)	Rate for 2013-14 Rs. (7)	Rate for 2014-15 Rs. (8/)	Rate for 2015-16 Rs. (9)	Rate for 2016-17 Rs. (10)
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4.60

4.60

4.60

4.00

155.00

159.00

159.00

134.00

213.00

218.00

218.00

183.00

114.00

118.00

118.00

99.00

192.00

199.00

199.00

167.00

76.00

80.00

80.00

67.00

SR. NO.	Item No as per N.B.O	ITEM DESCRIPTION	UNIT	Rate for 2011-12 Rs.
(1)	(2)	(3)	(4)	(5)
	0.0	(B) 150 mm diameter (166 mm average bed thickness)	m	114.00
4	24.17	Extra over item 24.1 for providing alst glazed stoneware fitting. (I) Bends of required degree (any radius) of following internal diameters. (A) 100 mm diameter.	Each	66.00
	24.17	(I) Bends of required degree (any radius) of following internal diameters. (B) 150 mm diameter.	Each	77.00
	24.17	(II) Tapper bends of required degree of following internal diameters. (A) 100 mm x 150 mm	Each	95.00
	24.17	(III) Single junction of required degree of following internal diameters. (A) 100 mm diameter.	Each	83.00
	24.17	(III) Single junction of required degree of following internal diameters. (B) 150 mm diameter.	Each	153.00
5	24.18	Providing and jointing & pointing with stiff mixture of cement mortar 1:1 (1 cement : 1 fine sand) 150 mm internal diameter salt glazed stoneware hlaf round channels.	m	143.00
6	24.19	Providing and fixing S.W. Gully trap with C.I. grating brick masonry chamber & water tight C.I. cover with frame of 300 mm x 300 mm.size (inside) with standard weight. [I] Square mouth trap (A) 100 mm. x 100 mm. size P-type.	Each	1270.00

Rate for 2012-13 Rs. (6)	Rate for 2013-14 Rs. (7)	Rate for 2014-15 Rs. (8/)	Rate for 2015-16 Rs. (9)	Rate for 2016-17 Rs. (10)
127.00	135.00	135.00	113.00	
70.00	70.00	70.00	63.00	
83.00	83.00	83.00	74.00	
102.00	102.00	102.00	86.00	
89.00	89.00	89.00	75.00	
163.00	163.00	163.00	137.00	
153.00	156.00	156.00	131.00	
1406.00	1432.00	1432.00	1203.00	

SR. NO.	Item No as per N.B.O	ITEM DESCRIPTION	UNIT	Rate for 2011-12 Rs.
(1)	(2)	(3)	(4)	(5)
7	24.19	Providing and fixing S.W. Gully trap with C.I. grating brick masonry chamber & water tight C.I. cover with frame of 300 mm x 300 mm.size (inside) with standard weight. [I] Square mouth trap (B) 150 mm. x 100 mm. size P or R type.	Each	1294.00
8	24.22	Providing and laying (To level or slopes) and jointing reinforced concrete light duty Non-pressure pipes I.S Class NP2 of the following internal diameter with collars and butt ends prepared for collar joints including testing of joints complete. (B) 150 mm diameter.	m	275.00
	24.22	(C) 250 mm diameter.	m	406.00
	24.22	(D) 300 mm diameter.	m	474.00
	24.22	(E) 450 mm diameter.	m	850.00
	24.22	(F) 500 mm diameter.	m	735.00
	24.22	(G) 600 mm diameter.	m	1137.00
	24.22	(H) 900 mm diameter.	m	2070.00
	24.22	(I) 1050 mm diameter.	m	2348.00
	24.22	(I) 1200 mm diameter.	m	2702.00

Rate for 2012-13 Rs.	Rate for 2013-14 Rs.	Rate for 2014-15 Rs.	Rate for 2015-16 Rs.	Rate for 2016-17 Rs.
(6)	(7)	(8/)	(9)	(10)

1435.00	1461.00	1461.00	1227.00
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277.00	282.00	282.00	237.00
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408.00	414.00	414.00	348.00
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517.00	523.00	523.00	439.00
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928.00	938.00	938.00	788.00
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1069.00	1079.00	1079.00	906.00
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1242.00	1255.00	1255.00	1054.00
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2264.00	2283.00	2283.00	1918.00
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2568.00	2590.00	2590.00	2176.00
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2854.00	2981.00	2981.00	2504.00
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SR. NO.	Item No as per N.B.O	ITEM DESCRIPTION	UNIT	Rate for 2011-12 Rs.
(1)	(2)	(3)	(4)	(5)
9	24.27	Constructing 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 mix (1 cement : 3 coarse sand : 6 brick bats 40 to 50 mm nominal size) inside plastering 15 mm thick with cement mortar 1:5 (1 cement : 5 coarse sand) finished with a floating coat of neat cement slurry and making channels in cement concrete 1:2:4 mix (1 cement : 2 coarse sand : 4 stone aggregate 20 mm nominal size) finished smooth complete including curing & testing (I) Inside size 900 mm x 1200 mm and 1.50 meter deep including C.I cover with frame size 560 mm diameter total weight of cover and frame to be not less than 128 Kgs (Weight of cover 64 Kg & weight of frame 64 Kg) (A) with 230 mm thick walls of brick masonry using bricks having crushing strength not less than 35 Kg / Sqcm in cement mortar 1:5 (1 cement : 5 coarse sand) (1) A-type depth 0.90 meter for 150 mm diameter sewer.	Each	10257.00
	24.27	(2) B-type depth 1.50 meter for 150 mm diameter sewer.	Each	16681.00
	24.27	(3) C-type depth 2.24 meter for 150 mm diameter sewer.	Each	19405.00
	24.27	(4) D-type depth 3.15 meter for 150 mm diameter sewer.	Each	24909.00
10	24.28	Extra rate for constructing B.B masonry for every additional depth 0.10 meter or part thereof over item 24.27 (I) for depth from 0.90 meter to 1.50 meter.	Each	393.00

Rate for 2012-13 Rs.	Rate for 2013-14 Rs.	Rate for 2014-15 Rs.	Rate for 2015-16 Rs.	Rate for 2016-17 Rs.
(6)	(7)	(8/)	(9)	(10)

11360.00

11609.00

11609.00

9752.00

19437.00

20019.00

20019.00

16816.00

22776.00

23518.00

23518.00

19755.00

29165.00

30161.00

30161.00

25335.00

471.00

492.00

492.00

413.00

SR. NO.	Item No as per N.B.O	ITEM DESCRIPTION	UNIT	Rate for 2011-12 Rs.
(1)	(2)	(3)	(4)	(5)
	24.28	Extra rate for constructing B.B masonry for every additional depth 0.10 meter or part thereof over item 24.27 (II) for depth from 1.50 meter to 2.25 meter.	Each	302.00
	24.28	Extra rate for constructing B.B masonry for every additional depth 0.10 meter or part thereof over item 24.27 (III) for depth from 2.25 meter to 3.15 meter.	Each	331.00
	24.28	Extra rate for constructing B.B masonry for every additional depth 0.10 meter or part thereof over item 24.27 (IV) for depth above 3.15 meter.	Each	503.00
11	24.33	Providing and fixing iron steps of size 500 mm x 150 mm x 22.5 mm and painting with two coats of anticorrosive paint etc. complete.	Each	119.00
12	24.35	Supplying and fixing C.I cover 300 mm x 300 mm without frame for gully trap (Standard pattern) the weight of cover to be not less than 4.53 Kg.	Each	588.00

Rate for 2012-13 Rs. (6)	Rate for 2013-14 Rs. (7)	Rate for 2014-15 Rs. (8/)	Rate for 2015-16 Rs. (9)	Rate for 2016-17 Rs. (10)
358.00	374.00	374.00	314.00	
395.00	412.00	412.00	346.00	
609.00	636.00	636.00	534.00	
120.00	123.00	123.00	103.00	
646.00	647.00	647.00	543.00	

SR. NO.	Item No as per N.B.O	ITEM DESCRIPTION	UNIT	Rate for 2011-12 Rs.
(1)	(2)	(3)	(4)	(5)
13	24.39	Providing and erecting at the site of work steel ventilating column of 150 mm internal diameter and 12.2 meter high from G.L to bottom of top grill, including C.I grill and base plate, bolts and nuts etc. and excavation in foundation of size 120 cm x 120 cm x 165 cm and filling the pit with first layer of cement concrete 1:3:6 mix (1 cement : 3 coarse sand : 6 graded stone aggregate 20 mm nominal size) of size 120 cm x 120 cm x 90 cm and remaining pit with B.B.C.C 1:3:6 mix (1 cement : 3 coarse sand : 6 graded brick bats 40 mm to 50 mm size) and providing fillet in cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) at G.L and three coats of silver paint etc. complete.	Each	30280.00
14	24.40	Constructing brick masonry road gully chamber 500 mm x 450 mm x 600 mm including 500 mm x 450 mm C.I horizontal grating with frame complete.	Each	1536.00
15	24.41	Constructing brick masonry road gully chamber 450 mm x 450 mm x 775 mm with vertical grating complete.	Each	1674.00
16	24.42	Constructing brick masonry road gully chamber 1100 mm x 500 mm x 775 mm including 500 mm x 450 mm C.I horizontal grating with frame & vertical grating complete.	Each	3217.00

Rate for 2012-13 Rs.	Rate for 2013-14 Rs.	Rate for 2014-15 Rs.	Rate for 2015-16 Rs.	Rate for 2016-17 Rs.
(6)	(7)	(8/)	(9)	(10)

30390.00

31412.00

31412.00

26386.00

1779.00

1849.00

1849.00

1553.00

2279.00

2357.00

2357.00

1980.00

3725.00

3838.00

3838.00

3224.00

SR. NO.	Item No as per N.B.O	ITEM DESCRIPTION	UNIT	Rate for 2011-12 Rs.
(1)	(2)	(3)	(4)	(5)
17	24.44	Constructing brick masonry chamber for underground C.I. inspection chamber and bends with bricks having crushing strength not less than 35 kg./Sqcm. In C.M. 1:5 C.I. cover with frame (Light duty) 455 mm. x 610 mm. internal dimension, total weight of cover with frame to be not less than 38 kg. (Weight of cover 23 kg. and weight of frame 15 kg.) R.C.C. top slab of cover 23 kg. and weight of frame 15 kg.) R.C.C. top slab with 1:2:4 mix (1 cement: 2 coarse sand : graded stone aggregate 20 mm. nominal size) foundation concrete 1:5:10 inside plaster 15 mm. thick with cement mortar 1:3 finished smooth with a floating coat of neat cement on walls and bed concrete etc. complete. [I] Inside dimensions 455 mm. x 610 mm. & 450 mm. deep for single pipe	Each	2584.00
	24.44	[II] Inside dimensions 500 mm. x 700 mm. & 450 mm. deep for pipe lines one or two.	Each.	3057.00
	24.44	[III] Inlets dimensions 600 mm. x 850 mm. & 450 mm. deep for pipe lines with three or more inlets.	Each.	7654.00
18	24.46	Extra over item 24.44 for every additional depth of 0.10 meter or part thereof beyond 450 mm depth for brick masonry chamber. (I) For 455 mm x 610 mm	Each	175.00
	24.46	Extra over item 24.44 for every additional depth of 0.10 meter or part thereof beyond 450 mm depth for brick masonry chamber. (II) For 500 mm x 700 mm	Each	192.00

Rate for 2012-13 Rs. (6)	Rate for 2013-14 Rs. (7)	Rate for 2014-15 Rs. (8/)	Rate for 2015-16 Rs. (9)	Rate for 2016-17 Rs. (10)
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2849.00	2909.00	2909.00	2444.00	
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3373.00	3434.00	3434.00	2885.00	
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8427.00	8499.00	8499.00	7139.00	
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218.00	227.00	227.00	191.00	
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237.00	248.00	248.00	208.00	
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SR. NO.	Item No as per N.B.O	ITEM DESCRIPTION	UNIT	Rate for 2011-12 Rs.
(1)	(2)	(3)	(4)	(5)
	24.46	Extra over item 24.44 for every additional depth of 0.10 meter or part thereof beyond 450 mm depth for brick masonry chamber. (III) For 600 mm x 850 mm	Each	236.00
19	0.0	(A) Providing sock pit of 2.0 Cmt volume including excavating, filling brick bats with dry masonry work at top for 45 cm height including providing vatas in cement mortar 1:3 with finishing, curing etc. complete.	Each	1115.00
	0.0	(B) Providing sock pit of 5.0 Cmt volume including excavating, filling brick bats with dry masonry work at top for 45 cm height including providing vatas in cement mortar 1:3 with finishing, curing etc. complete.	Each	2787.00

Rate for 2012-13 Rs. (6)	Rate for 2013-14 Rs. (7)	Rate for 2014-15 Rs. (8/)	Rate for 2015-16 Rs. (9)	Rate for 2016-17 Rs. (10)
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292.00	305.00	305.00	256.00	
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1224.00	1286.00	1286.00	1080.00	
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3062.00	3216.00	3216.00	2701.00	
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SCHEDULE OF RATES FOR CONVEYANCE OF MATERIAL

Sr. No	Item No as per N.B.O	Description	Unit	Rate of Year 2007-08
1	3.2.1	(A) Lime, murrum, building rubbish, manure or sludge and excavated rock and fly ash		
		Lime, Murrum, Building Rubbish		
		A. 0.50 km	cum	52.62
		B. 1.00 km	cum	56.81
		C. 1.50 km	cum	60.94
		D. 2.00 km	cum	64.87
		E. 2.50 km	cum	68.93
		F. 3.00 km	cum	72.84
		G. 3.50 km	cum	76.70
		H. 4.00 km	cum	80.52
		I. 4.50 km	cum	84.26
		J. 5.00 km	cum	87.98
		Rate per unit km for kilometerage above 5.0 km lead falling in total range between km ... to ... km.		
		K. Above 5.0 km & upto 10.00 km	cum / km	5.66
		K. Above 10.0 km & upto 15.00 km	cum / km	5.12
		K. Above 15.0 km & upto 25.00 km	cum / km	4.74
		K. Above 25.0 km & upto 50.00 km	cum / km	4.69
		K. Above 50.0 km & upto 100.00 km	cum / km	4.17
		K. Above 100.0 km & upto 200.00 km	cum / km	4.15
		K. Above 200.0 km & upto 400.00 km	cum / km	3.99
		K. Above 400.0 km	cum / km	3.86

Rate of Year 2008-09	Rate of Year 2011-12	Rate for 2012-13 Rs.	Rate for 2013-14 Rs.	Rate for 2014-15 Rs.	Rate for 2015-16 Rs.
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63.11	80.19	86.42	92.79	92.79	87.17
68.11	86.18	92.91	99.87	99.87	93.51
73.06	92.08	99.30	106.85	106.85	99.76
77.77	97.69	105.37	113.49	113.49	105.69
82.62	103.48	111.65	120.35	120.35	111.81
87.30	109.04	117.68	126.94	126.94	117.70
91.92	114.53	123.63	133.45	133.45	123.50
96.49	119.95	129.51	139.88	139.88	129.22
100.96	125.25	135.25	146.16	146.16	134.81
105.42	130.54	140.98	152.44	152.44	140.37

6.77	7.82	8.49	9.36	9.36	8.15
6.12	6.99	7.60	8.41	8.41	7.25
5.66	6.40	6.97	7.73	7.73	6.61
5.60	6.33	6.89	7.65	7.65	6.54
5.01	5.87	6.39	6.97	6.97	7.39
4.97	5.68	6.18	6.82	6.82	6.49
4.79	5.43	5.92	6.54	6.54	6.23
4.62	5.19	5.67	6.28	6.28	3.02

Sr. No	Item No as per N.B.O	Description	Unit	Rate of Year 2007-08
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3.2.1 (A) Lime, murrum, building rubbish, manure or sludge and excavated rock and fly ash

2.0 Earth

A. 0.50 km	cum	65.78
B. 1.00 km	cum	71.01
C. 1.50 km	cum	76.17
D. 2.00 km	cum	81.09
E. 2.50 km	cum	86.16
F. 3.00 km	cum	91.05
G. 3.50 km	cum	95.88
H. 4.00 km	cum	100.65
I. 4.50 km	cum	105.32
J. 5.00 km	cum	109.98

Rate per unit km for kilometerage above 5.0 km lead falling in total range between km ... to ... km.

