

Schedule A : Fixed Rates for Associated items for Supply & Services

Project Length - Up to 5000 meter

E-Tender 581009

Sr. No.	Item/ Services Description	Unit of Measurement	Fixed Basic Unit Rate (Rs.)
1	CONTINUOUS CONCRETE COATING (FOR CS PIPES) Size: 323.9 (12) X 6.4 mm WT	Meter	2655
2	CONTINUOUS CONCRETE COATING (FOR CS PIPES) Size: 219.1 (8) X 6.4 mm WT	Meter	1780
3	CONTINUOUS CONCRETE COATING (FOR CS PIPES) Size: 168.3 (6) X 6.4 mm WT	Meter	1335
4	CONTINUOUS CONCRETE COATING (FOR CS PIPES) Size: 114.3 (4) X 6.4 mm WT	Meter	1167
5	12" NPS, Seamless Pipe, WT SCH 40 (ASTM A333 Gr 6)	Meter	13926
6	8" NPS, Seamless Pipe, WT SCH 40 (ASTM A333 Gr 6)	Meter	7485
7	6" NPS, Seamless Pipe, WT SCH 40 (ASTM A333 Gr 6)	Meter	5040
8	4" NPS, Seamless Pipe, WT SCH 80 (ASTMA333 Gr 6)	Meter	2786
9	3" NPS, Seamless Pipe, WT SCH 40 (ASTM A333 Gr 6)	Meter	2037
10	2" NPS, Seamless pipe, WT SCH 80 (ASTM A333 Gr 6)	Meter	1392
11	1 ½" NPS, Seamless Pipe, WT SCH 80 (ASTM A333 Gr 6)	Meter	1131
12	1" NPS, Seamless Pipe, WT SCH 80 (ASTM A333 Gr 6)	Meter	914
13	¾" NPS, Seamless Pipe, Sch 80 (ASTMA333 Gr 6)	Meter	629
14	½" NPS, Seamless Pipe, Sch 80 (ASTM A333 Gr 6)	Meter	419
15	3"-90Deg. - Elbow, BW, (ASTM A 234 Gr. WPB), Charpy at 0 Deg C, SCH - 40	Each	517
16	2"-90Deg. - Elbow,BW, (ASTM A 234 Gr. WPB), Charpy at 0 Deg C, SCH-80	Each	370
17	1"-90Deg. - Elbow,SW, (ASTM A105 Gr. B), Charpy at 0 Deg C, 3000#	Each	165
18	3"-45Deg. - Elbow,BW, (ASTM A 234 Gr. WPB), Charpy at 0 Deg C, SCH-40	Each	407
19	2"-45Deg. - Elbow,BW, (ASTM A 234 Gr. WPB), Charpy at 0 Deg C, SCH-80	Each	370
20	1"-45Deg. - Elbow,BW, (ASTM A 105 Gr. B), Charpy at 0 Deg C, 3000#	Each	222
21	3"-30Deg. - Elbow,BW, (ASTM A 234 Gr. WPB), Charpy at 0 Deg C, SCH-40	Each	407
22	2"-30Deg. - Elbow,BW, (ASTM A 234 Gr. WPB), Charpy at 0 Deg C, SCH-80	Each	370
23	1"-30Deg. - Elbow,BW, (ASTM A 105 Gr. B), Charpy at 0 Deg C, 3000#	Each	246
24	3"-22.5Deg. - Elbow,BW, (ASTM A 234 Gr. WPB), Charpy at 0 Deg C, SCH-40	Each	407
25	2"-22.5Deg. - Elbow,BW, (ASTM A 234 Gr. WPB), Charpy at 0 Deg C, SCH-80	Each	370
26	1"-22.5Deg. - Elbow,BW, (ASTM A 105 Gr. B), Charpy at 0 Deg C, 3000#	Each	246
27	3" X 3"-Equal TEE,BW, (ASTM A 234 Gr. WPB)-Charpy at 0 Deg C, SCH 40xSCH 40	Each	1035
28	2" X 2"-Equal TEE,BW, (ASTM A 234 Gr. WPB)-Charpy at 0 Deg C, SCH 80XSCH 80	Each	961
29	1"X1"-Equal TEE,SW, (ASTM A 105),Charpy at 0 Deg C, 3000#	Each	310
30	2" X 1 1/2"-Reducing TEE,BW,(ASTM A 234 Gr. WPB)-Charpy at 0 Deg C,SCH 80XSCH 80	Each	961
31	2" X 1"-Reducing TEE,BW,(ASTM A 234 Gr. WPB)-Charpy at 0 Deg C,SCH 80XSCH 80	Each	1405
32	12"X4" Weldolet ,3000#,(ASTM A 105), Charpy at 0 Deg C,SCH-80	Each	2475
33	12"X3" Weldolet ,3000#,(ASTM A 105), Charpy at 0 Deg C,SCH-80	Each	1870
34	12"X2" Weldolet ,3000#,(ASTM A 105), Charpy at 0 Deg C,SCH-80	Each	1700
35	8"X3" Weldolet,3000#,(ASTM A 105), Charpy at 0 Deg C,SCH-80	Each	1870
36	8"X2" Weldolet,3000#,(ASTM A 105), Charpy at 0 Deg C,SCH-80	Each	1700
37	6"X2" Weldolet,3000#,(ASTM A 105), Charpy at 0 Deg C,SCH-80	Each	1700
38	12"X1 1/2" Sokolet, 3000# (ASTM A 105), Charpy at 0 Deg C,SCH-80	Each	888
39	12"X1" Sokolet, 3000# (ASTM A 105), Charpy at 0 Deg C,SCH-80	Each	591
40	12"X3/4" Sokolet, 3000# (ASTM A 105), Charpy at 0 Deg C,SCH-80	Each	517
41	12"X 1/2" Sokolet, 3000# (ASTM A 105), Charpy at 0 Deg C,SCH-80	Each	296
42	8"X1 1/2" Sokolet, 3000# (ASTM A 105), Charpy at 0 Deg C,SCH-80	Each	888
43	8"X1" Sokolet, 3000# (ASTM A 105), Charpy at 0 Deg C,SCH-80	Each	591
44	8"X3/4" Sokolet, 3000# (ASTM A 105), Charpy at 0 Deg C,SCH-80	Each	517
45	8"X 1/2" Sokolet, 3000# (ASTM A 105), Charpy at 0 Deg C,SCH-80	Each	296
46	6"X1 1/2" Sokolet, 3000# (ASTM A 105), Charpy at 0 Deg C,SCH-80	Each	888
47	6"X1" Sokolet , 3000# (ASTM A 105), Charpy at 0 Deg C,SCH-80	Each	591
48	6"X3/4" Sokolet , 3000# (ASTM A 105), Charpy at 0 Deg C,SCH-80	Each	517
49	6"X 1/2" Sokolet , 3000# (ASTM A 105), Charpy at 0 Deg C,SCH-80	Each	296
50	4"X1 1/2" Sokolet, 3000# (ASTM A 105), Charpy at 0 Deg C,SCH-80	Each	888
51	4"X1" Sokolet , 3000# (ASTM A 105), Charpy at 0 Deg C,SCH-80	Each	591
52	4"X3/4" Sokolet, 3000# (ASTM A 105), Charpy at 0 Deg C,SCH-80	Each	517
53	4"X 1/2" Sokolet, 3000# (ASTM A 105), Charpy at 0 Deg C,SCH-80	Each	296

