

### Annexure to tender terms and conditions- Annexure-II

Applicable TDC, PQR and NTPC approval condition are noted against each line item.

SA335P91 Pipes are required as Type 1

SL No	Description	QTY (M)	WT (MT)	Applicable TDC	Applicable PQR	NTPC Approval
1	PIPE 406.40 X 70.00 - 4100 - SA106GRC	32.8	19.046	TDC:0101:Rev.20	MM:Pur:Pipe:FB:Rev 01	Applicable
2	PIPE 558.80 X 76.20 - 5000 - SA106GRC	110	99.752	TDC:0101:Rev.20	MM:Pur:Pipe:FB:Rev 01	Applicable
3	PIPE 660.00 X 90.00 - 5000 - SA106GRC	10	12.65	TDC:0101:Rev.20	MM:Pur:Pipe:FB:Rev 01	Applicable
4	PIPE 660.00 X 90.00 - 5500 - SA106GRC	11	13.916	TDC:0101:Rev.20	MM:Pur:Pipe:FB:Rev 01	Applicable
9	PIPE OD 273X65X5000-SA106GRC	120	40.008	TDC:0101:Rev.20	MM:Pur:Pipe:FB:Rev 01	Applicable
10	PIPE OD 273X65X5500-SA106GRC	44	14.672	TDC:0101:Rev.20	MM:Pur:Pipe:FB:Rev 01	Applicable
11	PIPE OD 323.90 x 45.00 x 5100 SA106GRC	173.4	53.668	TDC:0101:Rev.20	MM:Pur:Pipe:FB:Rev 01	Applicable
12	PIPE OD 406.4 X 70 X 5000 - SA106GRC	20	11.612	TDC:0101:Rev.20	MM:Pur:Pipe:FB:Rev 01	Applicable
13	PIPE OD 406.4 X 70 X 6000 - SA106GRC	72	41.808	TDC:0101:Rev.20	MM:Pur:Pipe:FB:Rev 01	Applicable
14	PIPE OD 457.2 x 65 x 5000 SA106GRC	390	245.176	TDC:0101:Rev.20	MM:Pur:Pipe:FB:Rev 01	Applicable
15	PIPE OD 457.2 x 65 x 6000 - SA106GRC	384	241.406	TDC:0101:Rev.20	MM:Pur:Pipe:FB:Rev 01	Applicable
16	PIPE OD 457.2 x 65 x 6500 - SA106GRC	26	16.346	TDC:0101:Rev.20	MM:Pur:Pipe:FB:Rev 01	Applicable
17	PIPE OD 508 X 90 X 5600 - SA106GRC	33.6	31.17	TDC:0101:Rev.20	MM:Pur:Pipe:FB:Rev 01	Applicable
18	PIPE OD 508 X 90 X 6000 - SA106GRC	12	11.132	TDC:0101:Rev.20	MM:Pur:Pipe:FB:Rev 01	Applicable
19	PIPE OD 558.8X76.2X 6000-SA106GRC(5%)	36	32.646	TDC:0101:Rev.20	MM:Pur:Pipe:FB:Rev 01	Applicable
20	PIPE OD 558.8X76.2X 6500-SA106GRC(5%)	52	47.156	TDC:0101:Rev.20	MM:Pur:Pipe:FB:Rev 01	Applicable
21	PIPE OD-457X60X6200-SA106GRC	74.4	43.702	TDC:0101:Rev.20	MM:Pur:Pipe:FB:Rev 01	Applicable
22	PIPE OD-457X60X6500-SA106GRC	26	15.272	TDC:0101:Rev.20	MM:Pur:Pipe:FB:Rev 01	Applicable
23	PIPE OD-508X85X5750-SA106GRC	46	40.786	TDC:0101:Rev.20	MM:Pur:Pipe:FB:Rev 01	Applicable
24	PIPE 219.10 X 40.00 - 4500 - SA335P12	18	3.18	TDC:0101:Rev.20	MM:Pur:Pipe:FB:Rev 01	Applicable
25	PIPE 219.10 X 40.00 - 5000 - SA335P12	180	31.8	TDC:0101:Rev.20	MM:Pur:Pipe:FB:Rev 01	Applicable