K. Above 5.0 km & upto 10.00 km	cum / km	7.07
K. Above 10.0 km & upto 15.00 km	cum / km	6.40
K. Above 15.0 km & upto 25.00 km	cum / km	5.92
K. Above 25.0 km & upto 50.00 km	cum / km	5.86
K. Above 50.0 km & upto 100.00 km	cum / km	5.22
K. Above 100.0 km & upto 200.00 km	cum / km	5.19
K. Above 200.0 km & upto 400.00 km	cum / km	4.99
K. Above 400.0 km	cum / km	4.82

Rate of Year 2008-09	Rate of Year 2011-12	Rate for 2012-13 Rs.	Rate for 2013-14 Rs.	Rate for 2014-15 Rs.	Rate for 2015-16 Rs.
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78.88	100.24	108.03	115.98	115.98	108.97
85.14	107.73	116.14	124.84	124.84	116.89
91.32	115.10	124.13	133.56	133.56	124.70
97.21	122.11	131.72	141.86	141.86	132.11
103.27	129.34	139.56	150.43	150.43	139.76
109.13	136.30	147.10	158.68	158.68	147.12
114.90	143.16	154.54	166.81	166.81	154.37
120.62	149.94	161.89	174.85	174.85	161.53
126.21	156.56	169.06	182.70	182.70	168.51
131.78	163.17	176.23	190.55	190.55	175.46

8.46	9.77	10.62	11.70	11.70	10.19
7.65	8.74	9.50	10.51	10.51	9.06
7.08	8.01	8.72	9.67	9.67	8.27
7.00	7.91	8.62	9.56	9.56	8.17
6.27	7.34	7.99	8.72	8.72	9.23
6.22	7.10	7.73	8.52	8.52	8.12
5.98	6.79	7.40	8.17	8.17	7.79
5.78	6.49	7.08	7.84	7.84	3.77

Sr. No	Item No as per N.B.O	Description	Unit	Rate of Year 2007-08
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3.2.1 (A) Lime, murrum, building rubbish, manure or sludge and excavated rock and fly ash

3.0 Manure or Sludge

A. 0.50 km cum 57.20

B. 1.00 km cum 61.75

C. 1.50 km cum 66.24

D. 2.00 km cum 70.52

E. 2.50 km cum 74.92

F. 3.00 km cum 79.18

G. 3.50 km cum 83.37

H. 4.00 km cum 87.52

I. 4.50 km cum 95.63

J. 5.00 km cum 95.63

Rate per unit km for kilometerage above 5.0 km lead falling in total range between km ... to ... km.

K. Above 5.0 km & upto 10.00 km cum / km 6.15

K. Above 10.0 km & upto 15.00 km cum / km 5.56

K. Above 15.0 km & upto 25.00 km cum / km 5.15

K. Above 25.0 km & upto 50.00 km cum / km 5.10

K. Above 50.0 km & upto 100.00 km cum / km 4.54

K. Above 100.0 km & upto 200.00 km cum / km 4.51

K. Above 200.0 km & upto 400.00 km cum / km 4.34

K. Above 400.0 km cum / km 4.20

Rate of Year 2008-09	Rate of Year 2011-12	Rate for 2012-13 Rs.	Rate for 2013-14 Rs.	Rate for 2014-15 Rs.	Rate for 2015-16 Rs.
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68.59	87.17	93.94	100.85	100.85	94.75
74.04	93.68	100.99	108.56	108.56	101.64
79.41	100.09	107.93	116.14	116.14	108.44
84.53	106.18	114.54	123.36	123.36	114.88
89.80	112.47	121.35	130.81	130.81	121.53
94.90	118.52	127.91	137.98	137.98	127.93
99.92	124.49	134.38	145.05	145.05	134.24
104.89	130.39	140.77	152.05	152.05	140.46
114.59	141.89	153.24	165.69	165.69	152.58
114.59	141.89	153.24	165.69	165.69	152.58

7.35	8.50	9.23	10.18	10.18	8.86
6.65	7.60	8.26	9.14	9.14	7.88
6.15	6.96	7.58	8.40	8.40	7.19
6.09	6.88	7.49	8.31	8.31	7.10
5.45	6.39	6.94	7.58	7.58	8.03
5.41	6.17	6.72	7.41	7.41	7.06
5.20	5.91	6.44	7.11	7.11	6.77
5.03	5.65	6.16	6.82	6.82	3.28

Sr. No	Item No as per N.B.O	Description	Unit	Rate of Year 2007-08
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3.2.1 (A) Lime, murrum, building rubbish, manure or sludge and excavated rock and fly ash

4.0 Excavated rock

A. 0.50 km cum 105.25

B. 1.00 km cum 113.62

C. 1.50 km cum 121.88

D. 2.00 km cum 129.75

E. 2.50 km cum 137.86

F. 3.00 km cum 145.69

G. 3.50 km cum 153.40

H. 4.00 km cum 161.04

I. 4.50 km cum 168.51

J. 5.00 km cum 175.97

Rate per unit km for kilometerage above 5.0 km lead falling in total range between km ... to ... km.

K. Above 5.0 km & upto 10.00 km cum / km 11.31

K. Above 10.0 km & upto 15.00 km cum / km 10.23

K. Above 15.0 km & upto 25.00 km cum / km 9.47

K. Above 25.0 km & upto 50.00 km cum / km 9.38

K. Above 50.0 km & upto 100.00 km cum / km 8.35

K. Above 100.0 km & upto 200.00 km cum / km 8.30

K. Above 200.0 km & upto 400.00 km cum / km 7.99

K. Above 400.0 km cum / km 7.72

Rate of Year 2008-09	Rate of Year 2011-12	Rate for 2012-13 Rs.	Rate for 2013-14 Rs.	Rate for 2014-15 Rs.	Rate for 2015-16 Rs.
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126.21	160.39	172.84	185.57	185.57	174.35
136.23	172.37	185.82	199.75	199.75	187.02
146.11	184.16	198.60	213.70	213.70	199.52
155.54	195.37	210.65	226.98	226.98	211.37
165.24	206.95	223.29	240.69	240.69	223.61
174.61	218.08	235.36	253.88	253.88	235.39
183.84	229.06	247.26	266.89	266.89	246.99
192.99	239.91	259.02	279.76	279.76	258.44
201.93	250.50	270.50	292.33	292.33	269.62
210.84	261.07	281.96	304.88	304.88	280.74

13.53	15.63	16.99	18.72	18.72	16.30
12.24	13.98	15.20	16.81	16.81	14.50
11.32	12.81	13.95	15.46	15.46	13.23
11.21	12.66	13.79	15.30	15.30	13.07
10.03	11.75	12.78	13.95	13.95	14.77
9.95	11.35	12.36	13.64	13.64	12.98
9.57	10.87	11.84	13.08	13.08	12.46
9.25	10.39	11.33	12.55	12.55	6.03

Sr. No	Item No as per N.B.O	Description	Unit	Rate of Year 2007-08
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3.2.1 (B) Sand, stone aggregate and soling stone, brick & cinder aggregates.

1.0 Sand, Stone aggregate, brick/cinder aggregates below 40 mm.

A. 0.50 km cum 52.62

B. 1.00 km cum 56.81

C. 1.50 km cum 60.94

D. 2.00 km cum 64.87

E. 2.50 km cum 68.93

F. 3.00 km cum 72.84

G. 3.50 km cum 76.70

H. 4.00 km cum 80.52

I. 4.50 km cum 84.26

J. 5.00 km cum 87.98

Rate per unit km for kilometerage above 5.0 km lead falling in total range between km ... to ... km.

K. Above 5.0 km & upto 10.00 km cum / km 5.66

K. Above 10.0 km & upto 15.00 km cum / km 5.12

K. Above 15.0 km & upto 25.00 km cum / km 4.74

K. Above 25.0 km & upto 50.00 km cum / km 4.69

K. Above 50.0 km & upto 100.00 km cum / km 4.17

K. Above 100.0 km & upto 200.00 km cum / km 4.15

K. Above 200.0 km & upto 400.00 km cum / km 3.99

K. Above 400.0 km cum / km 3.86

Rate of Year 2008-09	Rate of Year 2011-12	Rate for 2012-13 Rs.	Rate for 2013-14 Rs.	Rate for 2014-15 Rs.	Rate for 2015-16 Rs.
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63.11	80.19	86.42	92.79	92.79	87.17
68.11	86.18	92.91	99.87	99.87	93.51
73.06	92.08	99.30	106.85	106.85	99.76
77.77	97.69	105.37	113.49	113.49	105.69
82.62	103.48	111.65	120.35	120.35	111.81
87.30	109.04	117.68	126.94	126.94	117.70
91.92	114.53	123.63	133.45	133.45	123.50
86.49	119.95	129.51	139.88	139.88	129.22
100.96	125.25	135.25	146.16	146.16	134.81
105.42	130.54	140.98	152.44	152.44	140.37

6.77	7.82	8.49	9.36	9.36	8.15
6.12	6.99	7.60	8.41	8.41	7.25
5.66	6.40	6.97	7.73	7.73	6.61
5.60	6.33	6.89	7.65	7.65	6.54
5.01	5.87	6.39	6.97	6.97	7.39
4.97	5.68	6.18	6.82	6.82	6.49
4.79	5.43	5.92	6.54	6.54	6.23
4.62	5.19	5.67	6.28	6.28	3.02

Sr. No	Item No as per N.B.O	Description	Unit	Rate of Year 2007-08
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3.2.1 (B) Sand, stone aggregate and soling stone, brick & cinder aggregates.

2.0 Stone aggregate 40 mm nominal size

A. 0.50 km	cum	57.02
B. 1.00 km	cum	61.56
C. 1.50 km	cum	66.03
D. 2.00 km	cum	70.30
E. 2.50 km	cum	74.69
F. 3.00 km	cum	78.93
G. 3.50 km	cum	83.11
H. 4.00 km	cum	87.25
I. 4.50 km	cum	91.30
J. 5.00 km	cum	95.34

Rate per unit km for kilometerage above 5.0 km lead falling in total range between km ... to ... km.

K. Above 5.0 km & upto 10.00 km	cum / km	6.13
K. Above 10.0 km & upto 15.00 km	cum / km	5.54
K. Above 15.0 km & upto 25.00 km	cum / km	5.13
K. Above 25.0 km & upto 50.00 km	cum / km	5.08
K. Above 50.0 km & upto 100.00 km	cum / km	4.52
K. Above 100.0 km & upto 200.00 km	cum / km	4.50
K. Above 200.0 km & upto 400.00 km	cum / km	4.33
K. Above 400.0 km	cum / km	4.18

Rate of Year 2008-09	Rate of Year 2011-12	Rate for 2012-13 Rs.	Rate for 2013-14 Rs.	Rate for 2014-15 Rs.	Rate for 2015-16 Rs.
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68.38	86.90	93.65	100.54	100.54	94.40
73.81	93.39	100.67	108.22	108.22	101.33
79.16	99.78	107.60	115.78	115.78	108.10
84.27	105.85	114.18	122.98	122.98	114.52
89.52	112.12	120.98	130.41	130.41	121.15
94.60	118.16	127.52	137.55	137.55	127.53
99.61	124.10	133.96	144.60	144.60	133.82
104.56	129.98	140.34	151.57	151.57	140.02
109.40	135.72	146.56	158.58	158.58	146.00
114.23	141.45	152.76	165.18	165.18	152.11

7.33	8.47	9.20	10.14	10.14	8.83
6.63	7.57	8.24	9.11	9.11	7.86
6.13	6.94	7.56	8.38	8.38	7.17
6.07	6.86	7.47	8.29	8.29	7.08
5.43	6.37	6.92	7.56	7.56	8.00
5.39	6.15	6.70	7.39	7.39	7.04
5.19	5.89	6.42	7.09	7.09	6.75
5.01	5.63	6.14	6.80	6.80	3.27

Sr. No	Item No as per N.B.O	Description	Unit	Rate of Year 2007-08
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3.2.1 (B) Sand, stone aggregate and soling stone, brick & cinder aggregates.

3.0 Soling stone

A. 0.50 km	cum	74.42
B. 1.00 km	cum	80.34
C. 1.50 km	cum	86.18
D. 2.00 km	cum	91.74
E. 2.50 km	cum	97.48
F. 3.00 km	cum	103.01
G. 3.50 km	cum	108.47
H. 4.00 km	cum	113.87
I. 4.50 km	cum	119.15
J. 5.00 km	cum	124.42

Rate per unit km for kilometerage above 5.0 km lead falling in total range between km ... to ... km.

K. Above 5.0 km & upto 10.00 km	cum / km	8.00
K. Above 10.0 km & upto 15.00 km	cum / km	7.24
K. Above 15.0 km & upto 25.00 km	cum / km	6.70
K. Above 25.0 km & upto 50.00 km	cum / km	6.63
K. Above 50.0 km & upto 100.00 km	cum / km	5.90
K. Above 100.0 km & upto 200.00 km	cum / km	5.87
K. Above 200.0 km & upto 400.00 km	cum / km	5.65
K. Above 400.0 km	cum / km	5.46

Rate of Year 2008-09	Rate of Year 2011-12	Rate for 2012-13 Rs.	Rate for 2013-14 Rs.	Rate for 2014-15 Rs.	Rate for 2015-16 Rs.
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89.24	113.40	122.21	131.21	131.21	123.27
96.32	121.88	131.39	141.23	141.23	132.23
103.31	130.22	140.42	151.10	151.10	141.08
109.97	138.14	149.01	160.49	160.49	149.46
116.83	146.33	157.88	170.19	170.19	158.11
123.46	154.20	166.42	179.51	179.51	166.44
129.99	161.96	174.83	188.71	188.71	174.64
136.46	169.63	183.15	197.81	197.81	182.74
142.78	177.12	191.26	206.69	206.69	190.64
149.08	184.60	199.37	215.57	215.57	198.51

9.57	11.05	12.01	13.24	13.24	11.53
8.65	9.88	10.75	11.89	11.89	10.25
8.00	9.06	9.86	10.93	10.93	9.35
7.92	8.95	9.75	10.81	10.81	9.24
7.09	8.31	9.03	9.86	9.86	10.44
7.03	8.03	8.74	9.64	9.64	9.18
6.77	7.69	8.37	9.25	9.25	8.81
6.54	7.35	8.01	8.87	8.87	4.27

Sr. No	Item No as per N.B.O	Description	Unit	Rate of Year 2007-08
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3.2.1 (B) Sand, stone aggregate and soling stone, brick & cinder aggregates.

4.0 Concrete Block (Foam)

A. 0.50 km	cum	52.62
B. 1.00 km	cum	56.81
C. 1.50 km	cum	60.94
D. 2.00 km	cum	64.87
E. 2.50 km	cum	68.93
F. 3.00 km	cum	72.84
G. 3.50 km	cum	76.70
H. 4.00 km	cum	80.52
I. 4.50 km	cum	84.26
J. 5.00 km	cum	87.98

Rate per unit km for kilometerage above 5.0 km lead falling in total range between km ... to ... km.

K. Above 5.0 km & upto 10.00 km	cum / km	5.66
K. Above 10.0 km & upto 15.00 km	cum / km	5.12
K. Above 15.0 km & upto 25.00 km	cum / km	4.74
K. Above 25.0 km & upto 50.00 km	cum / km	4.69
K. Above 50.0 km & upto 100.00 km	cum / km	4.17
K. Above 100.0 km & upto 200.00 km	cum / km	4.15
K. Above 200.0 km & upto 400.00 km	cum / km	3.99
K. Above 400.0 km	cum / km	3.86

Rate of Year 2008-09	Rate of Year 2011-12	Rate for 2012-13 Rs.	Rate for 2013-14 Rs.	Rate for 2014-15 Rs.	Rate for 2015-16 Rs.
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63.11	80.19	86.42	92.79	92.79	87.17
68.11	86.18	92.91	99.87	99.87	93.51
73.06	92.08	99.30	106.85	106.85	99.76
77.77	97.69	105.37	113.49	113.49	105.69
82.62	103.48	111.65	120.35	120.35	111.81
87.30	109.04	117.68	126.94	126.94	117.70
91.92	114.53	123.63	133.45	133.45	123.50
86.49	119.95	129.51	139.88	139.88	129.22
100.96	125.25	135.25	146.16	146.16	134.81
105.42	130.54	140.98	152.44	152.44	140.37

6.77	7.82	8.49	9.36	9.36	8.15
6.12	6.99	7.60	8.41	8.41	7.25
5.66	6.40	6.97	7.73	7.73	6.61
5.60	6.33	6.89	7.65	7.65	6.54
5.01	5.87	6.39	6.97	6.97	7.39
4.97	5.68	6.18	6.82	6.82	6.49
4.79	5.43	5.92	6.54	6.54	6.23
4.62	5.19	5.67	6.28	6.28	3.02

Sr. No	Item No as per N.B.O	Description	Unit	Rate of Year 2007-08
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3.2.2 Bricks

1. Modular & Traditional Bricks

A. 0.50 km	1000 Nos	105.25
B. 1.00 km	1000 Nos	113.62
C. 1.50 km	1000 Nos	121.88
D. 2.00 km	1000 Nos	129.75
E. 2.50 km	1000 Nos	137.86
F. 3.00 km	1000 Nos	145.69
G. 3.50 km	1000 Nos	153.40
H. 4.00 km	1000 Nos	161.04
I. 4.50 km	1000 Nos	168.51
J. 5.00 km	1000 Nos	175.97

Rate per unit km for kilometerage above 5.0 km lead falling in total range between km ... to ... km.