Schedule A : Fixed Rates for Associated items for Supply & Services

Project Length - Up to 5000 meter

E-Tender 581009

Sr. No.	Item/ Services Description	Unit of Measurement	Fixed Basic Unit Rate (Rs.)
54	3"X1 1/2"Concentric Reducer,(ASTM A 234 Gr. WPB), Charpy at 0 Deg C, SCH-40xSCH-80	Each	850
55	3"X2"Concentric Reducer,(ASTM A 234 Gr. WPB), Charpy at 0 Deg C, SCH-40xSCH-80	Each	444
56	2"X1 1/2"Concentric Reducer,(ASTM A 234 Gr. WPB), Charpy at 0 Deg C, SCH-80XSCH-80	Each	296
57	3" CAP BW, (ASTM A 234 Gr. WPB), Charpy at 0 Deg C, SCH-40	Each	517
58	2" CAP BW, (ASTM A 234 Gr. WPB), Charpy at 0 Deg C, SCH-80	Each	296
59	3" WNRF,150#, (ASTM A105)Charpy at 0 Deg C	Each	660
60	2" WNRF,150# , (ASTM A105)Charpy at 0 Deg C	Each	440
61	1/2" SORF,150# , (ASTM A105)Charpy at 0 Deg C	Each	337
62	1" SORF,150# , (ASTM A105)Charpy at 0 Deg C	Each	165
63	3" Blind Flange,150# (ASTM A 105),Charpy at 0° C	Each	550
64	2" Blind Flange,150# (ASTM A 105),Charpy at 0° C	Each	275
65	1 1/2" Blind Flange,150# (ASTM A 105),Charpy at 0° C	Each	231
66	1" Blind Flange,150# (ASTM A 105),Charpy at 0° C	Each	140
67	2" Spacer and Blind 150# (ASTM A 234 Gr. WPB), Charpy at 0 Deg C	Each	605
68	1" Spacer and Blind 150# (ASTM A 234 Gr. WPB), Charpy at 0 Deg C	Each	385
69	12" Spiral Wound Gasket SS 316 + CNAF ,150#	Each	985
70	8" Spiral Wound Gasket SS 316 + CNAF, 150#	Each	595
71	6" Spiral Wound Gasket SS 316 + CNAF, 150#	Each	435
72	4" Spiral Wound Gasket SS 316 + CNAF, 150#	Each	320
73	3" Spiral Wound Gasket SS 316 + CNAF, 150#	Each	230
74	2" Spiral Wound Gasket SS 316 + CNAF, 150#	Each	154
75	1½" Spiral Wound Gasket SS 316 + CNAF, 150#	Each	105
76	1" Spiral Wound Gasket SS 316 + CNAF, 150#	Each	90
77	1/2" Spiral Wound Gasket SS 316 + CNAF, 150#	Each	55
78	12" Stud Bolt and Nut-(BOLT:ASTM A 193 B7, NUT:ASTM A 194 Gr.2H)_150#	Each	184
79	8" Stud Bolt and Nut-(BOLT:ASTM A 193 B7, NUT:ASTM A 194 Gr.2H)_150#	Each	126
80	6" Stud Bolt and Nut-(BOLT:ASTM A 193 B7, NUT:ASTM A 194 Gr.2H)_150#	Each	123
81	4" Stud Bolt and Nut-(BOLT:ASTM A 193 B7, NUT:ASTM A 194 Gr.2H)_150#	Each	76
82	3" Stud Bolt and Nut-(BOLT:ASTM A 193 B7, NUT:ASTM A 194 Gr.2H)_150#	Each	76
83	2" Stud Bolt and Nut-(BOLT:ASTM A 193 B7, NUT:ASTM A 194 Gr.2H)_150#	Each	73
84	1 1/2" Stud Bolt and Nut -(BOLT:ASTM A 193 B7, NUT:ASTM A 194 Gr.2H)_150#	Each	41
85	1" Stud Bolt and Nut -(BOLT:ASTM A 193 B7, NUT:ASTM A 194 Gr.2H)_150#	Each	39
86	1/2" Stud Bolt and Nut -(BOLT:ASTM A 193 B7, NUT:ASTM A 194 Gr.2H)_150#	Each	38
87	4"-150# Flapper (brass flapper)	Each	9619
88	3"-150# Flapper (brass flapper)	Each	7695
89	2"-150# Flapper (brass flapper)	Each	5771
90	1"-150# Flapper (brass flapper)	Each	2886
91	3"-90Deg. - Elbow,BW,(ASTM A 420 Gr. WPL 6),SCH 40	Each	666
92	2"-90Deg. - Elbow,BW,(ASTM A 420 Gr. WPL 6),SCH 80	Each	466
93	1"-90Deg. - Elbow,SW,(ASTM A 350 Gr. LF2), 3000#	Each	296
94	1/2"-90Deg. - Elbow,SW,(ASTM A 350 Gr. LF2), 3000#	Each	99
95	3"-45Deg. - Elbow,BW,(ASTM A 420 Gr. WPL 6),SCH 40	Each	517
96	2"-45Deg. - Elbow,BW,(ASTM A 420 Gr. WPL 6),SCH 80	Each	466
97	1"-45Deg. - Elbow,SW,(ASTM A 350 Gr. LF2), 3000#	Each	296
98	3"-30Deg. - Elbow,BW,(ASTM A 420 Gr. WPL 6),SCH 40	Each	517
99	2"-30Deg. - Elbow,BW,(ASTM A 420 Gr. WPL 6),SCH 80	Each	466
100	1"-30Deg. - Elbow,SW,(ASTM A 350 Gr. LF2),3000#	Each	392
101	3"-22.5Deg. - Elbow,BW,(ASTM A 420 Gr. WPL 6),SCH 40	Each	517
102	2"-22.5Deg. - Elbow,BW,(ASTM A 420 Gr. WPL 6),SCH 80	Each	466
103	1"-22.5Deg. - Elbow,SW,(ASTM A 350 LF2),3000#	Each	392
104	3" X 3"-Equal TEE,BW,(ASTM A 420 Gr. WPL 6),SCH 40	Each	1293
105	2" X 2"-Equal TEE,BW,(ASTM A 420 Gr. WPL 6),SCH 80	Each	1220
106	1"X1"-Equal TEE,SW,(ASTM A 350 Gr. LF2),3000#	Each	444