26	PIPE 219.10 X 40.00 - 5500 - SA335P12	66	11.66	TDC:0101:Rev.20	MM:Pur:Pipe:FB:Rev 01	Applicable
27	PIPE 219.10 X 40.00 - 6500 - SA335P12	130	22.966	TDC:0101:Rev.20	MM:Pur:Pipe:FB:Rev 01	Applicable
28	PIPE 219.10 X 40.00 - 7000 - SA335P12	322	56.884	TDC:0101:Rev.20	MM:Pur:Pipe:FB:Rev 01	Applicable
29	PIPE 219.10 X 40.00 - 7200 - SA335P12	100.8	17.808	TDC:0101:Rev.20	MM:Pur:Pipe:FB:Rev 01	Applicable
30	PIPE 219.10 X 45.00 - 5000 - SA335P12	40	7.728	TDC:0101:Rev.20	MM:Pur:Pipe:FB:Rev 01	Applicable
31	PIPE 219.10 X 45.00 - 5500 - SA335P12	22	4.25	TDC:0101:Rev.20	MM:Pur:Pipe:FB:Rev 01	Applicable
32	PIPE 273.00 X 50.00 - 5300 - SA335P12	106	29.144	TDC:0101:Rev.20	MM:Pur:Pipe:FB:Rev 01	Applicable
33	PIPE 273.00 X 50.00 - 6500 - SA335P12	13	3.574	TDC:0101:Rev.20	MM:Pur:Pipe:FB:Rev 01	Applicable
34	PIPE 323.90 X 55.00 - 6200 - SA335P12	24.8	9.044	TDC:0101:Rev.20	MM:Pur:Pipe:FB:Rev 01	Applicable
35	PIPE 323.90 X 55.00 - 7900 - SA335P12	126.4	46.098	TDC:0101:Rev.20	MM:Pur:Pipe:FB:Rev 01	Applicable
36	PIPE 323.90 X 80.00 - 6000 - SA335P12	24	11.548	TDC:0101:Rev.20	MM:Pur:Pipe:FB:Rev 01	Applicable
37	PIPE 355.60 X 70.00 - 5700 - SA335P12	68.4	33.72	TDC:0101:Rev.20	MM:Pur:Pipe:FB:Rev 01	Applicable
38	PIPE 355.60 X 76.20 - 4500 - SA335P12	9	4.72	TDC:0101:Rev.20	MM:Pur:Pipe:FB:Rev 01	Applicable
39	PIPE 406.40 X 80.00 - 4500 - SA335P12	18	11.59	TDC:0101:Rev.20	MM:Pur:Pipe:FB:Rev 01	Applicable
40	PIPE 406.40 X 80.00 - 5000 - SA335P12	20	12.878	TDC:0101:Rev.20	MM:Pur:Pipe:FB:Rev 01	Applicable
41	PIPE 406.40 X 85.00 - 4000 - SA335P12	64	43.114	TDC:0101:Rev.20	MM:Pur:Pipe:FB:Rev 01	Applicable
42	PIPE 406.40 X 85.00 - 6000 - SA335P12	24	16.168	TDC:0101:Rev.20	MM:Pur:Pipe:FB:Rev 01	Applicable
43	PIPE 457.00 X 75.00 - 4000 - SA335P12	32	22.608	TDC:0101:Rev.20	MM:Pur:Pipe:FB:Rev 01	Applicable
44	PIPE 457.00 X 75.00 - 5500 - SA335P12	22	15.544	TDC:0101:Rev.20	MM:Pur:Pipe:FB:Rev 01	Applicable
45	PIPE 457.00 X 75.00 - 6000 - SA335P12	24	16.956	TDC:0101:Rev.20	MM:Pur:Pipe:FB:Rev 01	Applicable
46	PIPE OD 168.3 X 47.6 X 4500 SA335P12	180	25.502	TDC:0101:Rev.20	MM:Pur:Pipe:FB:Rev 01	Applicable
47	PIPE OD 323.9 X 60 X 4700 - SA335P12	37.6	14.682	TDC:0101:Rev.20	MM:Pur:Pipe:FB:Rev 01	Applicable
48	PIPE OD 323.9 X 60 X 5000 - SA335P12	20	7.81	TDC:0101:Rev.20	MM:Pur:Pipe:FB:Rev 01	Applicable
49	PIPE OD 323.9 X 60 X 5500 - SA335P12	22	8.59	TDC:0101:Rev.20	MM:Pur:Pipe:FB:Rev 01	Applicable
50	PIPE OD 323.9 X 60 X 6000 - SA335P12	48	18.742	TDC:0101:Rev.20	MM:Pur:Pipe:FB:Rev 01	Applicable
51	PIPE OD 323.9 X 60 X 6400 - SA335P12	12.8	4.998	TDC:0101:Rev.20	MM:Pur:Pipe:FB:Rev 01	Applicable
52	PIPE OD 355.6 X 70 X 4700 - SA335P12	56.4	27.804	TDC:0101:Rev.20	MM:Pur:Pipe:FB:Rev 01	Applicable