K. Above 5.0 km & upto 10.00 km	1000 Nos / krr	11.31
K. Above 10.0 km & upto 15.00 km	1000 Nos / krr	10.23
K. Above 15.0 km & upto 25.00 km	1000 Nos / krr	9.47
K. Above 25.0 km & upto 50.00 km	1000 Nos / krr	9.38
K. Above 50.0 km & upto 100.00 km	1000 Nos / krr	8.35
K. Above 100.0 km & upto 200.00 km	1000 Nos / krr	8.30
K. Above 200.0 km & upto 400.00 km	1000 Nos / krr	7.99
K. Above 400.0 km	1000 Nos / krr	7.92

Rate of Year 2008-09	Rate of Year 2011-12	Rate for 2012-13 Rs.	Rate for 2013-14 Rs.	Rate for 2014-15 Rs.	Rate for 2015-16 Rs.
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126.21	160.39	172.84	185.57	185.57	174.35
136.23	172.37	185.82	199.75	199.75	187.02
146.11	184.16	198.60	213.70	213.70	199.52
155.54	195.37	210.65	226.98	226.98	211.37
165.24	206.95	223.29	240.69	240.69	223.61
174.61	218.08	235.36	253.88	253.88	235.39
183.84	229.06	247.26	266.89	266.89	246.99
192.99	239.91	259.02	279.76	279.76	258.44
201.93	250.50	270.50	292.33	292.33	269.62
210.84	261.07	281.96	304.88	304.88	280.74

13.53	15.63	16.99	18.72	18.72	16.30
12.24	13.98	15.20	16.81	16.81	14.50
11.32	12.81	13.95	15.46	15.46	13.23
11.21	12.66	13.79	15.30	15.30	13.07
10.03	11.75	12.78	13.95	13.95	14.77
9.95	11.35	12.36	13.64	13.64	12.98
9.57	10.87	11.84	13.08	13.08	12.46
9.25	10.39	11.33	12.55	12.55	6.03

Sr. No	Item No as per N.B.O	Description	Unit	Rate of Year 2007-08
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3.2.3 Tiles

1. Brick Tiles & Roofing (Flat)

A. 0.50 km	1000 Nos	92.09
B. 1.00 km	1000 Nos	99.42
C. 1.50 km	1000 Nos	106.64
D. 2.00 km	1000 Nos	113.53
E. 2.50 km	1000 Nos	120.63
F. 3.00 km	1000 Nos	127.47
G. 3.50 km	1000 Nos	134.23
H. 4.00 km	1000 Nos	140.91
I. 4.50 km	1000 Nos	147.45
J. 5.00 km	1000 Nos	153.97
Rate per unit km for kilometerage above 5.0 km lead falling in total range between km ... to ... km.		
K. Above 5.0 km & upto 10.00 km	1000 Nos / krr	9.90
K. Above 10.0 km & upto 15.00 km	1000 Nos / krr	8.96
K. Above 15.0 km & upto 25.00 km	1000 Nos / krr	8.29
K. Above 25.0 km & upto 50.00 km	1000 Nos / krr	8.20
K. Above 50.0 km & upto 100.00 km	1000 Nos / krr	7.30
K. Above 100.0 km & upto 200.00 km	1000 Nos / krr	7.27
K. Above 200.0 km & upto 400.00 km	1000 Nos / krr	6.99
K. Above 400.0 km	1000 Nos / krr	6.75

Rate of Year 2008-09	Rate of Year 2011-12	Rate for 2012-13 Rs.	Rate for 2013-14 Rs.	Rate for 2014-15 Rs.	Rate for 2015-16 Rs.
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110.44	140.34	151.24	162.38	162.38	152.55
119.20	150.82	162.59	174.78	174.78	163.64
127.85	161.14	173.78	186.99	186.99	174.58
136.09	170.95	184.41	198.61	198.61	184.95
144.58	181.08	195.38	210.61	210.61	195.66
152.78	190.82	205.94	222.15	222.15	205.97
160.86	200.43	216.35	233.53	233.53	216.12
168.87	209.92	226.65	244.79	244.79	226.14
176.69	219.19	236.69	255.79	255.79	235.92
184.49	228.44	246.72	266.77	266.77	245.65

11.84	13.68	14.86	16.38	16.38	14.26
10.71	12.23	13.30	14.71	14.71	12.69
9.91	11.21	12.20	13.53	13.53	11.58
9.81	11.08	12.07	13.38	13.38	11.44
8.77	10.28	11.18	12.21	12.21	12.92
8.71	9.93	10.82	11.93	11.93	11.36
8.37	9.51	10.36	11.44	11.44	10.90
8.09	9.09	9.92	10.98	10.98	5.28

Sr. No	Item No as per N.B.O	Description	Unit	Rate of Year 2007-08
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3.2.6 Cement

A. 0.50 km	M.T	103.98
B. 1.00 km	M.T	106.99
C. 1.50 km	M.T	110.09
D. 2.00 km	M.T	112.75
E. 2.50 km	M.T	115.55
F. 3.00 km	M.T	118.41
G. 3.50 km	M.T	120.76
H. 4.00 km	M.T	123.77
I. 4.50 km	M.T	126.52
J. 5.00 km	M.T	128.73

Rate per unit km for kilometerage above 5.0 km lead falling in total range between km ... to ... km.

K. Above 5.0 km & upto 10.00 km	M.T / km	3.96
K. Above 10.0 km & upto 15.00 km	M.T / km	3.58
K. Above 15.0 km & upto 25.00 km	M.T / km	3.12
K. Above 25.0 km & upto 50.00 km	M.T / km	3.36
K. Above 50.0 km & upto 100.00 km	M.T / km	2.92
K. Above 100.0 km & upto 200.00 km	M.T / km	2.91
K. Above 200.0 km & upto 400.00 km	M.T / km	2.80
K. Above 400.0 km	M.T / km	2.70

Rate of Year 2008-09	Rate of Year 2011-12	Rate for 2012-13 Rs.	Rate for 2013-14 Rs.	Rate for 2014-15 Rs.	Rate for 2015-16 Rs.
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124.70	152.16	171.30	183.76	183.76	173.18
128.30	156.33	175.97	188.85	188.85	177.64
132.01	160.63	180.78	194.10	194.10	182.00
135.19	164.31	184.89	198.60	198.60	186.19
138.54	168.17	189.21	203.31	203.31	190.38
141.97	172.12	193.63	208.14	208.14	194.59
144.78	175.35	197.23	212.09	212.09	198.59
148.39	179.51	201.88	217.17	217.17	202.65
151.31	182.88	205.64	221.29	221.29	206.49
154.32	186.33	209.49	225.51	225.51	210.41

4.74	5.34	5.95	6.55	6.55	5.70
4.28	4.78	5.32	5.88	5.88	5.07
3.73	4.15	4.62	5.11	5.11	4.63
4.02	4.44	4.93	5.48	5.48	4.57
3.51	4.00	4.47	4.88	4.88	5.17
3.48	3.89	4.33	4.77	4.77	4.55
3.35	3.72	4.14	4.58	4.58	4.36
3.24	3.57	3.97	4.39	4.39	

Sr. No	Item No as per N.B.O	Description	Unit	Rate of Year 2007-08
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3.2.7 Steel

Note: For item No 3.2.7 add Rs. 10.00 per M.T as handling charges for the lead from 0.50 to 5.0 km only.

A. 0.50 km	M.T	113.98
B. 1.00 km	M.T	116.99
C. 1.50 km	M.T	120.09
D. 2.00 km	M.T	122.75
E. 2.50 km	M.T	125.55
F. 3.00 km	M.T	128.41
G. 3.50 km	M.T	130.76
H. 4.00 km	M.T	133.77
I. 4.50 km	M.T	136.22
J. 5.00 km	M.T	138.73

Rate per unit km for kilometerage above 5.0 km lead falling in total range between km ... to ... km.

K. Above 5.0 km & upto 10.00 km	M.T / km	4.96
K. Above 10.0 km & upto 15.00 km	M.T / km	4.53
K. Above 15.0 km & upto 25.00 km	M.T / km	4.12
K. Above 25.0 km & upto 50.00 km	M.T / km	4.36
K. Above 50.0 km & upto 100.00 km	M.T / km	3.92
K. Above 100.0 km & upto 200.00 km	M.T / km	3.91
K. Above 200.0 km & upto 400.00 km	M.T / km	3.80
K. Above 400.0 km	M.T / km	3.70

Rate of Year 2008-09	Rate of Year 2011-12	Rate for 2012-13 Rs.	Rate for 2013-14 Rs.	Rate for 2014-15 Rs.	Rate for 2015-16 Rs.
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134.70	162.16	181.30	193.76	193.76	183.18
138.30	166.33	185.97	198.85	198.85	187.64
142.01	170.63	190.78	204.10	204.10	192.00
145.19	174.31	194.89	208.60	208.60	196.19
148.57	178.17	199.21	213.31	213.31	200.38
151.97	182.12	203.63	218.14	218.14	204.59
154.78	185.35	207.23	222.09	222.09	208.59
158.39	189.51	211.88	227.17	227.17	212.65
161.31	192.88	215.64	231.29	231.29	216.49
164.32	196.33	219.49	235.51	235.51	220.41

5.74	6.34	6.95	7.55	7.55	6.70
5.28	5.78	6.32	6.88	6.88	6.07
4.73	5.15	5.62	6.11	6.11	5.63
5.02	5.44	5.93	6.48	6.48	5.57
4.51	5.00	5.47	5.88	5.88	6.17
4.48	4.89	5.33	5.77	5.77	5.55
4.35	4.72	5.14	5.58	5.58	5.36
4.24	4.57	4.97	5.39	5.39	1.00

Sr. No	Item No as per N.B.O	Description	Unit	Rate of Year 2007-08
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3.2.8 Timber

Rate per unit for specific loead of

A. 0.50 km	cum	52.62
B. 1.00 km	cum	56.81
C. 1.50 km	cum	60.94
D. 2.00 km	cum	64.87
E. 2.50 km	cum	68.93
F. 3.00 km	cum	72.84
G. 3.50 km	cum	76.70
H. 4.00 km	cum	80.52
I. 4.50 km	cum	84.26
J. 5.00 km	cum	87.98

Rate per unit km for kilometerage above 5.0 km lead falling in total range between km ... to ... km.

K. Above 5.0 km & upto 10.00 km	cum / km	5.66
K. Above 10.0 km & upto 15.00 km	cum / km	5.12
K. Above 15.0 km & upto 25.00 km	cum / km	4.74
K. Above 25.0 km & upto 50.00 km	cum / km	4.69
K. Above 50.0 km & upto 100.00 km	cum / km	4.17
K. Above 100.0 km & upto 200.00 km	cum / km	4.15
K. Above 200.0 km & upto 400.00 km	cum / km	3.99
K. Above 400.0 km	cum / km	3.86

Rate of Year 2008-09	Rate of Year 2011-12	Rate for 2012-13 Rs.	Rate for 2013-14 Rs.	Rate for 2014-15 Rs.	Rate for 2015-16 Rs.
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63.11	80.19	86.42	92.79	92.79	87.17
68.11	86.18	92.91	99.87	99.87	93.51
73.06	92.08	99.30	106.85	106.85	99.76
77.77	97.69	105.37	113.49	113.49	105.69
82.62	103.48	111.65	120.35	120.35	111.81
87.30	109.04	117.68	126.94	126.94	117.70
91.92	114.53	123.63	133.45	133.45	123.50
86.49	119.95	129.51	139.88	139.88	129.22
100.96	125.25	135.25	146.16	146.16	134.81
105.42	130.54	140.98	152.44	152.44	140.37

6.77	7.82	8.49	9.36	9.36	8.15
6.12	6.99	7.60	8.41	8.41	7.25
5.66	6.40	6.97	7.73	7.73	6.61
5.60	6.33	6.89	7.65	7.65	6.54
5.01	5.87	6.39	6.97	6.97	7.39
4.97	5.68	6.18	6.82	6.82	6.49
4.79	5.43	5.92	6.54	6.54	6.23
4.62	5.19	5.67	6.28	6.28	3.02

Sr. No	Item No as per N.B.O	Description	Unit	Rate of Year 2007-08
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3.2.9 Tar, Bitumen, Roofing Felt and Flooring

~~Asphalt etc.~~

Rate per unit for specific loead of

A. 0.50 km	cum	129.98
B. 1.00 km	cum	133.74
C. 1.50 km	cum	137.61
D. 2.00 km	cum	140.94
E. 2.50 km	cum	144.43
F. 3.00 km	cum	118.01
G. 3.50 km	cum	150.95
H. 4.00 km	cum	154.71
I. 4.50 km	cum	157.77
J. 5.00 km	cum	160.92

Rate per unit km for kilometerage above 5.0 km lead falling in total range between km ... to ... km.

K. Above 5.0 km & upto 10.00 km	cum / km	4.95
K. Above 10.0 km & upto 15.00 km	cum / km	4.48
K. Above 15.0 km & upto 25.00 km	cum / km	3.89
K. Above 25.0 km & upto 50.00 km	cum / km	4.20
K. Above 50.0 km & upto 100.00 km	cum / km	3.65
K. Above 100.0 km & upto 200.00 km	cum / km	3.63
K. Above 200.0 km & upto 400.00 km	cum / km	3.50
K. Above 400.0 km	cum / km	3.38

Rate of Year 2008-09	Rate of Year 2011-12	Rate for 2012-13 Rs.	Rate for 2013-14 Rs.	Rate for 2014-15 Rs.	Rate for 2015-16 Rs.
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155.88	190.20	214.13	229.70	229.70	21.48
160.38	195.41	219.96	236.06	236.06	222.05
165.01	200.79	225.98	242.62	242.62	227.51
168.99	205.38	231.11	248.25	248.25	232.73
173.18	210.21	236.51	254.14	254.14	237.98
177.46	215.16	242.04	260.17	260.17	243.23
180.98	219.19	246.53	265.11	265.11	248.24
185.48	224.39	252.35	271.46	271.46	253.31
189.14	228.60	257.05	276.61	276.61	258.11
192.90	232.91	261.86	281.89	281.89	263.01

5.92	6.67	7.43	8.19	8.19	7.13
5.35	5.98	6.65	7.36	7.36	6.34
4.66	5.19	5.77	6.38	6.38	5.79
5.02	5.55	6.16	6.85	6.85	5.72
4.39	5.00	5.59	6.10	6.10	6.46
4.35	4.86	5.41	5.97	5.97	5.68
4.19	4.66	5.18	5.72	5.72	5.45
4.05	4.46	4.96	5.49	5.49	

Sr. No	Item No as per N.B.O	Description	Unit	Rate of Year 2007-08
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3.2.10 Steam Coal

Rate per unit for specific load of

A. 0.50 km	M.T	36.84
B. 1.00 km	M.T	39.77
C. 1.50 km	M.T	42.66
D. 2.00 km	M.T	45.41
E. 2.50 km	M.T	48.25
F. 3.00 km	M.T	50.99
G. 3.50 km	M.T	53.69
H. 4.00 km	M.T	56.37
I. 4.50 km	M.T	58.98
J. 5.00 km	M.T	61.59

Rate per unit km for kilometerage above 5.0 km lead falling in total range between km ... to ... km.

K. Above 5.0 km & upto 10.00 km	M.T / km	3.96
K. Above 10.0 km & upto 15.00 km	M.T / km	3.58
K. Above 15.0 km & upto 25.00 km	M.T / km	3.12
K. Above 25.0 km & upto 50.00 km	M.T / km	3.28
K. Above 50.0 km & upto 100.00 km	M.T / km	2.92
K. Above 100.0 km & upto 200.00 km	M.T / km	2.91
K. Above 200.0 km & upto 400.00 km	M.T / km	2.80
K. Above 400.0 km	M.T / km	2.70

Rate of Year 2008-09	Rate of Year 2011-12	Rate for 2012-13 Rs.	Rate for 2013-14 Rs.	Rate for 2014-15 Rs.	Rate for 2015-16 Rs.
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44.17	56.14	60.50	64.95	64.95	61.02
47.88	60.33	65.04	69.91	69.91	65.46
51.14	64.46	69.51	74.80	74.80	69.83
54.44	68.38	73.76	79.44	79.44	73.98
57.83	72.43	78.15	84.24	84.24	78.26
61.11	76.33	82.38	88.86	88.86	82.39
64.35	80.17	86.54	93.41	93.41	86.45
67.55	83.97	90.66	97.92	97.92	90.46
70.68	87.67	94.68	102.31	102.31	94.37
73.79	91.37	98.69	106.71	106.71	98.26

4.74	5.47	5.95	6.55	6.55	5.71
4.28	4.89	5.32	5.88	5.88	5.08
3.96	4.48	4.88	5.41	5.41	4.63
3.92	4.43	4.83	5.35	5.35	4.57
3.51	4.11	4.47	4.88	4.88	5.17
3.48	3.97	4.33	4.77	4.77	4.54
3.35	3.80	4.14	4.58	4.58	4.36
3.24	3.64	3.97	4.39	4.39	2.11

Sr. No	Item No as per N.B.O	Description	Unit	Rate of Year 2007-08
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3.2.12 A Stoneware pipes

100 mm dia. (Pipes of 600 mm length)

Rate per unit for specific load of

A. 0.50 km	100 M	61.40
B. 1.00 km	100 M	66.28
C. 1.50 km	100 M	71.10
D. 2.00 km	100 M	75.69
E. 2.50 km	100 M	80.42
F. 3.00 km	100 M	84.98
G. 3.50 km	100 M	89.49
H. 4.00 km	100 M	93.94
I. 4.50 km	100 M	98.30
J. 5.00 km	100 M	102.65

Rate per unit km for kilometerage above 5.0 km lead falling in total range between km ... to ... km.