Schedule A : Fixed Rates for Associated items for Supply & Services

Project Length - Up to 5000 meter

E-Tender 581009

Sr. No.	Item/ Services Description	Unit of Measurement	Fixed Basic Unit Rate (Rs.)
107	1/2" X 1/2" Equal Tee, SW, 3000#, ASTM A350 Gr. LF2	Each	115
108	2" X 1 1/2"-Reducing TEE,BW,(ASTM A 420 Gr. WPL 6),SCH 80	Each	1220
109	2" X 1"-Reducing TEE,BW,(ASTM A 350 Gr. LF2),SCH 80	Each	1543
110	3"X2"Concentric Reducer,(ASTM A 420 Gr. WPL 6),SCH 40	Each	554
111	3"X1 1/2"Concentric Reducer,(ASTM A 420 Gr. WPL 6),SCH 40	Each	1072
112	2"X1 1/2"Concentric Reducer,(ASTM A 420 Gr. WPL 6),SCH 80	Each	370
113	2"X1"Concentric Reducer,(ASTM A 420 Gr. WPL 6),SCH 80	Each	254
114	3" CAP BW SCH40 (ASTM A 420 Gr. WPL6)	Each	570
115	2" CAP BW SCH80 (ASTM A 420 Gr. WPL6)	Each	326
116	1" CAP BW SCH80 (ASTM A 350 Gr. LF2),3000#	Each	123
117	12"X4" Weldolet ,3000#,(ASTM A 350 Gr. LF2),SCH 80	Each	2915
118	12"X3" Weldolet ,3000#,(ASTM A 350 Gr. LF2),SCH 80	Each	2200
119	12"X2" Weldolet ,3000#,(ASTM A 350 Gr. LF2),SCH 80	Each	1849
120	8"X3" Weldolet,3000#,(ASTM A 350 Gr. LF2),SCH 80	Each	2200
121	8"X2" Weldolet,3000#,(ASTM A 350 Gr. LF2),SCH 80	Each	1849
122	6"X2" Weldolet,3000#,(ASTM A 350 Gr. LF2),SCH 80	Each	1849
123	12"X1 1/2" Sokolet,3000# (ASTM A 350 Gr. LF2),SCH 80	Each	1035
124	12"X1" Sokolet, 3000# (ASTM A 350 Gr. LF2),SCH 80	Each	702
125	12"X3/4" Sokolet, 3000# (ASTM A 350 Gr. LF2),SCH 80	Each	629
126	12"X 1/2" Sokolet, 3000# (ASTM A 350 Gr. LF2),SCH 80	Each	355
127	8"X1 1/2" Sokolet, 3000# (ASTM A 350 Gr. LF2),SCH 80	Each	1035
128	8"X1" Sokolet, 3000# (ASTM A 350 Gr. LF2),SCH 80	Each	702
129	8"X3/4" Sokolet, 3000# (ASTM A 350 Gr. LF2),SCH 80	Each	629
130	8"X 1/2" Sokolet, 3000# (ASTM A 350 Gr. LF2),SCH 80	Each	355
131	6"X1 1/2" Sokolet, 3000# (ASTM A 350 Gr. LF2),SCH 80	Each	1035
132	6"X1" Sokolet , 3000# (ASTM A 350 Gr. LF2),SCH 80	Each	702
133	6"X3/4" Sokolet , 3000# (ASTM A 350 Gr. LF2),SCH 80	Each	629
134	6"X 1/2" Sokolet , 3000# (ASTM A 350 Gr. LF2),SCH 80	Each	355
135	4"X1 1/2" Sokolet, 3000# (ASTM A 350 Gr. LF2),SCH 80	Each	1035
136	4"X1" Sokolet , 3000# (ASTM A 350 Gr. LF2),SCH 80	Each	702
137	4"X3/4" Sokolet, 3000# (ASTM A 350 Gr. LF2),SCH 80	Each	629
138	4"X 1/2" Sokolet, 3000# (ASTM A 350 Gr. LF2),SCH 80	Each	355
139	3" WNRF,300#,Bevel End WT SCH 40 (ASTM A 350 Gr. LF2)	Each	1627
140	2" WNRF,300# ,Bevel End WT SCH 80 (ASTM A 350 Gr. LF2)	Each	1057
141	1" WNRF,300# , (ASTM A 350 Gr. LF2)	Each	610
142	1" SORF,300# , (ASTM A 350 Gr. LF2)	Each	330
143	1/2" SORF,300#, (ASTM A 350 Gr. LF2)	Each	287
144	3"-300# Blind Flange-(ASTM A 350 Gr. LF2)	Each	1627
145	2"-300# Blind Flange-(ASTM A 350 Gr. LF2)	Each	976
146	1"-300# Blind Flange-(ASTM A 350 Gr. LF2)	Each	458
147	1/2"-300# Blind Flange-(ASTM A 350 Gr. LF2)	Each	356
148	3" Spacer and Blind (ASTM A 350 Gr. LF2)300#	Each	1790
149	2" Spacer and Blind(ASTM A 350 Gr. LF2))300#	Each	1057
150	1" Spacer and Blind (ASTM A 350 Gr. LF2)300#	Each	650
151	12" Spiral Wound Gasket SS 316 + CNAF_300#	Each	1105
152	8" Spiral Wound Gasket SS 316 + CNAF_300#	Each	790
153	6" Spiral Wound Gasket SS 316 + CNAF_300#	Each	635
154	4" Spiral Wound Gasket SS 316 + CNAF_300#	Each	325
155	3" Spiral Wound Gasket SS 316 + CNAF_300#	Each	275
156	2" Spiral Wound Gasket SS 316 + CNAF_300#	Each	160
157	1½" Spiral Wound Gasket SS 316 + CNAF_300#	Each	115
158	1" Spiral Wound Gasket SS 316 + CNAF_300#	Each	90
159	1/2" Spiral Wound Gasket SS 316 + CNAF_300#	Each	39