K. Above 5.0 km & upto 10.00 km	100 M / km	6.60
K. Above 10.0 km & upto 15.00 km	100 M / km	5.97
K. Above 15.0 km & upto 25.00 km	100 M / km	5.53
K. Above 25.0 km & upto 50.00 km	100 M / km	5.47
K. Above 50.0 km & upto 100.00 km	100 M / km	4.87
K. Above 100.0 km & upto 200.00 km	100 M / km	4.84
K. Above 200.0 km & upto 400.00 km	100 M / km	4.66
K. Above 400.0 km	100 M / km	4.50

Rate of Year 2008-09	Rate of Year 2011-12	Rate for 2012-13 Rs.	Rate for 2013-14 Rs.	Rate for 2014-15 Rs.	Rate for 2015-16 Rs.
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73.62	93.56	100.83	108.25	108.25	101.70
79.46	100.55	108.39	116.52	116.52	109.09
85.23	107.43	115.85	124.66	124.66	116.39
90.73	113.97	122.94	132.41	132.41	123.30
96.39	120.72	130.25	140.41	140.41	130.44
101.86	127.21	137.30	148.10	148.10	137.31
107.24	133.62	144.24	155.69	155.69	144.08
112.58	139.95	151.10	163.20	163.20	150.76
117.79	146.12	157.79	170.52	170.52	157.28
122.99	152.29	164.48	177.85	177.85	163.77

7.89	9.12	9.91	10.92	10.92	9.51
7.14	8.15	8.87	9.81	9.81	8.46
6.60	7.47	8.14	9.02	9.02	7.72
6.54	7.39	8.04	8.92	8.92	7.62
5.85	6.85	7.45	8.14	8.14	8.62
5.80	6.62	7.21	7.96	7.96	7.57
5.58	6.34	6.91	7.63	7.63	7.27
5.39	6.06	6.61	7.32	7.32	3.52

Sr. No	Item No as per N.B.O	Description	Unit	Rate of Year 2007-08
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3.2.12 B 150 mm dia. (Pipes of 600 mm length)

Rate per unit for specific loead of

A. 0.50 km	100 M	122.79
B. 1.00 km	100 M	132.56
C. 1.50 km	100 M	142.19
D. 2.00 km	100 M	151.37
E. 2.50 km	100 M	160.84
F. 3.00 km	100 M	169.97
G. 3.50 km	100 M	178.97
H. 4.00 km	100 M	187.88
I. 4.50 km	100 M	196.60
J. 5.00 km	100 M	205.29

Rate per unit km for kilometerage above 5.0 km lead falling in total range between km ... to ... km.

K. Above 5.0 km & upto 10.00 km	100 M / km	13.20
K. Above 10.0 km & upto 15.00 km	100 M / km	11.94
K. Above 15.0 km & upto 25.00 km	100 M / km	11.05
K. Above 25.0 km & upto 50.00 km	100 M / km	10.94
K. Above 50.0 km & upto 100.00 km	100 M / km	9.74
K. Above 100.0 km & upto 200.00 km	100 M / km	9.69
K. Above 200.0 km & upto 400.00 km	100 M / km	9.32
K. Above 400.0 km	100 M / km	9.01

Rate of Year 2008-09	Rate of Year 2011-12	Rate for 2012-13 Rs.	Rate for 2013-14 Rs.	Rate for 2014-15 Rs.	Rate for 2015-16 Rs.
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147.25	187.12	201.65	216.50	216.50	203.40
158.93	201.09	216.79	233.04	233.04	218.19
170.47	214.85	231.70	249.32	249.32	232.78
181.46	227.93	245.87	264.81	264.81	246.60
192.78	241.44	260.51	280.81	280.81	260.88
203.71	254.43	274.59	296.20	296.20	274.62
214.49	267.24	288.47	311.38	311.38	288.16
225.15	279.89	302.19	326.39	326.39	301.52
235.58	292.25	315.59	341.05	341.05	314.56
245.98	304.58	328.95	355.69	355.69	327.53

15.79	18.24	19.82	21.85	21.85	19.02
14.28	16.31	17.74	19.62	19.62	16.92
13.21	14.94	16.27	18.04	18.04	15.43
13.07	14.77	16.09	17.84	17.84	15.25
11.70	13.71	14.91	16.27	16.27	17.23
11.61	13.25	14.42	15.91	15.91	15.15
11.17	12.68	13.82	15.26	15.26	14.53
10.79	12.12	13.22	14.64	14.64	7.04

Sr. No	Item No as per N.B.O	Description	Unit	Rate of Year 2007-08
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3.2.13 R.C.C pipes & C.I. pipes

(a) 100 mm dia. (Pipes of 3.66 m length)

Rate per unit for specific load of

A. 0.50 km	100 M	125.81
B. 1.00 km	100 M	135.82
C. 1.50 km	100 M	145.69
D. 2.00 km	100 M	155.10
E. 2.50 km	100 M	164.79
F. 3.00 km	100 M	174.15
G. 3.50 km	100 M	183.37
H. 4.00 km	100 M	192.50
I. 4.50 km	100 M	201.43
J. 5.00 km	100 M	210.34

Rate per unit km for kilometerage above 5.0 km lead falling in total range between km ... to ... km.

K. Above 5.0 km & upto 10.00 km	100 M / km	13.53
K. Above 10.0 km & upto 15.00 km	100 M / km	12.23
K. Above 15.0 km & upto 25.00 km	100 M / km	11.32
K. Above 25.0 km & upto 50.00 km	100 M / km	11.21
K. Above 50.0 km & upto 100.00 km	100 M / km	9.98
K. Above 100.0 km & upto 200.00 km	100 M / km	9.93
K. Above 200.0 km & upto 400.00 km	100 M / km	9.55
K. Above 400.0 km	100 M / km	9.20

Rate of Year 2008-09	Rate of Year 2011-12	Rate for 2012-13 Rs.	Rate for 2013-14 Rs.	Rate for 2014-15 Rs.	Rate for 2015-16 Rs.
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150.87	191.72	206.61	221.82	221.82	208.41
162.84	206.04	222.12	238.77	238.77	223.55
174.66	220.14	237.40	255.45	255.45	238.50
185.92	233.54	251.92	271.32	271.32	252.67
197.52	247.38	266.91	287.72	287.72	267.30
208.72	260.69	281.34	303.48	303.48	281.38
219.76	273.81	295.56	319.03	319.03	295.25
230.69	286.78	309.62	334.42	334.42	308.93
241.38	299.43	323.35	349.43	349.43	322.29
252.63	312.07	337.04	364.44	364.44	335.59

16.18	18.69	20.31	22.38	22.38	19.49
14.63	16.71	18.17	20.10	20.10	17.34
13.53	15.31	16.67	18.49	18.49	15.81
13.40	15.14	16.48	18.28	18.28	15.62
11.99	14.04	15.27	16.68	16.68	17.66
11.89	13.57	14.78	16.30	16.30	15.52
11.44	12.99	14.16	15.63	15.63	14.89
11.05	12.42	13.55	15.00	15.00	7.21

Sr. No	Item No as per N.B.O	Description	Unit	Rate of Year 2007-08
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(b) 125 mm dia. (Pipes of 3.66 m length)

Rate per unit for specific load of

A. 0.50 km	100 M	167.75
B. 1.00 km	100 M	181.09
C. 1.50 km	100 M	194.25
D. 2.00 km	100 M	206.80
E. 2.50 km	100 M	219.72
F. 3.00 km	100 M	232.19
G. 3.50 km	100 M	244.49
H. 4.00 km	100 M	256.67
I. 4.50 km	100 M	268.57
J. 5.00 km	100 M	280.46

Rate per unit km for kilometerage above 5.0 km lead falling in total range between km ... to ... km.

K. Above 5.0 km & upto 10.00 km	100 M / km	18.03
K. Above 10.0 km & upto 15.00 km	100 M / km	16.31
K. Above 15.0 km & upto 25.00 km	100 M / km	15.10
K. Above 25.0 km & upto 50.00 km	100 M / km	14.94
K. Above 50.0 km & upto 100.00 km	100 M / km	13.30
K. Above 100.0 km & upto 200.00 km	100 M / km	13.24
K. Above 200.0 km & upto 400.00 km	100 M / km	12.73
K. Above 400.0 km	100 M / km	12.30

Rate of Year 2008-09	Rate of Year 2011-12	Rate for 2012-13 Rs.	Rate for 2013-14 Rs.	Rate for 2014-15 Rs.	Rate for 2015-16 Rs.
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201.16	255.63	275.48	295.77	295.77	277.87
217.12	274.62	296.16	318.36	318.36	298.07
232.88	293.52	316.53	340.60	340.60	318.00
247.89	311.38	335.89	361.76	361.76	336.89
263.36	329.84	355.88	383.62	383.62	356.39
278.29	347.58	375.12	404.64	404.64	375.17
293.01	365.08	394.08	425.38	425.38	393.66
307.59	382.37	412.83	445.89	445.89	411.91
321.84	399.25	431.13	465.91	465.91	429.72
336.04	416.10	449.39	485.92	485.92	447.45

21.57	24.91	27.07	29.84	29.84	25.98
19.50	22.28	24.23	26.80	26.80	23.11
18.04	20.42	22.23	24.65	24.65	21.09
17.86	20.18	21.98	24.38	24.38	20.83
15.98	18.73	20.36	22.23	22.23	23.54
15.86	18.09	19.71	21.74	21.74	20.70
15.25	17.32	18.88	20.85	20.85	19.85
14.74	16.56	18.06	20.00	20.00	9.62

Sr. No	Item No as per N.B.O	Description	Unit	Rate of Year 2007-08
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(c) 150 mm dia. (Pipes of 3.66 m length)

Rate per unit for specific loead of

A. 0.50 km	100 M	202.96
B. 1.00 km	100 M	219.11
C. 1.50 km	100 M	235.03
D. 2.00 km	100 M	250.21
E. 2.50 km	100 M	265.85
F. 3.00 km	100 M	280.94
G. 3.50 km	100 M	295.82
H. 4.00 km	100 M	310.55
I. 4.50 km	100 M	324.95
J. 5.00 km	100 M	339.33

Rate per unit km for kilometerage above 5.0 km lead falling in total range between km ... to ... km.

K. Above 5.0 km & upto 10.00 km	100 M / km	21.82
K. Above 10.0 km & upto 15.00 km	100 M / km	19.74
K. Above 15.0 km & upto 25.00 km	100 M / km	18.27
K. Above 25.0 km & upto 50.00 km	100 M / km	18.08
K. Above 50.0 km & upto 100.00 km	100 M / km	16.09
K. Above 100.0 km & upto 200.00 km	100 M / km	16.01
K. Above 200.0 km & upto 400.00 km	100 M / km	15.41
K. Above 400.0 km	100 M / km	14.89

Rate of Year 2008-09	Rate of Year 2011-12	Rate for 2012-13 Rs.	Rate for 2013-14 Rs.	Rate for 2014-15 Rs.	Rate for 2015-16 Rs.
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243.38	309.29	333.31	357.85	357.85	336.20
262.69	332.39	358.33	385.18	385.18	360.64
281.76	355.13	382.98	412.09	412.09	384.75
299.93	376.75	406.40	437.70	437.70	407.61
318.64	399.08	430.59	464.15	464.15	431.21
336.71	420.54	453.87	489.58	489.58	453.92
354.52	441.71	476.81	514.67	514.67	476.30
372.15	462.64	499.49	539.49	539.49	498.37
389.39	483.05	521.63	563.71	563.71	519.93
406.58	503.44	543.72	587.92	587.92	541.38

26.09	30.14	32.76	36.11	36.11	31.44
23.60	26.95	29.32	32.42	32.42	27.97
21.83	24.70	26.89	29.82	29.82	25.51
21.61	24.42	26.59	29.50	29.50	25.21
19.34	22.66	24.64	26.90	26.90	28.48
19.19	21.89	23.84	26.30	26.30	25.04
18.46	20.96	22.84	25.22	25.22	24.02
17.83	20.04	21.85	24.20	24.20	11.64

Sr. No	Item No as per N.B.O	Description	Unit	Rate of Year 2007-08
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(d) 200 mm dia. (Pipes of 5.50 m length)

Rate per unit for specific loead of

A. 0.50 km	100 M	334.89
B. 1.00 km	100 M	361.52
C. 1.50 km	100 M	387.79
D. 2.00 km	100 M	412.84
E. 2.50 km	100 M	438.65
F. 3.00 km	100 M	463.54
G. 3.50 km	100 M	488.10
H. 4.00 km	100 M	512.41
I. 4.50 km	100 M	536.17
J. 5.00 km	100 M	559.89

Rate per unit km for kilometerage above 5.0 km lead falling in total range between km ... to ... km.

K. Above 5.0 km & upto 10.00 km	100 M / km	36.00
K. Above 10.0 km & upto 15.00 km	100 M / km	32.56
K. Above 15.0 km & upto 25.00 km	100 M / km	30.14
K. Above 25.0 km & upto 50.00 km	100 M / km	29.83
K. Above 50.0 km & upto 100.00 km	100 M / km	26.55
K. Above 100.0 km & upto 200.00 km	100 M / km	26.42
K. Above 200.0 km & upto 400.00 km	100 M / km	25.42
K. Above 400.0 km	100 M / km	24.56

Rate of Year 2008-09	Rate of Year 2011-12	Rate for 2012-13 Rs.	Rate for 2013-14 Rs.	Rate for 2014-15 Rs.	Rate for 2015-16 Rs.
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401.58	510.32	549.95	590.45	590.45	554.74
433.45	548.44	591.24	635.55	635.55	595.05
464.91	585.97	631.91	679.95	679.95	634.85
494.89	621.63	670.56	722.21	722.21	672.55
525.76	658.48	710.47	765.85	765.85	711.49
555.58	693.90	748.88	807.81	807.81	748.97
584.96	728.82	786.74	849.21	849.21	785.89
614.05	763.35	824.16	890.15	890.15	822.32
642.50	797.04	860.69	930.13	930.13	857.88
670.86	830.68	897.15	970.06	970.06	893.27

43.06	49.74	54.05	59.58	59.58	51.87
38.93	44.47	48.38	53.50	53.50	46.15
36.02	40.76	44.38	49.21	49.21	42.09
35.66	40.29	43.87	48.67	48.67	41.59
31.90	37.38	40.66	44.39	44.39	47.00
31.66	36.12	39.34	43.39	43.39	41.32
30.45	34.58	37.68	41.61	41.61	39.64
29.42	33.06	36.06	39.94	39.94	19.20

Sr. No	Item No as per N.B.O	Description	Unit	Rate of Year 2007-08
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(e) 250 mm dia. (Pipes of 5.50 m length)

Rate per unit for specific loead of

A. 0.50 km	100 M	446.51
B. 1.00 km	100 M	482.03
C. 1.50 km	100 M	517.06
D. 2.00 km	100 M	550.45
E. 2.50 km	100 M	584.86
F. 3.00 km	100 M	618.06
G. 3.50 km	100 M	650.80
H. 4.00 km	100 M	683.21
I. 4.50 km	100 M	714.90
J. 5.00 km	100 M	746.52

Rate per unit km for kilometerage above 5.0 km lead falling in total range between km ... to ... km.

K. Above 5.0 km & upto 10.00 km	100 M / km	48.00
K. Above 10.0 km & upto 15.00 km	100 M / km	43.42
K. Above 15.0 km & upto 25.00 km	100 M / km	40.18
K. Above 25.0 km & upto 50.00 km	100 M / km	39.78
K. Above 50.0 km & upto 100.00 km	100 M / km	35.40
K. Above 100.0 km & upto 200.00 km	100 M / km	35.23
K. Above 200.0 km & upto 400.00 km	100 M / km	33.89
K. Above 400.0 km	100 M / km	32.75

Rate of Year 2008-09	Rate of Year 2011-12	Rate for 2012-13 Rs.	Rate for 2013-14 Rs.	Rate for 2014-15 Rs.	Rate for 2015-16 Rs.
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535.44	680.43	733.27	787.27	787.27	739.65
577.93	731.25	788.32	847.41	847.41	793.41
619.88	781.29	842.55	906.61	906.61	846.46
659.85	828.84	894.08	962.95	962.95	896.74
701.01	877.97	947.30	1021.13	1021.13	948.65
740.77	925.20	998.51	1077.08	1077.08	998.63
779.95	971.77	1048.98	1132.28	1132.28	1047.85
818.74	1017.80	1098.88	1186.87	1186.87	1096.42
856.67	1062.72	1147.59	1240.17	1240.17	1143.84
894.48	1107.57	1196.19	1293.42	1293.42	1191.03

57.41	66.32	72.07	79.44	79.44	69.16
51.91	59.30	64.50	71.33	71.33	61.53
48.03	54.34	59.17	65.61	65.61	56.12
47.54	53.72	58.50	64.89	64.89	55.45
42.54	49.85	54.21	59.18	59.18	62.66
42.21	48.17	52.45	57.86	57.86	55.09
40.61	46.11	50.24	55.49	55.49	52.85
39.23	44.08	48.08	53.25	53.25	25.60

Sr. No	Item No as per N.B.O	Description	Unit	Rate of Year 2007-08
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(f) 300 mm dia. (Pipes of 5.50 m length)

Rate per unit for specific loead of

A. 0.50 km	100 M	608.88
B. 1.00 km	100 M	657.32
C. 1.50 km	100 M	705.08
D. 2.00 km	100 M	750.62
E. 2.50 km	100 M	797.54
F. 3.00 km	100 M	842.81
G. 3.50 km	100 M	887.45
H. 4.00 km	100 M	931.65
I. 4.50 km	100 M	974.86
J. 5.00 km	100 M	1017.98

Rate per unit km for kilometerage above 5.0 km lead falling in total range between km ... to ... km.

K. Above 5.0 km & upto 10.00 km	100 M / km	65.46
K. Above 10.0 km & upto 15.00 km	100 M / km	59.21
K. Above 15.0 km & upto 25.00 km	100 M / km	54.80
K. Above 25.0 km & upto 50.00 km	100 M / km	54.24
K. Above 50.0 km & upto 100.00 km	100 M / km	48.28
K. Above 100.0 km & upto 200.00 km	100 M / km	48.04
K. Above 200.0 km & upto 400.00 km	100 M / km	46.22
K. Above 400.0 km	100 M / km	44.66

Rate of Year 2008-09	Rate of Year 2011-12	Rate for 2012-13 Rs.	Rate for 2013-14 Rs.	Rate for 2014-15 Rs.	Rate for 2015-16 Rs.
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730.15	927.86	999.92	1073.55	1073.55	1008.61
788.08	997.16	1074.98	1155.55	1155.55	1081.92
845.29	1065.40	1148.93	1236.28	1236.28	1154.26
899.79	1130.24	1219.21	1313.11	1313.11	1222.83
955.92	1197.23	1291.77	1392.45	1392.45	1293.62
1010.14	1261.63	1361.60	1468.74	1468.74	1361.77
1063.56	1325.14	1430.43	1544.02	1544.02	1428.89
1016.46	1387.91	1498.48	1618.46	1618.46	1495.12
1168.18	1449.16	1564.89	1691.14	1691.14	1559.79
1219.75	1510.33	1631.17	1763.75	1763.75	1624.13

78.28	90.43	98.27	108.32	108.32	94.31
70.79	80.86	87.96	97.27	97.27	83.90
65.49	74.10	80.68	89.47	89.47	76.53
64.83	73.26	79.77	88.49	88.49	75.62
58.01	67.97	73.92	80.70	80.70	85.45
57.66	65.68	71.53	78.90	78.90	75.12
55.37	62.88	68.51	75.66	75.66	72.06
53.49	60.11	65.56	72.61	72.61	34.91

Sr. No	Item No as per N.B.O	Description	Unit	Rate of Year 2007-08
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(g) 350 mm dia. (Pipes of 5.50 m length)

Rate per unit for specific loead of

A. 0.50 km	100 M	659.77
B. 1.00 km	100 M	723.05
C. 1.50 km	100 M	775.59
D. 2.00 km	100 M	825.03
E. 2.50 km	100 M	877.29
F. 3.00 km	100 M	927.09
G. 3.50 km	100 M	976.20
H. 4.00 km	100 M	1024.82
I. 4.50 km	100 M	1072.34
J. 5.00 km	100 M	1119.78

Rate per unit km for kilometerage above 5.0 km lead falling in total range between km ... to ... km.

K. Above 5.0 km & upto 10.00 km	100 M / km	72.00
K. Above 10.0 km & upto 15.00 km	100 M / km	65.13
K. Above 15.0 km & upto 25.00 km	100 M / km	60.28
K. Above 25.0 km & upto 50.00 km	100 M / km	59.67
K. Above 50.0 km & upto 100.00 km	100 M / km	53.11
K. Above 100.0 km & upto 200.00 km	100 M / km	52.85
K. Above 200.0 km & upto 400.00 km	100 M / km	50.84
K. Above 400.0 km	100 M / km	49.12

Rate of Year 2008-09	Rate of Year 2011-12	Rate for 2012-13 Rs.	Rate for 2013-14 Rs.	Rate for 2014-15 Rs.	Rate for 2015-16 Rs.
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803.17	1020.64	1099.91	1180.91	1180.91	1109.47
866.89	1096.88	1182.47	1271.11	1271.11	1190.11
929.82	1171.94	1263.82	1359.91	1359.91	1269.69
989.77	1243.27	1341.13	1444.42	1444.42	1345.11
1051.51	1316.96	1420.95	1531.69	1531.69	1422.98
1111.15	1387.80	1497.76	1615.62	1615.62	1497.95
1169.92	1457.65	1573.47	1698.42	1698.42	1571.78
1228.11	1526.70	1648.33	1780.31	1780.31	1644.64
1285.00	1594.08	1721.38	1860.25	1860.25	1715.76
1341.72	1661.36	1794.29	1940.13	1940.13	1786.55

86.11	99.47	108.10	119.15	119.15	103.74
77.87	88.95	96.76	106.99	106.99	92.29
72.04	81.51	88.75	98.41	98.41	84.19
71.32	80.58	87.75	97.33	97.33	83.18
63.81	74.77	81.31	88.77	88.77	93.99
63.31	72.25	78.68	86.79	86.79	82.63
60.91	69.17	75.36	83.23	83.23	79.27
58.84	66.12	72.12	79.87	79.87	38.40

Sr. No	Item No as per N.B.O	Description	Unit	Rate of Year 2007-08
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(h) 450 mm, 500 mm dia. (Pipes of 5.50 m length)

Rate per unit for specific load of

A. 0.50 km	100 M	1339.54
B. 1.00 km	100 M	1446.10
C. 1.50 km	100 M	1551.18
D. 2.00 km	100 M	1651.36
E. 2.50 km	100 M	1754.59
F. 3.00 km	100 M	1854.17
G. 3.50 km	100 M	1952.40
H. 4.00 km	100 M	2049.64
I. 4.50 km	100 M	2144.69
J. 5.00 km	100 M	2239.57

Rate per unit km for kilometerage above 5.0 km lead falling in total range between km ... to ... km.

K. Above 5.0 km & upto 10.00 km	100 M / km	144.00
K. Above 10.0 km & upto 15.00 km	100 M / km	130.26
K. Above 15.0 km & upto 25.00 km	100 M / km	120.55
K. Above 25.0 km & upto 50.00 km	100 M / km	119.34
K. Above 50.0 km & upto 100.00 km	100 M / km	106.21
K. Above 100.0 km & upto 200.00 km	100 M / km	105.70
K. Above 200.0 km & upto 400.00 km	100 M / km	101.68
K. Above 400.0 km	100 M / km	98.25

Rate of Year 2008-09	Rate of Year 2011-12	Rate for 2012-13 Rs.	Rate for 2013-14 Rs.	Rate for 2014-15 Rs.	Rate for 2015-16 Rs.
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1606.33	2041.28	2199.82	2361.82	2361.82	2218.95
1733.78	2193.76	2364.95	2542.22	2542.22	2380.22
1859.64	2343.87	2527.64	2719.82	2719.82	2539.38
1979.55	2486.53	2682.25	2888.84	2888.84	2690.22
2103.02	2633.91	2841.89	3063.38	3063.38	2845.96
2222.30	2775.59	2995.53	3231.24	3231.24	2995.89
2339.84	2915.30	3146.95	3396.84	3396.84	3143.56
2456.22	3053.40	3296.65	3560.62	3560.62	3289.27
2570.00	3188.16	3442.76	3720.51	3720.51	3431.53
2683.44	3322.72	3588.58	3880.25	3880.25	3573.09

172.22	198.95	216.20	238.31	238.31	207.48
155.74	177.89	193.51	213.99	213.99	184.58
144.09	163.03	177.50	196.83	196.83	168.37
142.63	161.17	175.50	194.67	194.67	166.35
127.61	149.54	162.62	177.54	177.54	187.99
126.63	144.50	157.36	173.58	173.58	165.26
121.82	138.33	150.73	166.46	166.46	158.54
117.69	132.23	144.24	159.74	159.74	76.81

Sr. No	Item No as per N.B.O	Description	Unit	Rate of Year 2007-08
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(i) 600 mm, 700 mm & 750 mm dia.
(Pipes of 5.50 m length)

Rate per unit for specific load of

A. 0.50 km	100 M	2232.57
B. 1.00 km	100 M	2410.16
C. 1.50 km	100 M	2585.29
D. 2.00 km	100 M	2752.26
E. 2.50 km	100 M	2924.31
F. 3.00 km	100 M	3090.29
G. 3.50 km	100 M	3254.00
H. 4.00 km	100 M	3416.06
I. 4.50 km	100 M	3574.48
J. 5.00 km	100 M	3732.61

Rate per unit km for kilometerage above
5.0 km lead falling in total range between
km ... to ... km.

K. Above 5.0 km & upto 10.00 km	100 M / km	240.01
K. Above 10.0 km & upto 15.00 km	100 M / km	217.09
K. Above 15.0 km & upto 25.00 km	100 M / km	200.92
K. Above 25.0 km & upto 50.00 km	100 M / km	198.89
K. Above 50.0 km & upto 100.00 km	100 M / km	177.02
K. Above 100.0 km & upto 200.00 km	100 M / km	176.16
K. Above 200.0 km & upto 400.00 km	100 M / km	169.46
K. Above 400.0 km	100 M / km	163.74

Rate of Year 2008-09	Rate of Year 2011-12	Rate for 2012-13 Rs.	Rate for 2013-14 Rs.	Rate for 2014-15 Rs.	Rate for 2015-16 Rs.
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2677.22	3402.14	3666.36	3936.36	3936.36	3698.24
2889.64	3656.27	3941.58	4237.03	4237.03	3967.03
3099.41	3906.45	4212.73	4533.03	4533.03	4232.30
3299.25	4144.22	4470.42	4814.73	4814.73	4483.70
3505.04	4389.86	4736.48	5105.64	5105.64	4743.27
3703.84	4625.99	4992.55	5385.39	5385.39	4993.15
3899.74	4858.83	5244.91	5661.39	5661.39	5239.27
4093.70	5088.99	5494.42	5934.36	5934.36	5482.12
4283.34	5313.60	5737.94	6200.85	6200.85	5719.21
4472.41	5537.86	5980.97	6467.09	6467.09	5955.15

287.04	331.58	360.33	397.18	397.18	345.80
259.56	296.49	322.52	356.64	356.64	307.64
240.15	271.71	295.84	328.04	328.04	280.62
237.72	268.61	292.49	324.45	324.45	277.26
212.69	249.23	271.04	295.91	295.91	313.31
211.05	240.83	262.27	289.30	289.30	275.43
203.03	230.55	251.21	277.43	277.43	264.23
196.15	220.39	240.40	266.24	266.24	128.01

Sr. No	Item No as per N.B.O	Description	Unit	Rate of Year 2007-08
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(j) 800 mm, 900 mm, 1000 mm, 1100 mm & 1200 mm dia. (Pipes of 5.50 m length)

Rate per unit for specific load of

A. 0.50 km	100 M	3348.86
B. 1.00 km	100 M	3615.24
C. 1.50 km	100 M	3877.94
D. 2.00 km	100 M	4128.39
E. 2.50 km	100 M	4386.47
F. 3.00 km	100 M	4635.44
G. 3.50 km	100 M	4881.00
H. 4.00 km	100 M	5124.09
I. 4.50 km	100 M	5361.72
J. 5.00 km	100 M	5598.92

Rate per unit km for kilometerage above 5.0 km lead falling in total range between km ... to ... km.

K. Above 5.0 km & upto 10.00 km	100 M / km	360.01
K. Above 10.0 km & upto 15.00 km	100 M / km	325.64
K. Above 15.0 km & upto 25.00 km	100 M / km	301.38
K. Above 25.0 km & upto 50.00 km	100 M / km	298.34
K. Above 50.0 km & upto 100.00 km	100 M / km	265.53
K. Above 100.0 km & upto 200.00 km	100 M / km	264.24
K. Above 200.0 km & upto 400.00 km	100 M / km	254.20
K. Above 400.0 km	100 M / km	245.62

Rate of Year 2008-09	Rate of Year 2011-12	Rate for 2012-13 Rs.	Rate for 2013-14 Rs.	Rate for 2014-15 Rs.	Rate for 2015-16 Rs.
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4015.83	5103.21	5499.55	5904.55	5904.55	5547.36
4334.45	5484.40	5912.36	6355.55	6355.55	5950.55
4649.11	5859.68	6319.09	6799.55	6799.55	6348.45
4948.87	6216.33	6705.64	7222.09	7222.09	6725.55
5257.56	6584.79	7104.73	7658.45	7658.45	7114.91
5555.76	6938.99	7488.82	8078.09	8078.09	7489.73
5849.60	7288.25	7867.36	8492.09	8492.09	7858.91
6140.55	7633.49	8241.64	8901.55	8901.55	8223.18
6425.01	7970.40	8606.91	9301.27	9301.27	8578.80
6708.61	8306.80	8971.45	9700.64	9700.64	8932.70

430.56	497.37	540.50	595.77	595.77	518.70
389.34	444.73	483.78	534.96	534.96	461.45
360.22	407.57	443.75	492.06	492.06	420.94
356.59	402.91	438.74	486.67	486.67	415.88
319.03	373.84	406.55	443.86	443.86	469.96
316.57	361.24	393.40	433.95	433.95	413.15
304.54	345.83	376.82	416.15	416.15	396.35
294.22	330.59	360.59	399.36	399.36	192.02

Sr. No	Item No as per N.B.O	Description	Unit	Rate of Year 2007-08
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3.2.14 A.C pipes

(a) 50 mm dia. (Pipes of 3.66 m length)

Rate per unit for specific load of

A. 0.50 km	100 M	55.92
B. 1.00 km	100 M	60.36
C. 1.50 km	100 M	64.75
D. 2.00 km	100 M	68.93
E. 2.50 km	100 M	73.24
F. 3.00 km	100 M	77.40
G. 3.50 km	100 M	81.50
H. 4.00 km	100 M	85.56
I. 4.50 km	100 M	89.52
J. 5.00 km	100 M	93.49

Rate per unit km for kilometerage above 5.0 km lead falling in total range between km ... to ... km.

K. Above 5.0 km & upto 10.00 km	100 M / km	6.01
K. Above 10.0 km & upto 15.00 km	100 M / km	5.44
K. Above 15.0 km & upto 25.00 km	100 M / km	5.03
K. Above 25.0 km & upto 50.00 km	100 M / km	4.98
K. Above 50.0 km & upto 100.00 km	100 M / km	4.43
K. Above 100.0 km & upto 200.00 km	100 M / km	4.41
K. Above 200.0 km & upto 400.00 km	100 M / km	4.21
K. Above 400.0 km	100 M / km	4.10

Rate of Year 2008-09	Rate of Year 2011-12	Rate for 2012-13 Rs.	Rate for 2013-14 Rs.	Rate for 2014-15 Rs.	Rate for 2015-16 Rs.
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67.05	85.21	91.83	98.59	98.59	92.62
72.37	91.57	98.72	106.12	106.12	99.36
77.63	97.84	105.51	113.53	113.53	106.00
82.63	103.79	111.96	120.59	120.59	112.30
87.79	109.95	118.63	127.87	127.87	118.80
92.76	115.86	125.04	134.88	134.88	125.06
97.67	121.69	131.36	141.79	141.79	131.22
102.53	127.46	137.61	148.63	148.63	137.30
107.28	133.08	143.71	155.30	155.30	143.24
112.01	138.70	149.80	161.97	161.97	149.15

7.19	8.30	9.02	9.95	9.95	8.66
6.50	7.43	8.08	8.93	8.93	7.70
6.01	6.81	7.41	8.22	8.22	7.03
5.95	6.73	7.33	8.13	8.13	6.94
5.33	6.24	6.79	7.41	7.41	7.85
5.29	6.03	6.57	7.25	7.25	0.90
5.08	5.77	6.29	6.95	6.95	6.62
4.91	5.52	6.02	6.67	6.67	3.21

Sr. No	Item No as per N.B.O	Description	Unit	Rate of Year 2007-08
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(b) 80 mm dia. (Pipes of 3.66 m length)

Rate per unit for specific loead of

A. 0.50 km	100 M	91.50
B. 1.00 km	100 M	98.78
C. 1.50 km	100 M	105.95
D. 2.00 km	100 M	112.80
E. 2.50 km	100 M	119.85
F. 3.00 km	100 M	126.65
G. 3.50 km	100 M	133.36
H. 4.00 km	100 M	140.00
I. 4.50 km	100 M	146.49
J. 5.00 km	100 M	152.98

Rate per unit km for kilometerage above 5.0 km lead falling in total range between km ... to ... km.