Schedule A : Fixed Rates for Associated items for Supply & Services

Project Length - Up to 5000 meter

E-Tender 581009

Sr. No.	Item/ Services Description	Unit of Measurement	Fixed Basic Unit Rate (Rs.)
160	12" Stud Bolt and Nut -(BOLT:A 320 L7, NUT: A 194 Gr.2H),300#	Each	654
161	8" Stud Bolt and Nut -(BOLT:A 320 L7, NUT: A 194 Gr.2H),300#	Each	353
162	6" Stud Bolt and Nut -(BOLT:A 320 L7, NUT: A 194 Gr.2H),300#	Each	236
163	4" Stud Bolt and Nut -(BOLT:A 320 L7, NUT: A 194 Gr.2H),300#	Each	230
164	3" Stud Bolt and Nut -(BOLT:A 320 L7, NUT: A 194 Gr.2H),300#	Each	223
165	2" Stud Bolt and Nut -(BOLT:A 320 L7, NUT: A 194 Gr.2H),300#	Each	134
166	1 1/2" Stud Bolt and Nut -(BOLT:A 320 L7, NUT: A 194 Gr.2H),300#	Each	205
167	1 " Stud Bolt and Nut -(BOLT:A 320 L7, NUT: A 194 Gr.2H),300#	Each	125
168	1/2 " Stud Bolt and Nut -(BOLT:A 320 L7, NUT: A 194 Gr.2H),300#	Each	70
169	4"-300# Flapper (brass flapper),300#	Each	14429
170	3"-300# Flapper (brass flapper),300#	Each	11062
171	2"-300# Flapper (brass flapper),300#	Each	7695
172	1"-300# Flapper (brass flapper),300#	Each	3848
173	12" NPS, Seamless Pipe, WT Sch 80 (ASTM A333 Gr 6)	Meter	23737
174	8" NPS, Seamless Pipe, WT Sch 80 (ASTM A333 Gr 6)	Meter	11314
175	6" NPS, Seamless Pipe, WT Sch 80 (ASTM A333 Gr 6)	Meter	7485
176	4" NPS, Seamless Pipe, WT Sch 80 (ASTMA333 Gr 6)	Meter	4004
177	3" NPS, Seamless Pipe, WT Sch 40 (ASTM A333 Gr 6)	Meter	2037
178	1½" NPS, Seamless Pipe, WT Sch 160 (ASTM A333 Gr 6)	Meter	1479
179	1" NPS, Seamless Pipe, WT Sch 160 (ASTM A333 Gr 6)	Meter	914
180	¾" NPS, Seamless Pipe, WT Sch 160 (ASTMA333 Gr 6)	Meter	629
181	½" NPS, Seamless Pipe, WT Sch 160 (ASTM A333 Gr 6)	Meter	419
182	1"-90Deg. - Elbow,SW,1.5D,(ASTM A 350 Gr. LF2), 6000#	Each	444
183	1"-45Deg. - Elbow,SW,1.5D,(ASTM A 350 Gr. LF2), 6000#	Each	444
184	1"-30Deg. - Elbow,SW,1.5D,(ASTM A 350 Gr. LF2), 6000#	Each	490
185	1"-22.5Deg. - Elbow,SW,1.5D,(ASTM A 350 Gr. LF2), 6000#	Each	490
186	1"X1"-Equal TEE,SW,Sch.160 (ASTM A 350 Gr.LF2), 6000#	Each	385
187	2" X 1½"-Reducing TEE,BW,(ASTM A 420 Gr.WPL6),SCH 80	Each	1700
188	2" X 1"-Reducing TEE,BW,(ASTM A 420 Gr.WPL6),SCH 80	Each	1700
189	12"X4" Weldolet,6000#,(ASTM A 350 Gr. LF2),SCH 80	Each	2915
190	12"X3" Weldolet,6000#,(ASTM A 350 Gr. LF2),SCH 80	Each	2200
191	12"X2" Weldolet,6000#,(ASTM A 350 Gr. LF2),SCH 80	Each	2144
192	8"X3" Weldolet,6000#,(ASTM A 350 Gr. LF2),SCH 80	Each	2200
193	8"X2" Weldolet,6000#,(ASTM A 350 Gr. LF2),SCH 80	Each	2144
194	6"X2" Weldolet,6000#,(ASTM A 350 Gr. LF2),SCH 80	Each	2144
195	12"X1-1/2" Sockolet,6000#,(ASTM A 350 Gr. LF2),SCH 160	Each	1257
196	12"X1" Sockolet,6000#,(ASTM A 350 Gr. LF2),SCH 160	Each	850
197	12"X3/4" Sockolet,600#,(ASTM A 350 Gr. LF2),SCH 160	Each	739
198	12"X 1/2" Sockolet,6000#,(ASTM A 350 Gr. LF2),SCH 160	Each	444
199	8"X1½" Sockolet,6000#,(ASTM A 350 Gr. LF2),SCH 160	Each	1257
200	8"X1" Sockolet,6000#,(ASTM A 350 Gr. LF2),SCH 160	Each	850
201	8"X3/4" Sockolet,6000#,(ASTM A 350 Gr. LF2),SCH 160	Each	739
202	8"X 1/2" Sockolet,6000#,(ASTM A 350 Gr. LF2),SCH 160	Each	444
203	6"X1½" Sockolet,6000#,(ASTM A 350 Gr. LF2),SCH 160	Each	1257
204	6"X1" Sockolet,6000#,(ASTM A 350 Gr. LF2),SCH 160	Each	850
205	6"X3/4" Sockolet,6000#,(ASTM A 350 Gr. LF2),SCH 160	Each	739
206	6"X 1/2" Sockolet,6000#,(ASTM A 350 Gr. LF2),SCH 160	Each	444
207	4"X1½" Sockolet 6000#,(ASTM A 350 Gr. LF2),SCH 160	Each	1257
208	4"X1" Sockolet,6000#,(ASTM A 350 Gr. LF2),SCH 160	Each	850
209	4"X3/4" Sockolet,6000#,(ASTM A 350 Gr. LF2),SCH 160	Each	739
210	4"X 1/2" Sockolet,6000#,(ASTM A 350 Gr. LF2),SCH 160	Each	444
211	3" WNRF,600#(ASTM A 350 Gr. LF2)_SCH 40	Each	2662
212	2" WNRF,600# (ASTM A 350 Gr. LF2)_SCH 80	Each	1627

Schedule A : Fixed Rates for Associated items for Supply & Services

Project Length - Up to 5000 meter

E-Tender 581009

Sr. No.	Item/ Services Description	Unit of Measurement	Fixed Basic Unit Rate (Rs.)
213	1" WNRF,600# (ASTM A 350 Gr. LF2)_SCH 160	Each	998
214	1" SORF,600# (ASTM A 350 Gr. LF2)_SCH 160	Each	440
215	3"-600# Blind Flange-(ASTM A 350 Gr. LF2)	Each	2662
216	2"-600# Blind Flange-(ASTM A 350 Gr. LF2)	Each	1257
217	1"-600# Blind Flange-(ASTM A 350 Gr. LF2)	Each	850
218	3" Spacer and Blind 600# (ASTM A 350 Gr. LF2)	Each	3253
219	2" Spacer and Blind 600#(ASTM A 350 Gr. LF2)	Each	2144
220	1" Spacer and Blind 600# (ASTM A 350 Gr. LF2)	Each	1072
221	12" Spiral Wound Gasket SS 316 + RPTFE_600#	Each	1530
222	8" Spiral Wound Gasket SS 316 + RPTFE_600#	Each	915
223	6" Spiral Wound Gasket SS 316 + RPTFE_600#	Each	775
224	4" Spiral Wound Gasket SS 316 + RPTFE_600#	Each	420
225	3"Spiral Wound Gasket SS 316 + RPTFE_600#	Each	275
226	2" Spiral Wound Gasket SS 316 + RPTFE_600#	Each	160
227	1½" Spiral Wound Gasket SS 316 + RPTFE_600#	Each	115
228	1" Spiral Wound Gasket SS 316 + RPTFE_600#	Each	90
229	12" Stud Bolt and Nut-(BOLT:A 320 Gr.L7, NUT: A 194 Gr.2H)_600#	Each	1087
230	8" Stud Bolt and Nut -(BOLT:A 320 Gr.L7, NUT: A 194 Gr.2H)_600#	Each	770
231	6" Stud Bolt and Nut -(BOLT:A 320 Gr.L7, NUT: A 194 Gr.2H)_600#	Each	530
232	4" Stud Bolt and Nut -(BOLT:A 320 Gr.L7, NUT: A 194 Gr.2H)_600#	Each	362
233	3" Stud Bolt and Nut -(BOLT:A 320 Gr.L7, NUT: A 194 Gr.2H)_600#	Each	242
234	2" Stud Bolt and Nut -(BOLT:A 320 Gr.L7, NUT: A 194 Gr.2H)_600#	Each	147
235	1½" Stud Bolt and Nut -(BOLT:A 320 Gr.L7, NUT: A 194 Gr.2H)_600#	Each	223
236	1 " Stud Bolt and Nut -(BOLT:A 320 Gr.L7, NUT: A 194 Gr.2H)_600#	Each	134
237	1/2 " Stud Bolt and Nut -(BOLT:A 320 Gr.L7, NUT: A 194 Gr.2H)_600#	Each	27
238	4"-600# Flapper (brass flapper)	Each	19238
239	3"-600# Flapper (brass flapper)	Each	14429
240	3"-600# Flapper (brass flapper)	Each	9619
241	1"-600# Flapper (brass flapper)	Each	4810
242	REPAIR OF DEFECT IN PIPES_Cutting and rebevelling for dents in bevels exceeding 3 mm in depth for pipe sizes: 12" NB	Each	676
243	REPAIR OF DEFECT IN PIPES_Cutting and rebevelling for dents in bevels exceeding 3 mm in depth for pipe sizes: 8" NB	Each	449
244	REPAIR OF DEFECT IN PIPES_Cutting and rebevelling for dents in bevels exceeding 3 mm in depth for pipe sizes: 6" NB	Each	337
245	REPAIR OF DEFECT IN PIPES_Cutting and rebevelling for dents in bevels exceeding 3 mm in depth for pipe sizes: 4" NB	Each	226
246	REPAIR OF DEFECT IN PIPES_Cutting and rebevelling for dents in bevels exceeding 3 mm in depth for pipe sizes: 2" NB	Each	112
247	REPAIR OF DEFECT IN PIPES_Jack out of dents in bevels ranging between 1 mm and 3 mm in depth for pipe sizes: 12" NB	Each	255
248	REPAIR OF DEFECT IN PIPES_Jack out of dents in bevels ranging between 1 mm and 3 mm in depth for pipe sizes: 8" NB	Each	213
249	REPAIR OF DEFECT IN PIPES_Jack out of dents in bevels ranging between 1 mm and 3 mm in depth for pipe sizes: 6" NB	Each	169
250	REPAIR OF DEFECT IN PIPES_Jack out of dents in bevels ranging between 1 mm and 3 mm in depth for pipe sizes: 4" NB	Each	112
251	REPAIR OF DEFECT IN PIPES_Jack out of dents in bevels ranging between 1 mm and 3 mm in depth for pipe sizes: 2" NB	Each	57
252	STRUCTURAL WORKS_Supply of all materials, fabrication and erection of chain link fencing 2.5 m high with mesh up to 2 m height and barbed wire fencing complete in all respect including painting as per TS on all MS items, all works as per specification and drawings excluding foundations and RCC beams	Meter	3509

Schedule A : Fixed Rates for Associated items for Supply & Services

Project Length - Up to 5000 meter

E-Tender 581009

Sr. No.	Item/ Services Description	Unit of Measurement	Fixed Basic Unit Rate (Rs.)
253	Pipe Supports, Valve supports & Other Structures_Supply fabrication and erection of all types of pipe supports like clamps, saddle, guide, stops, cradles, Neoprene sheet, turn buckles, anchors, T posts, stockade/trestle and pipe bridge for overhead piping, frames for canopy, approach ladders and platforms, crossover, cable tray supports etc, including painting suitable for highly corrosive area as per specification labour and supervision & complete work as per drawing, specifications and instructions of Engineer-in-charge (bolts, nuts, washers, u-clamps etc for supporting shall be supplied by the Contractor within the rates quoted. These items will not be measured and paid separately) The work is to be completed in all respect as per scope of work and specification.	Metric Ton	107205
254	CIVIL WORKS_Site Grading_Earth excavation and filling to the grades and levels shown in the approved drawings in all kinds of conditions including for Road embankments, using approved quality good earth from designated borrow area, for all heights and depths including clearing and stripping (Min. 150 mm) of the area marked for filling, taking spot levels, consolidating the exposed natural soil surface, excavating the earth from borrow area loading, transporting & unloading, spreading in layers not exceeding 150 mm thickness, breaking clods, watering (if reqd.), ramming and compacting by manual/mechanical means to give minimum 95% of modified Proctor's density of earth, testing & dressing including disposal of all unserviceable material all complete as per specifications and directions of Engineer-in-Charge (Rate to include cost of labour, tools, tackles, equipment, hire charges, cost of borrow earth by way of realities, right of way, cess etc., as applicable with all bye works and sundry works).	Square Meter	54
255	Earthwork in excavation foundation of walls, column etc. in all kinds of soil, hard murrum, soft, rock hard by pneumatic drilling etc. stacking the excavated earth at least 3m away from the edge of foundation trenches and disposal of surplus soil up to a lead of 50M either way. qty. for excavation shall be passed on the_Earth work and excavation above from 0.00M to 1.5 M depth	Cubic Meter	162
256	Earthwork in excavation foundation of walls, column etc. in all kinds of soil, hard murrum, soft, rock hard by pneumatic drilling etc. stacking the excavated earth at least 3m away from the edge of foundation trenches and disposal of surplus soil up to a lead of 50M either way. qty. for excavation shall be passed on the_Earth work and excavation above from 1.5M to 3.0 M depth	Cubic Meter	243
257	Earthwork in excavation foundation of walls, column etc. in all kinds of soil, hard murrum, soft, rock hard by pneumatic drilling etc. stacking the excavated earth at least 3m away from the edge of foundation trenches and disposal of surplus soil up to a lead of 50M either way. qty. for excavation shall be passed on the_Earth work and excavation above from 3.0 M to 5.0 M depth	Cubic Meter	303
258	Filling in foundation and plinth, underfloors, site filling etc. with good quality sand, obtained from outside, including watering, raming well and watering etc. complete the same in layers not exceeding 200mm and compacting the layers to give atleast 95% of maxm dry density	Cubic Meter	1147
259	Filling with available good soil from excavated earth (excluding rock), in sides of foundations, in layers not exceeding 200 mm in depth, including consolidating each deposited layer by remaining well and watering etc. complete atleast 95% of maxm dry density as per IS:2720 as directed.	Cubic Meter	67
260	Providing and laying 150 mm thick cut size stones filling gaps filled with murrum and compaction without road roller	Square Meter	209
261	Providing and laying 230 mm thick layer of rubble soling, stone size 100 to 150 mm with sand filling in voids correcting the grade and slope. Compacted with road roller, watering	Cubic Meter	2075
262	Disposing of the surplus excavated earth and/or debris etc. including loading at site, transporting & disposal, unloading. As per the instructions of the client or consultant	Cubic Meter	210
263	Site cleaning work-dispose with debris and malba etc. complete with cutting of grass and disposing it	Square Meter	41
264	Providing dry rubble stone pitching in size of 230 mm to 300 mm for embankments etc; in mortar C.M. (1:6) (1 cement, 6 sand) including supply of stone spalls for filling and wedging, hand packing in close joints with smaller chips and finish of line and slope etc; complete all as per specifications	Cubic Meter	2249
265	Providing and laying 150mm thick W.B.M. in two layers with 25-40 mm metal with murrum filling in voids. Correcting the grade and chamber complete with rolling with 10 tonn roller watering including preparing the surfaces by brushing for removing all loose or dirt etc. complete.	Cubic Meter	1405