K. Above 5.0 km & upto 10.00 km	100 M / km	9.84
K. Above 10.0 km & upto 15.00 km	100 M / km	8.90
K. Above 15.0 km & upto 25.00 km	100 M / km	8.23
K. Above 25.0 km & upto 50.00 km	100 M / km	8.15
K. Above 50.0 km & upto 100.00 km	100 M / km	7.25
K. Above 100.0 km & upto 200.00 km	100 M / km	7.22
K. Above 200.0 km & upto 400.00 km	100 M / km	6.95
K. Above 400.0 km	100 M / km	6.71

Rate of Year 2008-09	Rate of Year 2011-12	Rate for 2012-13 Rs.	Rate for 2013-14 Rs.	Rate for 2014-15 Rs.	Rate for 2015-16 Rs.
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109.72	139.43	150.26	161.33	161.33	151.27
118.43	149.85	161.54	173.65	173.65	162.58
127.02	160.10	172.65	185.78	185.78	173.46
135.22	169.85	183.21	197.32	197.32	183.76
143.65	179.91	194.12	209.25	209.25	194.40
151.80	189.59	204.61	220.71	220.71	204.64
159.83	199.13	214.96	232.02	232.02	214.72
167.77	208.57	225.18	243.21	243.21	224.68
175.55	217.77	235.16	254.13	254.13	234.39
183.30	226.96	245.12	265.04	265.04	244.06

11.76	13.59	14.77	16.28	16.28	14.17
10.64	12.15	13.22	14.62	14.62	12.61
9.84	11.14	12.12	13.44	13.44	11.50
9.74	11.01	11.99	13.30	13.30	11.36
9.72	10.21	11.11	12.13	12.13	12.84
8.65	9.87	10.75	11.86	11.86	11.29
8.32	9.45	10.30	11.37	11.37	10.83
8.04	9.03	9.85	10.91	10.91	5.25

Sr. No	Item No as per N.B.O	Description	Unit	Rate of Year 2007-08
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(c) 100 mm dia. (Pipes of 3.66 m length)

Rate per unit for specific loead of

A. 0.50 km	100 M	125.81
B. 1.00 km	100 M	135.82
C. 1.50 km	100 M	145.69
D. 2.00 km	100 M	155.10
E. 2.50 km	100 M	164.79
F. 3.00 km	100 M	174.15
G. 3.50 km	100 M	183.37
H. 4.00 km	100 M	192.50
I. 4.50 km	100 M	201.43
J. 5.00 km	100 M	210.34

Rate per unit km for kilometerage above 5.0 km lead falling in total range between km ... to ... km.

K. Above 5.0 km & upto 10.00 km	100 M / km	13.53
K. Above 10.0 km & upto 15.00 km	100 M / km	12.23
K. Above 15.0 km & upto 25.00 km	100 M / km	11.32
K. Above 25.0 km & upto 50.00 km	100 M / km	11.21
K. Above 50.0 km & upto 100.00 km	100 M / km	9.98
K. Above 100.0 km & upto 200.00 km	100 M / km	9.93
K. Above 200.0 km & upto 400.00 km	100 M / km	9.55
K. Above 400.0 km	100 M / km	9.23

Rate of Year 2008-09	Rate of Year 2011-12	Rate for 2012-13 Rs.	Rate for 2013-14 Rs.	Rate for 2014-15 Rs.	Rate for 2015-16 Rs.
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150.87	191.72	206.61	221.82	221.82	208.41
162.84	206.04	222.12	238.77	238.77	223.55
174.66	220.14	237.40	255.45	255.45	238.50
185.92	233.54	251.92	271.32	271.32	252.67
197.52	247.38	266.91	287.72	287.72	267.30
208.72	260.69	281.34	303.48	303.48	281.38
219.76	273.81	295.56	319.03	319.03	295.25
230.69	286.78	309.62	334.42	334.42	308.93
241.38	299.43	323.35	349.43	349.43	322.29
252.03	312.07	337.04	364.44	364.44	335.59

16.18	18.69	20.31	22.38	22.38	19.49
14.63	16.71	18.17	20.10	20.10	17.34
13.53	15.31	16.67	18.49	18.49	15.81
13.40	15.14	16.48	18.28	18.28	15.62
11.99	14.04	15.27	16.68	16.68	17.66
11.89	13.57	14.78	16.30	16.30	15.52
11.44	12.99	14.16	15.63	15.63	14.89
11.05	12.42	13.55	15.00	15.00	7.21

Sr. No	Item No as per N.B.O	Description	Unit	Rate of Year 2007-08
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(d) 150 mm dia. (Pipes of 3.66 m length)

Rate per unit for specific load of

A. 0.50 km	100 M	201.30
B. 1.00 km	100 M	217.31
C. 1.50 km	100 M	233.10
D. 2.00 km	100 M	248.15
E. 2.50 km	100 M	263.57
F. 3.00 km	100 M	278.63
G. 3.50 km	100 M	293.39
H. 4.00 km	100 M	308.01
I. 4.50 km	100 M	322.29
J. 5.00 km	100 M	336.55

Rate per unit km for kilometerage above 5.0 km lead falling in total range between km ... to ... km.

K. Above 5.0 km & upto 10.00 km	100 M / km	21.64
K. Above 10.0 km & upto 15.00 km	100 M / km	19.57
K. Above 15.0 km & upto 25.00 km	100 M / km	18.12
K. Above 25.0 km & upto 50.00 km	100 M / km	17.93
K. Above 50.0 km & upto 100.00 km	100 M / km	15.96
K. Above 100.0 km & upto 200.00 km	100 M / km	15.88
K. Above 200.0 km & upto 400.00 km	100 M / km	15.28
K. Above 400.0 km	100 M / km	14.76

Rate of Year 2008-09	Rate of Year 2011-12	Rate for 2012-13 Rs.	Rate for 2013-14 Rs.	Rate for 2014-15 Rs.	Rate for 2015-16 Rs.
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241.39	306.75	330.57	354.92	354.92	333.45
260.54	329.66	355.39	382.03	382.03	357.68
279.45	352.22	379.84	408.72	408.72	381.60
297.47	373.66	403.07	434.11	434.11	404.27
316.03	395.81	427.06	460.34	460.34	427.67
333.95	417.10	450.16	485.57	485.57	450.20
351.62	438.09	472.90	510.45	510.45	472.39
369.10	458.84	495.40	535.07	535.07	494.29
386.20	479.10	517.36	559.09	559.09	515.67
403.25	499.32	539.27	583.10	583.10	536.94

25.88	29.90	32.49	35.81	35.81	31.18
23.40	26.73	29.08	32.16	32.16	27.74
21.65	24.50	26.67	29.58	29.58	25.30
21.43	24.22	26.37	29.25	29.25	25.00
19.18	22.47	24.44	26.68	26.68	28.25
19.03	21.71	23.65	26.08	26.08	24.83
18.31	20.79	22.65	25.01	25.01	23.82
17.69	19.87	21.68	24.01	24.01	11.54

Sr. No	Item No as per N.B.O	Description	Unit	Rate of Year 2007-08
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RATE FOR QUARRY MATERIALS MORE THAN 10.00 TON CAPACITY TRUCK / DUMPER

1	3.2.1	(A) Lime, murrum, building rubbish, manure or sludge and excavated rock and fly ash		
		Lime, Murrum, Building Rubbish		
		A. 0.50 km	cum	----
		B. 1.00 km	cum	----
		C. 1.50 km	cum	----
		D. 2.00 km	cum	----
		E. 2.50 km	cum	----
		F. 3.00 km	cum	----
		G. 3.50 km	cum	----
		H. 4.00 km	cum	----
		I. 4.50 km	cum	----
		J. 5.00 km	cum	----
		Rate per unit km for kilometerage above 5.0 km lead falling in total range between km ... to ... km.		
		K. Above 5.0 km & upto 10.00 km	cum / km	----
		K. Above 10.0 km & upto 15.00 km	cum / km	----
		K. Above 15.0 km & upto 25.00 km	cum / km	----
		K. Above 25.0 km & upto 50.00 km	cum / km	----
		K. Above 50.0 km & upto 100.00 km	cum / km	----
		K. Above 100.0 km & upto 200.00 km	cum / km	----
		K. Above 200.0 km & upto 400.00 km	cum / km	----
		K. Above 400.0 km	cum / km	----

Rate of Year 2008-09	Rate of Year 2011-12	Rate for 2012-13 Rs.	Rate for 2013-14 Rs.	Rate for 2014-15 Rs.	Rate for 2015-16 Rs.
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----	----	----	----	----	66.19
----	----	----	----	----	71.00
----	----	----	----	----	75.74
----	----	----	----	----	80.23
----	----	----	----	----	84.88
----	----	----	----	----	89.34
----	----	----	----	----	93.74
----	----	----	----	----	98.08
----	----	----	----	----	102.32
----	----	----	----	----	106.54
----	----	----	----	----	6.18
----	----	----	----	----	5.49
----	----	----	----	----	5.01
----	----	----	----	----	4.95
----	----	----	----	----	5.60
----	----	----	----	----	4.92
----	----	----	----	----	4.72
----	----	----	----	----	2.21

Sr. No	Item No as per N.B.O	Description	Unit	Rate of Year 2007-08
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3.2.1 (A) Lime, murrum, building rubbish, manure or sludge and excavated rock and fly ash

2.0 Earth

A. 0.50 km cum ----

B. 1.00 km cum ----

C. 1.50 km cum ----

D. 2.00 km cum ----

E. 2.50 km cum ----

F. 3.00 km cum ----

G. 3.50 km cum ----

H. 4.00 km cum ----

I. 4.50 km cum ----

J. 5.00 km cum ----

Rate per unit km for kilometerage above 5.0 km lead falling in total range between km ... to ... km.

K. Above 5.0 km & upto 10.00 km cum / km ----

K. Above 10.0 km & upto 15.00 km cum / km ----

K. Above 15.0 km & upto 25.00 km cum / km ----

K. Above 25.0 km & upto 50.00 km cum / km ----

K. Above 50.0 km & upto 100.00 km cum / km ----

K. Above 100.0 km & upto 200.00 km cum / km ----

K. Above 200.0 km & upto 400.00 km cum / km ----

K. Above 400.0 km cum / km ----

Rate of Year 2008-09	Rate of Year 2011-12	Rate for 2012-13 Rs.	Rate for 2013-14 Rs.	Rate for 2014-15 Rs.	Rate for 2015-16 Rs.
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----	----	----	----	----	82.74
----	----	----	----	----	88.75
----	----	----	----	----	94.67
----	----	----	----	----	100.29
----	----	----	----	----	106.10
----	----	----	----	----	111.68
----	----	----	----	----	117.18
----	----	----	----	----	122.60
----	----	----	----	----	127.90
----	----	----	----	----	133.18
----	----	----	----	----	
----	----	----	----	----	7.72
----	----	----	----	----	6.87
----	----	----	----	----	6.26
----	----	----	----	----	6.19
----	----	----	----	----	7.00
----	----	----	----	----	6.15
----	----	----	----	----	5.90
----	----	----	----	----	2.77

Sr. No	Item No as per N.B.O	Description	Unit	Rate of Year 2007-08
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3.2.1 (A) Lime, murrum, building rubbish, manure or sludge and excavated rock and fly ash

3.0 Manure or Sludge

A. 0.50 km cum -----

B. 1.00 km cum -----

C. 1.50 km cum -----

D. 2.00 km cum -----

E. 2.50 km cum -----

F. 3.00 km cum -----

G. 3.50 km cum -----

H. 4.00 km cum -----

I. 4.50 km cum -----

J. 5.00 km cum -----

Rate per unit km for kilometerage above 5.0 km lead falling in total range between km ... to ... km.

K. Above 5.0 km & upto 10.00 km cum / km -----

K. Above 10.0 km & upto 15.00 km cum / km -----

K. Above 15.0 km & upto 25.00 km cum / km -----

K. Above 25.0 km & upto 50.00 km cum / km -----

K. Above 50.0 km & upto 100.00 km cum / km -----

K. Above 100.0 km & upto 200.00 km cum / km -----

K. Above 200.0 km & upto 400.00 km cum / km -----

K. Above 400.0 km cum / km -----

Rate of Year 2008-09	Rate of Year 2011-12	Rate for 2012-13 Rs.	Rate for 2013-14 Rs.	Rate for 2014-15 Rs.	Rate for 2015-16 Rs.
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----	----	----	----	----	71.97
----	----	----	----	----	77.20
----	----	----	----	----	82.36
----	----	----	----	----	87.24
----	----	----	----	----	92.29
----	----	----	----	----	97.15
----	----	----	----	----	101.93
----	----	----	----	----	106.65
----	----	----	----	----	115.85
----	----	----	----	----	115.85
----	----	----	----	----	6.72
----	----	----	----	----	5.97
----	----	----	----	----	5.45
----	----	----	----	----	5.38
----	----	----	----	----	6.08
----	----	----	----	----	5.35
----	----	----	----	----	5.13
----	----	----	----	----	2.41

Sr. No	Item No as per N.B.O	Description	Unit	Rate of Year 2007-08
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3.2.1 (A) Lime, murrum, building rubbish,
manure or sludge and excavated rock
and fly ash

4.0 Excavated rock

A. 0.50 km cum -----

B. 1.00 km cum -----

C. 1.50 km cum -----

D. 2.00 km cum -----

E. 2.50 km cum -----

F. 3.00 km cum -----

G. 3.50 km cum -----

H. 4.00 km cum -----

I. 4.50 km cum -----

J. 5.00 km cum -----

Rate per unit km for kilometerage above
5.0 km lead falling in total range between
km ... to ... km.

K. Above 5.0 km & upto 10.00 km cum / km -----

K. Above 10.0 km & upto 15.00 km cum / km -----

K. Above 15.0 km & upto 25.00 km cum / km -----

K. Above 25.0 km & upto 50.00 km cum / km -----

K. Above 50.0 km & upto 100.00 km cum / km -----

K. Above 100.0 km & upto 200.00 km cum / km -----

K. Above 200.0 km & upto 400.00 km cum / km -----

K. Above 400.0 km cum / km -----

Rate of Year 2008-09	Rate of Year 2011-12	Rate for 2012-13 Rs.	Rate for 2013-14 Rs.	Rate for 2014-15 Rs.	Rate for 2015-16 Rs.
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----	----	----	----	----	132.38
----	----	----	----	----	142.00
----	----	----	----	----	151.48
----	----	----	----	----	160.47
----	----	----	----	----	169.76
----	----	----	----	----	178.68
----	----	----	----	----	187.48
----	----	----	----	----	196.16
----	----	----	----	----	204.63
----	----	----	----	----	213.08
----	----	----	----	----	
----	----	----	----	----	12.35
----	----	----	----	----	10.99
----	----	----	----	----	10.02
----	----	----	----	----	9.90
----	----	----	----	----	11.19
----	----	----	----	----	9.84
----	----	----	----	----	9.43
----	----	----	----	----	4.43

Sr. No	Item No as per N.B.O	Description	Unit	Rate of Year 2007-08
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3.2.1 (B) Sand, stone aggregate and soling stone, brick & cinder aggregates.

1.0 Sand, Stone aggregate, brick/cinder aggregates below 40 mm.

A. 0.50 km cum -----

B. 1.00 km cum -----

C. 1.50 km cum -----

D. 2.00 km cum -----

E. 2.50 km cum -----

F. 3.00 km cum -----

G. 3.50 km cum -----

H. 4.00 km cum -----

I. 4.50 km cum -----

J. 5.00 km cum -----

Rate per unit km for kilometerage above 5.0 km lead falling in total range between km ... to ... km.

K. Above 5.0 km & upto 10.00 km cum / km -----

K. Above 10.0 km & upto 15.00 km cum / km -----

K. Above 15.0 km & upto 25.00 km cum / km -----

K. Above 25.0 km & upto 50.00 km cum / km -----

K. Above 50.0 km & upto 100.00 km cum / km -----

K. Above 100.0 km & upto 200.00 km cum / km -----

K. Above 200.0 km & upto 400.00 km cum / km -----

K. Above 400.0 km cum / km -----

Rate of Year 2008-09	Rate of Year 2011-12	Rate for 2012-13 Rs.	Rate for 2013-14 Rs.	Rate for 2014-15 Rs.	Rate for 2015-16 Rs.
-------------------------	-------------------------	----------------------------	----------------------------	----------------------------	----------------------------

----	----	----	----	----	66.19
----	----	----	----	----	71.00
----	----	----	----	----	75.74
----	----	----	----	----	80.23
----	----	----	----	----	84.88
----	----	----	----	----	89.34
----	----	----	----	----	93.64
----	----	----	----	----	98.08
----	----	----	----	----	102.32
----	----	----	----	----	106.54
----	----	----	----	----	
----	----	----	----	----	6.18
----	----	----	----	----	5.49
----	----	----	----	----	5.01
----	----	----	----	----	4.95
----	----	----	----	----	5.60
----	----	----	----	----	4.92
----	----	----	----	----	4.72
----	----	----	----	----	2.21

Sr. No	Item No as per N.B.O	Description	Unit	Rate of Year 2007-08
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3.2.1 (B) Sand, stone aggregate and soling stone, brick & cinder aggregates.