Schedule A : Fixed Rates for Associated items for Supply & Services

Project Length - Up to 5000 meter

E-Tender 581009

Sr. No.	Item/ Services Description	Unit of Measurement	Fixed Basic Unit Rate (Rs.)
266	providing and laying quarry waste as per required depth on site, with manual compaction, watering and filling voids with murrum, complete the surface for smooth working on site. Depth of laying quarry waste as per approval by client or Engineer-in-charge	Cubic Meter	1349
267	Dewatering the water with mud etc. from foundations, excavation pits with self priming mud pump of minimum 1 H.P. capacity, complete the dewatering outside of our site.	Hour	112
268	CEMENT CONCRETE (PLAIN AND RCC)_Providing & laying plain cement concrete 1:4:8 (1 cement : 4 coarse sand: 8 black stones aggregate 40mm nominal size) for all depths and thickness including shuttering, ramming and tampering, water curing etc. complete.	Cubic Meter	4858
269	CEMENT CONCRETE (PLAIN AND RCC)_Providin & laying plain cement concrete 1:3:6 (1 cement: 3 coarse sand: 6 black stones aggregate 40mm nominal size) for all depths and thickness including shuttering, ramming and tampering, water curing etc. complete.	Cubic Meter	4802
270	CEMENT CONCRETE (PLAIN AND RCC)_Providing and laying M-20 grade cement concrete 1:1.5:3 (1 cement: 1.5 coarse sand: 3 graded stone aggreaqe 20 mm nominal size) including providing openings, recesses, chamfering, tamping, water curing and rendering if required to give a smooth and even surface etc. all complete. Excluding cost of form work and reinforceemtn for reinforced concrete work, for all floors, at all heights, in any position, for all structures and mass concrete. All levels and size are as per drawing.	Cubic Meter	6505
271	CEMENT CONCRETE (PLAIN AND RCC)_Providing and laying 130 mm thick vacuume Dewatered, surface vibrated and finished with trimix machine with controlled grade i.e. M-20 R.C.C. grid floor slab Rockite or equivalent metallic floor hardener @ 4.5 kg/sq.m, formation of construction joints 25MM th@3M c/c by cutting up to 1/4th thickness of concrete slab with mechanised screw and filling the same with semi rigid exopy based bitumen sealant or as per detail drawing or as per instructions of enigneer incharge. inluding preparation of base, curing finishing etc, complete.	Square Meter	1566
272	Providing and fixing M-35 grade concrete precast trench cover-consisitng point load (300mm dia) capacity of 20 tonn with angle30x30x3mm edging on top as per detailed drawing and specifications.Size of FRC covers_780x300 mm FRC covers (Electric trench)	Each	2474
273	Providing and fixing M-35 grade concrete precast trench cover-consisitng point load (300mm dia) capacity of 20 tonn with angle30x30x3mm edging on top as per detailed drawing and specifications.Size of FRC covers_680x300 mm FRC covers (Gas trench)	Each	2024
274	Providing and laying controlled cement concrete M-25 and curing complete excluding the cost of form work and reinforcement for reinforced concrete work.	Cubic Meter	5205
275	CENTRING & FORM WORK_Providing form work of ordinary timber planking, shutteirng plywood or steel plates so as to give smooth finish, including centering, shuttering, strutting, proping, nalls, binding wire etc. comp. and removal of same for in-situ reinforced concrete and plain concrete work, below plinth level for foundation, footing, tiebeams/plints beams, columns copings cable trenches, canopy foundaiton, slabs floor slabs/compressor foundatons etc. complete in and as directed by Engineer-in-charge.	Square Meter	398
276	CENTRING & FORM WORK_Providing form work of ordinary timber planking, shutteirng plywood or steel plates so as to give smooth finish, including centering, shuttering, strutting, proping, nalls, binding wire etc. comp. and removal of same for in-situ reinforced, concrete and plain concrete work, for superstructure works column, suspended floors, roofs, landings balconies access platform, lintals, beams, girders bressumers cantilevers, staires, parapets walls etc. complete	Square Meter	433
277	CENTRING & FORM WORK_Providing pockets for foundation blots as per drawings, specifications & directions including providing and removing of necessary formwork made of plywood and timber etc. complete.	Each	295

Schedule A : Fixed Rates for Associated items for Supply & Services

Project Length - Up to 5000 meter

E-Tender 581009

Sr. No.	Item/ Services Description	Unit of Measurement	Fixed Basic Unit Rate (Rs.)
278	Providing and fabricating in position FE-415 TMT reinforcement (conforming to IS:1786) for RCC work including transporting the steel to site of work, straightening, cleaning cutting, bending to required shapes and lengths as per details, binding with contractor's own M.S. 18 guage black soft annealed binding wire at every intersection, supplying and placing with proper cover blocks, welding, etc. for all heights and depths etc. all complete as per specifications and directions of owner/owner's representative. (supports, chairs and laps are included in the measureable BOQ quantity) Reinforcement steel shall be of Tata, SAIL, Vizag or approved by consultant. Quantity of reinforcement steel used will be arrived at based on difference in weight of incoming and outgoing materials.	Metric Ton	86088
279	STEEL WORK_Providing and fabricating, erecting M.S hollow tubular section of various sizes in dispenser crash guard etc. complete as per drawing. Including providing and applying two coats of synthetic enamel paint with 50 micron DFT for each coat of approved make and shade over steel structure including one coat of 50 micron DFT of Zinc chromate primer	Kg	112
280	STEEL WORK_Providing, fabricating, straightening, cutting, welding, bending to shape, bolting, and erecting M.S. sections of various sizes in railing, fencing, ladder, steel staircase, clamps brackets, and all miscellaneous steel works as detailed and as directed at all levels using MS angles, pipes, flats, plates, sheets, tee, bolts etc. (confirming to IS 2062). Including providing and applying one coat of 50 micron Dft of zinc chroamate primer and two coats of sythentic enamel paint with 50 micron DFT for each coate of approved make and shadeover steel structures. Sections must be TATA or Asian make hollow section. Hare wires like hingers, locking arrangement, wleding to insert plate, embedding in wall/concrete and finished the surface neat after grouting are included in items.	Kg	101
281	STEEL WORK_Providing, fabricating, erecting & fixing up in position CANOPY structures and all other sturcure like beams, channels, tees, plates, rounds including hard wares like hinges, locking arrangement etc of various sizes and other structural steel sections conforming to IS 2062 including straightening, cutting, fabricating, welding bending to shape, bolting, fixing in position, welding to insert plate, embedding in wall/concrete and finished the surface neat after grouting. Rate shall include for painting with two coats 50 micron DFT for each coat of sythentic enamel paint over a coat of 50 micron DFT for Zinc chromate primer etc. complete, as directed.	Kg	101
282	STEEL WORK_Supplying, installing and fixing Anchor Bolts with nuts in concrete foundation providing, auxiliary dummy structures, if any, necessary tying and welding to reinforcement adjustment of shuttering, greasing exposed metal surfaces and covering with jute cloths etc. complete as per drawing and spefications and directions (Weight of bolt and nuts shall be measured for payment)	Kg	124
283	Providing anf fixing chequered plate in approved panel or over steel structures including curring, welding, hoisting, fixing in position and applying two or more coats of approved quality synthetic enamel over a priming coat of steel primer complete as per drawing and specifications_8 mm th.	Kg	101
284	Providing anf fixing chequered plate in approved panel or over steel structures including curring, welding, hoisting, fixing in position and applying two or more coats of approved quality synthetic enamel over a priming coat of steel primer complete as per drawing and specifications_10 mm th.	Kg	107
285	Brick work using common brunt clay conventional building bricks, having crushing strength not less than 35 kg/sq. cm, below plinth level for any structures at any depth in CM (1:6) including water curing, scaffolding etc. complete, as per drawing, details and as directed	Cubic Meter	5360
286	Brick work using common brunt clay conventional building bricks, having crushing strength not less than 35 kg/sq. cm above plinth level for any structures at any height in C.M. (1:6) including water curing, scaffolding etc. complete, as per drawing, details and as directed.	Cubic Meter	5662
287	Providing and fixing half masonry brick work using common brunt clay conventional building bricks having crushing strength not less than 35 kg/sq.cm, below plinth level for any structures at any depth in C.M. (1:4) including water curing scaffolding etc complete, as per drawing, details and as directed.	Square Meter	809

Schedule A : Fixed Rates for Associated items for Supply & Services

Project Length - Up to 5000 meter

E-Tender 581009

Sr. No.	Item/ Services Description	Unit of Measurement	Fixed Basic Unit Rate (Rs.)
288	Providing and fixing half masonry Brick work using common brunt clay conventional building bricks having crushing strength not less than 35 kg/sq.cm, super structure structures at any level in C.M. (1:4) including water curing, scaffolding etc. complete, as per drawing, details and as directed.	Square Meter	832
289	PLASTERING AND WALL FINISHING_10 mm thick cement plaster in CM (1:4) with waterproofing chemicals and water proofing treatments, complete with rough finish, curing etc rates shall including of materials and labour tools etc.	Square Meter	202
290	FLOORING_Laying as per pattern 75-80 mm thick rubber molded paver blocks in forecourt area or as per located in drawing (approved by client/consultant) having compressive strength 400 kg/sqcm laid over bed of 50 mm river sand and joints to be filled with river sand and compaction of mechanical compactor	Square Meter	765
291	FLOORING_Kerb stones blocks/cast in situ blocks/buffer walls providing and fixing kerb stone of approved make (kerb stone blocks or cast in situ blocks shall have recess and reflective material fixed in it) at or near ground level as per approved pattern and setting in position with cement mortar 1:3 (1 cement: 3 coarse sand) including the cost of required centering shuttering and finishing smooth with 6 mm thick cement plaster 1:3 (1 cement: 3 fine sand) on exposed surface over 75 mm thick PCC 1:4:8 (1 cement:4 coarse sand: 8 stone aggregate 40 mm) complete in all respects as per scope of work, detailed rate to include all material, labour, tool, tackles, shuttering, transportation, water charges, earth work if any, PCC etc. complete	RM	590
292	Constructing manhole with r.c.c. top slab in (1:2:4) mix with foundation concrete (1:4:8) finished with a floating coat of neat cement (1:2:4) mix finished smooth complete including curing & testing inside size 900 mmx1200 mmx1500 mm deep including FRC manhole cover of HD-20 capacity with frame	Each	14616
293	PAINTING_Painting (3 or more coats) with synthetic enamel paint of "Asian/Berger/Nerolac" or equivalent approved make including application of primer and surface preparation. Shade to be approved by site engineer/architect	Square Meter	141
294	Providing and fixing fencing gate shall include fabrication & supply of fencing with one coat zinc chromite primer and two coat 50 micron colour as per specifications and colour shade approved by consultant or client, complete as per specification and drawing. Rate shall include cost of labour, tools, talker, equipments, material etc. Note: Only M.S. items paid in chain link fencing work, civil items paid in civil work items separately.	Each	17876
295	Providing and fixing Y-shaped barbed wire fencing with 9-Nos strings of 12 SWG double strand barbed wire conforming to IS 278 (A1 Designation) with 4 point barbs set at 75 mm apart supported over brick masonry by angle iron frames grouted @ 3.0 M C/C (max) in boundary wall posts and provided with 610 dia concertina coils of barbed wire having 15 -Nos rounds per 6.0 M length including supply of GI staples and clips.and cost of angle frame (supply / installation / painting with enamel paint over primer); all complete;	RM	2093
296	Providing and fixing submersible pump of cropmton and greeves of 25 cum/hr 5m head 2900 rpm and 1 H.P Motor as per specifications and instruction of EIC	Each	32019
297	Providing and laying 150 mm thick P.C.C. (1:4:8) in approach including compacting, ramming, curing, shuttering etc. complete with preparation of base coat by spreading and leveling	Square Meter	630
298	Electric Chamber_Consulting electric channel with RCC top slab in (1:2:4) mix with foundation concrete (1:4:8) finished with a floating coat of neat cement finished, smooth complete including curing & testing inside size 600 mm*600mm & 300 mm deep incl 12 mm thick M.S. plate cover with one coat zinc chromite primer and two coat 50 micron colour as per specifications and colour shade approved by consultant or client. Complete as per detailed drawing	Each	4529
299	RCC pipe providing supplying of 900 mm dia CLASS-IRS-NP4 1SI standard. RCC pipe in standard length of following class and diameter. Suitable for either colour joints for RCC ring joints including transportation, freight charges, loading, unloading charges etc completed (IS-308/1989) Rates are including collar joints and necessary fittings.	RM	4329