2.0 Stone aggregate 40 mm nominal size

A. 0.50 km cum -----

B. 1.00 km cum -----

C. 1.50 km cum -----

D. 2.00 km cum -----

E. 2.50 km cum -----

F. 3.00 km cum -----

G. 3.50 km cum -----

H. 4.00 km cum -----

I. 4.50 km cum -----

J. 5.00 km cum -----

Rate per unit km for kilometerage above 5.0 km lead falling in total range between km ... to ... km.

K. Above 5.0 km & upto 10.00 km cum / km -----

K. Above 10.0 km & upto 15.00 km cum / km -----

K. Above 15.0 km & upto 25.00 km cum / km -----

K. Above 25.0 km & upto 50.00 km cum / km -----

K. Above 50.0 km & upto 100.00 km cum / km -----

K. Above 100.0 km & upto 200.00 km cum / km -----

K. Above 200.0 km & upto 400.00 km cum / km -----

K. Above 400.0 km cum / km -----

Rate of Year 2008-09	Rate of Year 2011-12	Rate for 2012-13 Rs.	Rate for 2013-14 Rs.	Rate for 2014-15 Rs.	Rate for 2015-16 Rs.
-------------------------	-------------------------	----------------------------	----------------------------	----------------------------	----------------------------

----	----	----	----	----	71.97
----	----	----	----	----	77.20
----	----	----	----	----	82.36
----	----	----	----	----	87.24
----	----	----	----	----	92.29
----	----	----	----	----	97.15
----	----	----	----	----	101.93
----	----	----	----	----	106.65
----	----	----	----	----	115.85
----	----	----	----	----	115.85
----	----	----	----	----	6.72
----	----	----	----	----	5.97
----	----	----	----	----	5.45
----	----	----	----	----	5.38
----	----	----	----	----	6.08
----	----	----	----	----	5.35
----	----	----	----	----	5.13
----	----	----	----	----	2.41

Sr. No	Item No as per N.B.O	Description	Unit	Rate of Year 2007-08
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3.2.1 (B) Sand, stone aggregate and soling stone, brick & cinder aggregates.

3.0 Soling stone

A. 0.50 km cum ----

B. 1.00 km cum ----

C. 1.50 km cum ----

D. 2.00 km cum ----

E. 2.50 km cum ----

F. 3.00 km cum ----

G. 3.50 km cum ----

H. 4.00 km cum ----

I. 4.50 km cum ----

J. 5.00 km cum ----

Rate per unit km for kilometerage above 5.0 km lead falling in total range between km ... to ... km.

K. Above 5.0 km & upto 10.00 km cum / km ----

K. Above 10.0 km & upto 15.00 km cum / km ----

K. Above 15.0 km & upto 25.00 km cum / km ----

K. Above 25.0 km & upto 50.00 km cum / km ----

K. Above 50.0 km & upto 100.00 km cum / km ----

K. Above 100.0 km & upto 200.00 km cum / km ----

K. Above 200.0 km & upto 400.00 km cum / km ----

K. Above 400.0 km cum / km ----

Rate of Year 2008-09	Rate of Year 2011-12	Rate for 2012-13 Rs.	Rate for 2013-14 Rs.	Rate for 2014-15 Rs.	Rate for 2015-16 Rs.
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----	----	----	----	----	94.56
----	----	----	----	----	101.43
----	----	----	----	----	108.20
----	----	----	----	----	114.62
----	----	----	----	----	121.25
----	----	----	----	----	127.63
----	----	----	----	----	133.91
----	----	----	----	----	140.11
----	----	----	----	----	146.17
----	----	----	----	----	152.20
----	----	----	----	----	
----	----	----	----	----	8.82
----	----	----	----	----	7.85
----	----	----	----	----	7.16
----	----	----	----	----	7.07
----	----	----	----	----	7.99
----	----	----	----	----	7.03
----	----	----	----	----	6.74
----	----	----	----	----	3.16

Sr. No	Item No as per N.B.O	Description	Unit	Rate of Year 2007-08
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3.2.1 (B) Sand, stone aggregate and soling
stone, brick & cinder aggregates.

4.0 Concrete Block (Foam)

A. 0.50 km cum ----

B. 1.00 km cum ----

C. 1.50 km cum ----

D. 2.00 km cum ----

E. 2.50 km cum ----

F. 3.00 km cum ----

G. 3.50 km cum ----

H. 4.00 km cum ----

I. 4.50 km cum ----

J. 5.00 km cum ----

Rate per unit km for kilometerage above
5.0 km lead falling in total range between
km ... to ... km.

K. Above 5.0 km & upto 10.00 km cum / km ----

K. Above 10.0 km & upto 15.00 km cum / km ----

K. Above 15.0 km & upto 25.00 km cum / km ----

K. Above 25.0 km & upto 50.00 km cum / km ----

K. Above 50.0 km & upto 100.00 km cum / km ----

K. Above 100.0 km & upto 200.00 km cum / km ----

K. Above 200.0 km & upto 400.00 km cum / km ----

K. Above 400.0 km cum / km ----

Rate of Year 2008-09	Rate of Year 2011-12	Rate for 2012-13 Rs.	Rate for 2013-14 Rs.	Rate for 2014-15 Rs.	Rate for 2015-16 Rs.
-------------------------	-------------------------	----------------------------	----------------------------	----------------------------	----------------------------

----	----	----	----	----	66.19
----	----	----	----	----	71.00
----	----	----	----	----	75.74
----	----	----	----	----	80.23
----	----	----	----	----	84.88
----	----	----	----	----	89.34
----	----	----	----	----	93.74
----	----	----	----	----	98.08
----	----	----	----	----	102.32
----	----	----	----	----	.
----	----	----	----	----	106.54
----	----	----	----	----	6.18
----	----	----	----	----	5.49
----	----	----	----	----	5.01
----	----	----	----	----	4.95
----	----	----	----	----	5.60
----	----	----	----	----	4.92
----	----	----	----	----	4.72
----	----	----	----	----	2.21

Sr. No	Item No as per N.B.O	Description	Unit	Rate of Year 2007-08
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3.2.6 Cement

A. 0.50 km	M.T	----
B. 1.00 km	M.T	----
C. 1.50 km	M.T	----
D. 2.00 km	M.T	----
E. 2.50 km	M.T	----
F. 3.00 km	M.T	----
G. 3.50 km	M.T	----
H. 4.00 km	M.T	----
I. 4.50 km	M.T	----
J. 5.00 km	M.T	----
Rate per unit km for kilometerage above 5.0 km lead falling in total range between km ... to ... km.		
K. Above 5.0 km & upto 10.00 km	M.T / km	----
K. Above 10.0 km & upto 15.00 km	M.T / km	----
K. Above 15.0 km & upto 25.00 km	M.T / km	----
K. Above 25.0 km & upto 50.00 km	M.T / km	----
K. Above 50.0 km & upto 100.00 km	M.T / km	----
K. Above 100.0 km & upto 200.00 km	M.T / km	----
K. Above 200.0 km & upto 400.00 km	M.T / km	----
K. Above 400.0 km	M.T / km	----

Rate of Year 2008-09	Rate of Year 2011-12	Rate for 2012-13 Rs.	Rate for 2013-14 Rs.	Rate for 2014-15 Rs.	Rate for 2015-16 Rs.
-------------------------	-------------------------	----------------------------	----------------------------	----------------------------	----------------------------

----	----	----	----	----	131.51
----	----	----	----	----	134.89
----	----	----	----	----	138.20
----	----	----	----	----	141.37
----	----	----	----	----	144.55
----	----	----	----	----	147.54
----	----	----	----	----	150.78
----	----	----	----	----	153.86
----	----	----	----	----	156.77
----	----	----	----	----	159.74
----	----	----	----	----	
----	----	----	----	----	4.32
----	----	----	----	----	3.85
----	----	----	----	----	3.51
----	----	----	----	----	3.47
----	----	----	----	----	3.92
----	----	----	----	----	3.44
----	----	----	----	----	3.30
----	----	----	----	----	

Sr. No	Item No as per N.B.O	Description	Unit	Rate of Year 2007-08
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3.2.7 Steel

Note: For item No 3.2.7 add Rs. 10.00 per M.T as handling charges for the lead from 0.50 to 5.0 km only.

A. 0.50 km	M.T	----
B. 1.00 km	M.T	----
C. 1.50 km	M.T	----
D. 2.00 km	M.T	----
E. 2.50 km	M.T	----
F. 3.00 km	M.T	----
G. 3.50 km	M.T	----
H. 4.00 km	M.T	----
I. 4.50 km	M.T	----
J. 5.00 km	M.T	----

Rate per unit km for kilometerage above 5.0 km lead falling in total range between km ... to ... km.

K. Above 5.0 km & upto 10.00 km	M.T / km	----
K. Above 10.0 km & upto 15.00 km	M.T / km	----
K. Above 15.0 km & upto 25.00 km	M.T / km	----
K. Above 25.0 km & upto 50.00 km	M.T / km	----
K. Above 50.0 km & upto 100.00 km	M.T / km	----
K. Above 100.0 km & upto 200.00 km	M.T / km	----
K. Above 200.0 km & upto 400.00 km	M.T / km	----
K. Above 400.0 km	M.T / km	----

Rate of Year 2008-09	Rate of Year 2011-12	Rate for 2012-13 Rs.	Rate for 2013-14 Rs.	Rate for 2014-15 Rs.	Rate for 2015-16 Rs.
-------------------------	-------------------------	----------------------------	----------------------------	----------------------------	----------------------------

----	----	----	----	----	141.51
----	----	----	----	----	144.89
----	----	----	----	----	148.20
----	----	----	----	----	151.37
----	----	----	----	----	154.55
----	----	----	----	----	157.74
----	----	----	----	----	160.78
----	----	----	----	----	163.86
----	----	----	----	----	166.77
----	----	----	----	----	169.74
----	----	----	----	----	5.32
----	----	----	----	----	4.85
----	----	----	----	----	4.51
----	----	----	----	----	4.47
----	----	----	----	----	4.92
----	----	----	----	----	4.44
----	----	----	----	----	4.30
----	----	----	----	----	1.00

Sr. No	Item No as per N.B.O	Description	Unit	Rate of Year 2007-08
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- Foot Notes:**
- (1) The above rates include contractor's profit and overhead
 - (2) The above rates include the loading, unloading and stacking
 - (3) For calculating conveyance charges for a specific lead more

RATE ANALYSIS

Calculate the conveyance charges for cement for 104.0 Km lead.
Cement is given in item No : 3.2.6

Its unit of Rate is M. Ton

Conveyance charges for first 5.0 Km lead is 248.94 / M. Ton

Remaining lead is $104.00 - 5.00 = 99.00$ Km

Now total lead is 104.00 Km which falls in the range of 101 Km to 200 Km. For this range rate is Rs. 3.44 per Km per M.Ton.

i.e conveyance charges for remaining 99.0 Km lead is $99.0 \times 3.44 = 340.56$

Total conveyance charges for 104 Km lead is Rs. $159.74 + 340.56 = 500.30$ including loading and unloading.

Rate of Year 2008-09	Rate of Year 2011-12	Rate for 2012-13 Rs.	Rate for 2013-14 Rs.	Rate for 2014-15 Rs.	Rate for 2015-16 Rs.
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GOVERNMENT OF GUJARAT

Road & Buildings Department
Circular No SOR / 1085 / 7 / H (1)
Sachivalaya, Gandhinagar
Dated : 8 - 12 - 1986

- 1 The question of fixing uniform rate of cement consumption for various items was under consideration of Government since some time. A standard cement consumption statement is now prepared and enclosed herewith for guidance of field officers (Statement No 1)
- 2 The consumption of cement for 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 one considered in design mix. However it will be necessary to fix standard for assessing 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 for controlled concrete items is also prepared and enclosed (Statement no 2)
- 3 The consumption specified in the norms forwarded herewith are on an average basis and variation to the extent of + or - 5% is permissible.

Deputy Secretary to Government of Gujarat
Roads & Buildings Department

D.A: Statement No 1
Statement No 2

To,
All Superintending Engineer (including Panchayat) Circles

All Executive Engineer (including Panchayat)

All Technical officers of Sachivalaya (R & B) Department.

STATEMENT NO 1

Standard for cement consumption for different items of work included in the schedule of rates (Except controlled concrete items)

BUILDING ITEMS

Sr. No in chapter in S.O.R	Item No in S.O.R	Brief description of item	Unit	Quantity of cement to be used per unit quantity of work (in Kilograms)
(1)	(2)	(3)	(4)	(5)

2. MORTARS CEMENT MORTAR

5	2.5.11	1:1 (Cement : 1 sand)	cum.	1020.00
6	2.5.12	1:2 (Cement : 2 sand)	cum.	680.00
7/11	2.5.13 / 2.5.18	1:3 (Cement : 3 sand)	cum.	510.00
8/12	2.5.14 / 2.5.19	1:4 (Cement : 4 sand)	cum.	380.00
9/13	2.5.15 / 2.5.20	1:5 (Cement : 5 sand)	cum.	310.00
10/14	2.5.16 / 2.5.21	1:6 (Cement : 6 sand)	cum.	250.00
15	0.0	1:8 (Cement : 8 sand)	cum.	191.40

5. CONCRETE WORK

CEMENT CONCRETE (PLAIN OR R.C.C ORDINARY OR CONTROLLED

3/5	i.3.2 / 5.3.1	1:3:6 (1Cement : 3 sand : 6 graded aggregates)	cum.	220.00
4	5.3.3	1:4:8 (1Cement : 4 sand : 8 graded aggregates)	cum.	170.00

Sr. No in chapter in S.O.R	Item No in S.O.R	Brief description of item	Unit	Quantity of cement to be used per unit quantity of work (in Kilograms)
(1)	(2)	(3)	(4)	(5)
6/9	5.3.4/ 5.3.8	1:5:10 (1Cement : 5 sand : 10 graded aggregates)	cum.	130.00
10/11	5.3.13	1:2:4 (1Cement : 2 sand : 4 graded aggregates)	cum.	320.00
12	5.4.4	Reinforcement cement concrete 1:2:4 for chhajjas including finishing with cement mortar 1:3 (1 Cement : 3 sand)	cum	393 (including 73 Kg for finishing etc.)
17	5.4.16	Smooth finishing of exposed surface with cement mortar 1:3	sqm	3.67
21	5.7.1	Damp proof course with 25 mm thick cement concrete 1:2:4 (1Cement : 2 sand : 4 graded aggregates)	sqm	8.00

6. BRICK WORK

BRICK WORK (ALL CLASSES)

1	6.12	In Cement mortar 1:5 (1 Cement : 5 sand)		
		(A) MODULAR	cum	65.10
		(B) CONVENTIONAL	cum	74.40
2	6.13	In Cement mortar 1:6 (1 Cement : 6 sand)		
		(A) MODULAR	cum	52.50
		(B) CONVENTIONAL	cum	60.00
3	0.0	In Cement mortar 1:8 (1 Cement : 8 sand)		
		(A) MODULAR	cum	40.19
		(B) CONVENTIONAL	cum	45.94

Sr. No in chapter in S.O.R	Item No in S.O.R	Brief description of item	Unit	Quantity of cement to be used per unit quantity of work (in Kilograms)
(1)	(2)	(3)	(4)	(5)

HALF BRICK WORK (ALL CLASSES)

8	6.30 (I)	In Cement mortar 1:4 (1 Cement : 4 sand)		
		(A) MODULAR	sqm	9.50
		(B) CONVENTIONAL	sqm	10.64
	6.30 (II)	In Cement mortar 1:5 (1 Cement : 5 sand)		
		(A) MODULAR	sqm	7.75
		(B) CONVENTIONAL	sqm	8.68
9	6.31	In Cement mortar 1:3 (1 Cement : 3 sand)		
		(A) MODULAR	sqm	12.75
		(B) CONVENTIONAL	sqm	14.28

MISCELLANEOUS

12	6.55	Half brick honey comb brick work		
		In Cement mortar 1:4 (1 Cement : 4 sand)	sqm	6.02
		In Cement mortar 1:5 (1 Cement : 5 sand)	sqm	4.91

7. STONE WORK AND CONCRETE BLOCK MASONRY

UNCOURSED RUBBLE MASONRY

1	7.6	(I) In Cement mortar 1:6 (1 Cement : 6 sand)	cum	82.50
		(II) In Cement mortar 1:5 (1 Cement : 5 sand)	cum	102.30

Sr. No in chapter in S.O.R	Item No in S.O.R	Brief description of item	Unit	Quantity of cement to be used per unit quantity of work (in Kilograms)
(1)	(2)	(3)	(4)	(5)

COURSE RUBBLE MASONRY

4	7.17 (A)	In Cement mortar 1:6 (1 Cement : 6 sand)	cum	75.00
5	7.17 (B)	In Cement mortar 1:5 (1 Cement : 5 sand)	cum	93.00
		In Cement mortar 1:4 (1 Cement : 4 sand)	cum	114.00
		In Cement mortar 1:3 (1 Cement : 3 sand)	cum	153.00

MISCELLANEOUS

9	0.0	White stone Bela masonry in partition wall in cement mortar 1:4 (1 Cement : 4 sand)	sqm	5.70
10	0.0	White stone Bela masonry in cement mortar 1:5 (1 Cement : 5 sand)	cum	65.10
11	0.0	White stone Bela masonry in cement mortar 1:6 (1 Cement : 6 sand)	cum	62.50
12	7.75	Precast concrete block masonry in cement mortar 1:6 (1 Cement : 6 sand)	cum	23.81
14	7.82	Precast concrete block masonry in partition wall in cement mortar 1:4 (1 Cement : 4 sand)	sqm	4.09

14. FLOORING

TERRAZZO FLOORING

1	14.2	40 mm thick marble chips flooring with under layer 30 mm thick cement concrete 1:2:4 and top layer 10 mm thick with marble chips laid in cement marble powder mix 3:1 (3 Cement : 1 marble powder by weight) in proportion 4 : 7 (4 Cement marble powder mix : 7 marble chips by volume)		
	(A)	Dark shade pigment with ordinary cement (In top layer only)	sqm	16.33 (Including 6.36 kg white cement)
	(B)	Light shade pigment with ordinary cement (In top layer only)	sqm	16.33 (Including 6.36 kg white cement)

Sr. No in chapter in S.O.R	Item No in S.O.R	Brief description of item	Unit	Quantity of cement to be used per unit quantity of work (in Kilograms)
(1)	(2)	(3)	(4)	(5)

2	14.4	40 mm thick marble chips flooring with under layer 30 mm thick cement concrete 1:2:4 and top layer 10 mm thick with marble chips laid in cement marble powder mix 3:1 (3 Cement : 1 marble powder by weight) in proportion 4 : 7 (4 Cement marble powder mix : 7 marble chips by volume)		
	(A)	Dark shade pigment with ordinary cement (In top layer only)	sqm	13.89 (Including 6.36 kg white cement)
	(B)	Light shade pigment with ordinary cement (In top layer only)	sqm	13.89 (Including 6.36 kg white cement)

TILE FLOORING

4	14.19	Precast terrazzo tile 20 mm thick in flooring on a bed of 25 mm average thickness in cement mortar 1:6 (1 Cement : 6 sand) jointed with neat cement slurry with precast tile of		
	(A)	Light shade using white cement	sqm	11.61 (Including 0.83 kg white cement)
	(C)	Dark shade using ordinary cement	sqm	11.61 (Including 0.83 kg white cement)

Sr. No in chapter in S.O.R	Item No in S.O.R	Brief description of item	Unit	Quantity of cement to be used per unit quantity of work (in Kilograms)
(1)	(2)	(3)	(4)	(5)

New items included in this S.O.R for the year 1985-86 vide Government letter No SOR - 1083 / 12 / H (i) dated 19-03-1986

	Providing & laying precast terrazzo tiles of 22 mm. thick with white black or white and black or of the colour specified in the specification tender item marble chips of sizes from 6 mm to 12 mm in floors, treads of steps and landings on 25 mm average thickness of lime mortar 1:1.5 (1 lime putty : 1.5 sand) or cement mortar 1:6 (1 cement : 6 coarse sand) jointed with neat cement slurry mixed with pigment to match the shade of tiles including rubbing & polishing complete with precast tile of		
(A)	Light shades using white cement.	sqm	11.61 (Including 0.83 kg white cement)
(B)	Dark shade using ordinary cement	sqm	11.61 (Including 0.83 kg white cement)
	Providing & laying precast terrazzo tiles of 27 mm to 28 mm thick with white black or white and black or of the colour specified in the specification tender item marble chips of sizes from 12 mm to 20 mm in floors, treads of steps and landings on 25 mm average thickness of lime mortar 1:1.5 (1 lime putty : 1.5 sand) or cement mortar 1:6 (1 cement : 6 coarse sand) jointed with neat cement slurry mixed with pigment to match the shade of tiles including rubbing & polishing complete with precast tile of		
(A)	Light shades using white cement.	sqm	11.61 (Including 0.83 kg white cement)
(B)	Dark shade using ordinary cement	sqm	11.61 (Including 0.83 kg white cement)

Sr. No in chapter in S.O.R	Item No in S.O.R	Brief description of item	Unit	Quantity of cement to be used per unit quantity of work (in Kilograms)
(1)	(2)	(3)	(4)	(5)

5	14.21	Precast terrazzo tiles of 20 mm thick with marble chips in skirting and risers of steps on 10 mm thick cement plaster 1:3 (1 Cement : 3 sand) jointed with neat cement slurry.		
	(A)	Light shades using white cement.	sqm	11.35 (Including 0.83 kg white cement)
	(B)	Dark shade using ordinary cement	sqm	11.35 (Including 0.83 kg white cement)

CHEQUERED TERRAZZO TILES FLOORING

6	14.25	Providing & laying chequered terrazzo tiles of 22 mm. thick in flooring on a bed of 25 mm average thickness of cement mortar 1:6 (1 cement : 6 coarse sand) jointed with neat cement slurry.		
	(A)	Light shades using white cement.	sqm	11.61 (Including 0.83 kg white cement)
	(B)	Dark shade using ordinary cement	sqm	11.61 (Including 0.83 kg white cement)
7	14.27	Providing & laying chequered terrazzo tiles of 28 mm. thick in tread of stairs and staircases on a bed of 12 mm average thickness of cement mortar 1:6 (1 cement : 6 coarse sand) jointed with neat cement slurry.		
	(A)	Light shades using white cement.	sqm	8.83 (Including 0.83 kg white cement)
	(B)	Dark shade using ordinary cement	sqm	8.83 (Including 0.83 kg white cement)

Sr. No in chapter in S.O.R	Item No in S.O.R	Brief description of item	Unit	Quantity of cement to be used per unit quantity of work (in Kilograms)
(1)	(2)	(3)	(4)	(5)

WHITE GLAZED TILE FLOORING

8	14.29	White glazed tiles 6 mm thick in flooring on a bed of 12 mm thick cement mortar 1:3 (1 Cement : 3 sand) and finished with flush jointing in white cement	sqm	10.44
9	14.32	White glazed tiles 6 mm thick in skirting on a bed of 12 mm thick cement mortar 1:3 (1 Cement : 3 sand) and finished with flush jointing in white cement	sqm	9.52

MARBLE STONE FLOORING

11	14.36	Marble stone slab flooring over 20 mm average base of cement mortar 1:6 (1 Cement : 6 sand) and jointed with grey cement slurry.	sqm	10.60
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KOTA STONE FLOORING

12	14.43	Kota stone slab flooring over 25 mm (average) thick base of cement mortar 1:6 (1 Cement : 6 sand) and jointed with grey cement slurry.		
	(A)	25 mm thick	sqm	12.00
	(B)	30 mm thick	sqm	12.40
13	14.44	Kota stone slab 25 mm in risers of steps, dado etc. laid on 10 mm thick cement mortar 1:3 (1 Cement : 3 sand) and jointed with grey cement slurry.	sqm	12.52
14	14.46	Rough chiseled dressed stone flooring over 20 mm thick base of cement mortar 1:5 (1 Cement : 5 sand) including jointing with cement mortar 1:2 (1 Cement : 2 sand)		
	(A)	25 mm thick	sqm	9.31
	(B)	40 mm thick	sqm	9.31

Sr. No in chapter in S.O.R	Item No in S.O.R	Brief description of item	Unit	Quantity of cement to be used per unit quantity of work (in Kilograms)
(1)	(2)	(3)	(4)	(5)

CEMENT CONCRETE FLOORING

15	14.71	Cement concrete flooring 1:2:4 (1 Cement : 2 coarse sand : 4 stone aggregate) finishing with floating coat of neat cement		
	(A)	40 mm thick	sqm	15.00
	(B)	50 mm thick	sqm	18.20
16	14.74	Cement concrete pavement (25 mm to 50 mm thick) 1:2:4 (1 Cement : 2 coarse sand : 4 stone aggregate) finishing with floating coat of neat cement	cum	37.50
17	11.81	20 mm thick precast cement concrete tiles on 20 mm thick bed of cement mortar 1:6 (1 Cement : 6 sand) jointed with neat cement slurry		
	(C)	Dark shade using ordinary cement	sqm	13.93
18	14.86	Chequered precast cement concrete tiles of 22 mm thick on 20 mm thick bed of cement mortar 1:6 (1 Cement : 6 sand) jointed with neat cement slurry	sqm	13.93

BRICK ON EDGE FLOORING

19	14.90	Brick on edge flooring laid dry grouted with cement mortar 1:6 including finishing the joints flush	sqm	6.00
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15. ROOFING

7	15.26	Filling cement concrete 1:2:4 (1 Cement : 2 coarse sand : 4 stone 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 to G.I or S.S pipes embedded in and including cement concrete blocks 100 mm x 100 mm x 100 mm size of 1:2:4 (1 Cement : 2 coarse sand : 4 stone aggregate) etc. complete.	Each	1.60

Sr. No in chapter in S.O.R	Item No in S.O.R	Brief description of item	Unit	Quantity of cement to be used per unit quantity of work (in Kilograms)
(1)	(2)	(3)	(4)	(5)

17. FINISHING CEMENT PLASTER

1	17.58	10 mm thick cement plaster in		
		(i) cement mortar 1: 3 (1 Cement : 3 sand)	sqm	5.82
		(ii) cement mortar 1:4 (1 Cement : 4 sand)	sqm	4.33
		(iii) cement mortar 1: 6 (1 Cement : 6 sand)	sqm	2.85
2	17.60	15 mm thick cement plaster in		
		(i) cement mortar 1: 3 (1 Cement : 3 sand)	sqm	8.42
		(ii) cement mortar 1:4 (1 Cement : 4 sand)	sqm	6.27
		(iii) cement mortar 1: 6 (1 Cement : 6 sand)	sqm	4.13
3	16.71	20 mm thick cement plaster in		
		(i) cement mortar 1: 3 (1 Cement : 3 sand)	sqm	11.42
		(ii) cement mortar 1:4 (1 Cement : 4 sand)	sqm	8.51
		(iii) cement mortar 1: 6 (1 Cement : 6 sand)	sqm	5.60
4	17.69	Finishing with floating coat of neat cement slurry	sqm	2.20

SAND FACED PLASTER

9	17.95	20 mm thick sand faced cement plaster consisting of 12 mm backing coat of cement mortar 1:3 (1 Cement : 3 sand) and 8 mm thick finishing coat in cement mortar 1:1 (1 Cement : 1 sand)	sqm	16.83
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POINTING ON BRICK WORK

10	17.116	Pointing on brick work with cement mortar 1:3 (1 Cement : 3 sand)	sqm	1.53
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Sr. No in chapter in S.O.R	Item No in S.O.R	Brief description of item	Unit	Quantity of cement to be used per unit quantity of work (in Kilograms)
(1)	(2)	(3)	(4)	(5)

11	17.117	Pointing on brick work with cement mortar 1:4 (1 Cement : 4 sand)	sqm	1.14
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POINTING ON STONE WORK

12	17.140	Pointing on coursed stone masonry with cement mortar 1:3 (1 Cement : 3 sand)	sqm	1.17
13	17.144	Pointing on uncoursed stone masonry with cement mortar 1:3 (1 Cement : 3 sand)	sqm	1.17

CEMENT VATA

15	0.0	Cement vata 10 cm x 10 cm size quarter round in cement mortar 1:1 (1 Cement : 1 sand) including neat cement finishing	Rmt	2.55
12 & 13	18.20 and 18.30	Cement washing with Portland cement slurry on walls (one coat)	sqm	0.11

21. REPAIRS TO BUILDINGS

2	21.23	Cutting out cracks of roof terrace to V-section and grouting with cement and sand slurry 1:3 (1 Cement 3 sand)	metre	0.20
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22. DRAINS AND SEWERAGE ITEMS

1	24.1	Providing and laying and jointing with stiff mixture of cement mortar in proportion 1:1 (1 Cement : 1 sand) salt glazed stoneware pipes.		
	(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 aggregate) bedding for stoneware pipes of following internal diameter		
	(A)	100 mm dia (112 mm average bed thickness)	metre	6.19
	(B)	150 mm dia (166 mm average bed thickness)	metre	10.40

Sr. No in chapter in S.O.R	Item No in S.O.R	Brief description of item	Unit	Quantity of cement to be used per unit quantity of work (in Kilograms)
(1)	(2)	(3)	(4)	(5)

5	24.18	lying, jointing and pointing with stiff mixture of cement mortar 1:1 (1 Cement : 1 sand) 150 mm internal dia stoneware half round channel.	metre	1.60
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BRIDGE ITEMS

3		Providing masonry steps with cement pointing step size 0.90 m wide, 0.15 m riser, 0.30 m tread.	Each	0.64
12, 21 26, 34 52 & 53		Providing and filling with ordinary cement concrete M-100	cum	220.00
13, 22 27, 31		Providing and casting in situ ordinary cement concrete M-150	cum	320.00
17		Providing and filling trenches of excavation in rocky strata with ordinary cement concrete	cum	160.00
48		Providing uncoursed rubble stone masonry in cement mortar 1:5 including pointing in cement mortar 1:3	cum	103.94
49 (a) (b) (c)		Providing coursed rubble stone masonry in cement mortar 1:3	cum	153.00
50		Extra for providing khanki facing over coursed rubble stone masonry including cement pointing in cement mortar 1:3	sqm	1.17
64, 66 (A) 74 (A), 91 (A) 93 (A) 103 (A)		Providing and cast in situ controlled cement concrete M-200 for R.C.C work	cum	400.00
65 (A), 73 (A) 90 (A), 92 (A), 102 (A)		Providing and cast in situ controlled cement concrete M-150 for R.C.C work	cum	320.00

Sr. No in chapter in S.O.R	Item No in S.O.R	Brief description of item	Unit	Quantity of cement to be used per unit quantity of work (in Kilograms)
(1)	(2)	(3)	(4)	(5)

95 (A)		Providing parapet of ordinary cement concrete M-150 etc. complete	Rmt	39.60
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96 (A)		Providing parapet of ordinary cement concrete M-200 etc. complete	Rmt	48.00
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97		Providing and fixing post and pipe railing as per detailed drawing (with R.C.C post 15 cm x 15 cm x 1.0 mt. fixed at 2.0 mt. center to center.	Rmt	4.126
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- Note :
- (1) Cement consumption is independent of
 - (A) whether line / 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)

Standard for cement consumption for controlled concrete items of work included in the schedule of rates for the purpose of assessing cement did not for observing in actual execution.

Sr. No in chapter in S.O.R	Item No in S.O.R	Brief description of item	Unit	Quantity of cement to be used per unit quantity of work (in Kilograms)
(1)	(2)	(3)	(4)	(5)

BUILDING ITEMS

5. CONCRETE WORK

23	5.8.1	Controlled cement concrete M 150 for R.C.C work	cum	320.00
24	5.8.2	Controlled cement concrete M 200 for R.C.C work	cum	400.00
25	5.8.3	Controlled cement concrete M 200 for R.C.C work	cum	450.00

BRIDGE ITEMS

14, 19, 36, 45		Providing and cast in situ controlled cement concrete M 200	cum	400.00
35		Providing and cast in situ controlled cement concrete M 150	cum	320.00
40		Providing and laying controlled cement concrete M 200 for R.C.C bored piles of 1.20 metre diameter	cum	440.00 (400.00 + 10% extra)
41		Providing and laying controlled cement concrete M 250 for R.C.C bored piles of 1.20 metre diameter	cum	495.00 (450.00 + 10% extra)

Sr. No in chapter in S.O.R	Item No in S.O.R	Brief description of item	Unit	Quantity of cement to be used per unit quantity of work (in Kilograms)
(1)	(2)	(3)	(4)	(5)
66 (B), 74 (B), 76, 91 (B) 93 (B), 103 (B)		Providing and casting in situ controlled cement concrete M 200 for R.C.C work	cum	400.00
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	cum	320.00
75, 77		Providing and casting in situ controlled cement concrete M 250 for R.C.C work	cum	450.00
80		Providing and casting in situ precast controlled cement concrete M 350 for pre-stressed concrete work	cum	500.00
81		Providing and casting in situ or precast controlled cement concrete M 400 for pre-stressed concrete work	cum	525.00
82		Providing and casting in situ or precast controlled cement concrete M 450 for pre-stressed concrete work	cum	540.00
94		Providing and laying precast R.C.C footpath slab in controlled cement concrete M 200 (700 mm thick) including setting cement chequered tiles in cement mortar 1:5	sqm	34.14
95 (B)		Providing parapet of controlled cement concrete M 150 etc. complete	Rmt.	39.60
96 (B)		Providing parapet of controlled cement concrete M 200 etc. complete	Rmt.	39.60
Note :	(1)	Cement consumption is independent of (A) whether line / 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 per unit of controlled concrete item will be taken as worked out in mix design. The minimum and the maximum requirement of cement will be as per relevant I.R.C. Codes for those particular items.		
	(3)	The quantities shown in column 5 shall used only for the purpose of estimating the cement requirement for the purpose of fixing quantity in Schedule - A or tender placing indents etc.		

SIGNATURE SLIP

Schedule of rates for the year	Rate in Col. No.	Signature of Executive Engineer	Signature of sanctioning & counter-signing	Remarks.
2015-16	9			Rates in Col No 9 higher than Col. No 8 upto 15% are sanctioned at Circle level and above 15% are sanctioned by Goernment vide letter No