Schedule A : Fixed Rates for Associated items for Supply & Services

Project Length - Up to 5000 meter

E-Tender 581009

Sr. No.	Item/ Services Description	Unit of Measurement	Fixed Basic Unit Rate (Rs.)
300	RCC pipe providing supplying of 600 mm dia CLASS-IRS-NP4 ISI standard. RCC pipe in standard length of following class and diameter. Suitable for either colour joints for RCC rig joints including transportation, freight charges, loading, unloading charges charges etc completed (IS-308/1989) Rates are including collar joints and necessary fittings.	RM	2474
301	RCC pipe providing supplying of 300 mm ida. CLASS IRS-NP4 ISI Standard. RCC pipe in standard length of following class and diameter. Suitable for either colour joints for RCC rig joints including transportation, freight charges, loading, unloading charges charges etc completed (IS-308/1989) Rates are including collar joints and necessary fittings.	RM	1460
302	Providing and Installing_ 4.5 Kg Co2 Extinguishers	Each	5845
303	Providing and Installing_ 10 Kg DCP Extinguishers	Each	3373
304	Providing and Installing_ 75 Kg DCP Extinguishers	Each	20250
305	Sand Buckets	Each	1125
306	Demolition of Brick/stone masonry/ flexible pavements/WBM etc. including supply of all tools tackles, labour, cutters, necessary scaffolding, propping etc including removing the debris and disposal of unserviceable material to any lead and stacking of serviceable materials, handing over serviceable material if required as per technical specifications and direction of Engineer-in-Charge.	Cubic Meter	1807
307	Demolishing existing RCC works (taking all necessary precautions) for all depths below and all height above plinth level including supply of all tools and tackles, labour, cutters, necessary scaffolding, propping etc. including disposal of unserviceable material to any lead, stacking of steel and other serviceable materials as per technical specifications and direction of Engineer-in-Charge.	Cubic Meter	4050
308	ELECTRICAL_Supply, installation, testing and commissioning of UPS distribution board having: Incomer - 1 No. 50A DP MCB ; Outgoing- 11 nos. 10A DP MCB as per attached SLD, Technical specification	Each	41037
309	ELECTRICAL_Supply, laying, testing & termination of PVC insulated PVC sheathed, armoured, FRLS outer sheath, stranded Copper / Al conductor cables in surface trench/ on wall/ structural surface/ in GI pipes/ conduits as per technical specification, site requirements_2 C 16 sq mm Cu	Meter	354
310	ELECTRICAL_Supply, laying, testing & termination of PVC insulated PVC sheathed, armoured, FRLS outer sheath, stranded Copper / Al conductor cables in surface trench/ on wall/ structural surface/ in GI pipes/ conduits as per technical specification, site requirements_4 C 6 sq mm Cu	Meter	506
311	ELECTRICAL_Supply, laying, testing & termination of PVC insulated PVC sheathed, armoured, FRLS outer sheath, stranded Copper / Al conductor cables in surface trench/ on wall/ structural surface/ in GI pipes/ conduits as per technical specification, site requirements_3 C 6 sq mm Cu	Meter	511
312	ELECTRICAL_Supply, laying, testing & termination of PVC insulated PVC sheathed, armoured, FRLS outer sheath, stranded Copper / Al conductor cables in surface trench/ on wall/ structural surface/ in GI pipes/ conduits as per technical specification, site requirements_3 C 2.5 sq mm Cu	Meter	280
313	Supply, installation & commissioning of 125 HPMV flameproof weatherproof well glass fixtures suitable for zone II, gas group IIA & IIB. Complete with integral control gearbox with all accessories and lamp	Each	16865
314	Supply, installation & commissioning of flameproof 2x36W CFL surface mounting fixtures CGL Cat No. EXTN 236/Equiv.	Each	8095
315	Supply, installation & commissioning of 150 W HPSV street light fixtures- (CGL Cat. No. SSGN 1215H) /Equiv.	Each	7083
316	Supply & installation of 9 mts overall length lighting poles as per IS : 2713 complete with FLP junction box having terminal, bracket, base plate 2 Nos 40 mm dia pipes each 1500, junction box shall be suitable for 4 C 6 sq mm Cu cable.	Each	32687
317	Supply, installation & testing of galvanised iron earth electrodes with 3 Mts long 65 mm dia GI perforated pipe Class B. Complete with GI earth bus, test link in RCC/ brick earth pit, charoal, salt, funnel & earth pit cover as per IS: 3043, (as per drg. Enclosed)	Each	7839
318	Supply, installation & testing of copper plate earth electrode of size 600 x 600 x 3 mm complete with copper bus. link in RCC/Brick earth pit charcoal, salt , funnel and earth pit cover as per IS: 3043 (as per enclosed drawing).	Each	4189

Schedule A : Fixed Rates for Associated items for Supply & Services

Project Length - Up to 5000 meter

E-Tender 581009

Sr. No.	Item/ Services Description	Unit of Measurement	Fixed Basic Unit Rate (Rs.)
319	Supply & installation of GI earthing conductor of the following sizes: Above Ground/Buried Under Ground_50x6 mm GI strip	Meter	478
320	Supply & installation of GI earthing conductor of the following sizes: Above Ground/Buried Under Ground_25x6 mm GI strip	Meter	293
321	Supply & installation of GI earthing conductor of the following sizes: Above Ground/Buried Under Ground_25 x 6 mm Copper strip	Meter	179
322	Supply & Laying of GI pipe for conduit including GI bend, GI Socket, Threading etc. complete_50 mm Dia	Meter	506
323	Supply, erection, testing & commissioning of Lightning Arrestor finials with Cu tube 25mm dia 1.8m long having single point at the top with 85mm dia 3mm thick Cu base plate as per IS:2309. including supply of all hardware labour etc. complete as per approved drawings, specifications and directions of Engineer-In-Charge.	Each	16817
324	Sand padding	Meter	315
325	Hard Barricadding	Meter	405
326	Ball Valve-1 1/2"-800# -SW (BODY: ASTM A 105-Charpy at 0 Deg C)	Each	10217
327	Ball Valve-1"-800# -SW (BODY:ASTM A 105-Charpy at 0 Deg C)	Each	4959
328	Ball Valve-3/4"-800# -SW (BODY:ASTM A 105-Charpy at 0 Deg C)	Each	4034
329	Ball Valve-1/2"-800# -SW (BODY:ASTM A 105-Charpy at 0 Deg C)	Each	3306
330	Ball Valve-1 1/2"-800# -Threaded (BODY:ASTM A 105-Charpy at 0 Deg C)	Each	9975
331	Ball Valve-1"-800# -Threaded (BODY:ASTM A 105-Charpy at 0 Deg C)	Each	4684
332	Ball Valve-1/2"-800# -Threaded (BODY:ASTM A 105-Charpy at 0 Deg C)	Each	3086
333	Ball Valve-1 1/2"-800# -Flanged (BODY:ASTM A 350 Gr. LF2)	Each	21877
334	Ball Valve-1"-800# -Flanged (BODY:ASTM A 350 Gr. LF2)	Each	11731
335	Ball Valve-3/4"-800# -Flanged (BODY:ASTM A 350 Gr. LF2)	Each	10780
336	Ball Valve-1"-800# -SW (BODY:ASTM A 350 Gr. LF2), With Nipple	Each	4975
337	Ball Valve-1/2"-800# -SW (BODY:ASTM A 350 Gr. LF2), With Nipple	Each	1795
338	Ball Valve-1/2"-800# -Threaded (BODY:ASTM A 350 Gr. LF2)	Each	3491
339	Ball Valve-1 1/2"-600# -Flanged (BODY:ASTM A 350 Gr. LF2)	Each	28535
340	Ball Valve-1"-600# -Flanged (BODY:ASTM A 350 Gr. LF2)	Each	17121
341	Ball Valve-3/4"-600# -Flanged (BODY:ASTM A 350 Gr. LF2)	Each	15536
342	1"X800#, OST & OSW with Nipple, BV, ASTM A 350 Gr. LF2	Each	10200
343	1" X 6" Long BSP Pipe Nipple, ASTM A 333 Gr. 6, Sch 80	Each	1710
344	1" X 6" Long BST Pipe Nipple, ASTM A 333 Gr. 6, Sch 80	Each	1620
345	1/2" X 6" Long BSP Pipe Nipple, ASTM A 333 Gr. 6, Sch 80	Each	1620
346	1/2" X 6" Long BST Pipe Nipple, ASTM A 333 Gr. 6, Sch 80	Each	1620
347	1" X 3000# NPT Coupling, ASTM A 350 Gr. LF2	Each	155
348	1" X 3000# S/W Full Coupling, ASTM A 105-Charpy at 0 Deg C	Each	85
349	1" X 1/2" 3000# NPT Reducing Coupling, ASTM A 105-Charpy at 0 Deg C	Each	85
350	1/2" X 3000# S/W Full Coupling, ASTM A 105-Charpy at 0 Deg C	Each	50
351	Hex Plug, 1" X 3000#, ASTM A 105-Charpy at 0 Deg C	Each	80
352	Hex Plug, 1/2" X 3000#, NPT, ASTM A 105-Charpy at 0 Deg C	Each	60
353	Hex Plug, 1/2" X 3000#, BST, ASTM A 350 Gr. LF2	Each	60
354	Hex Nipple, 1/2" X 3000#, BST, ASTM A 350 Gr. LF2	Each	125
355	Hex Nipple, 3/4" X 1/2", 3000#, ASTM A 105-Charpy at 0 Deg C	Each	155