53	PIPE OD 355.6 X 70 X 5000 - SA335P12	40	19.72	TDC:0101:Rev.20	MM:Pur:Pipe:FB:Rev 01	Applicable
54	PIPE OD 355.6 x 76.2 x 5000 - SA335P12	60	31.472	TDC:0101:Rev.20	MM:Pur:Pipe:FB:Rev 01	Applicable
55	PIPE OD 355.6 x 76.2 x 5500 - SA335P12	66	34.618	TDC:0101:Rev.20	MM:Pur:Pipe:FB:Rev 01	Applicable
56	PIPE OD 355.6 x 76.2 x 6000 - SA335P12	24	12.588	TDC:0101:Rev.20	MM:Pur:Pipe:FB:Rev 01	Applicable
57	PIPE OD 406.4 X 90 X 6000 - SA335P12	24	16.854	TDC:0101:Rev.20	MM:Pur:Pipe:FB:Rev 01	Applicable
58	PIPE OD 406.4X90X5500-SA335P12	44	30.898	TDC:0101:Rev.20	MM:Pur:Pipe:FB:Rev 01	Applicable
59	PIPE OD 508X32X6000-SA335P12	48	18.03	TDC:0101:Rev.20	MM:Pur:Pipe:FB:Rev 01	Applicable
62	PIPE OD-219.1X40X6000-SA335P12	60	10.6	TDC:0101:Rev.20	MM:Pur:Pipe:FB:Rev 01	Applicable
63	PIPE OD-219.1X45X4200-SA335P12	33.6	6.492	TDC:0101:Rev.20	MM:Pur:Pipe:FB:Rev 01	Applicable
64	PIPE OD-219.1X45X7000-SA335P12	84	16.228	TDC:0101:Rev.20	MM:Pur:Pipe:FB:Rev 01	Applicable
65	PIPE OD-273X50X6000-SA335P12	24	6.598	TDC:0101:Rev.20	MM:Pur:Pipe:FB:Rev 01	Applicable
66	PIPE OD-323.9X80X5000-SA335P12	10	4.812	TDC:0101:Rev.20	MM:Pur:Pipe:FB:Rev 01	Applicable
67	PIPE OD-355.6 X 60 X 5000-SA335P12	20	8.748	TDC:0101:Rev.20	MM:Pur:Pipe:FB:Rev 01	Applicable
68	PIPE OD-355.6 X 60 X 6000-SA335P12	12	5.248	TDC:0101:Rev.20	MM:Pur:Pipe:FB:Rev 01	Applicable
69	PIPE OD-406.4X85X5000-SA335P12	40	26.948	TDC:0101:Rev.20	MM:Pur:Pipe:FB:Rev 01	Applicable
70	PIPE OD-457X75X4500-SA335P12	18	12.716	TDC:0101:Rev.20	MM:Pur:Pipe:FB:Rev 01	Applicable
71	PIPE DIA 323.9 X 60 X 3000 - SA335P22	6	2.342	TDC:0101:Rev.20	MM:Pur:Pipe:FB:Rev 01	Applicable
72	PIPE 406.40 X 80.00 - 5200 - SA335P91	62.4	40.182	TDC:0101:Rev.20	MM:Pur:Pipe:FB:Rev 01	Applicable
73	PIPE 406.40 X 90.00 - 5500 - SA335P91	110	77.242	TDC:0101:Rev.20	MM:Pur:Pipe:FB:Rev 01	Applicable
74	PIPE 406.40 X 90.00 - 6800 - SA335P91	13.6	9.55	TDC:0101:Rev.20	MM:Pur:Pipe:FB:Rev 01	Applicable
75	PIPE 508.00 X 73.00 - 3500 - SA335P91	14	10.962	TDC:0101:Rev.20	MM:Pur:Pipe:FB:Rev 01	Applicable
76	PIPE 508.00 X 73.00 - 6200 - SA335P91	49.6	38.84	TDC:0101:Rev.20	MM:Pur:Pipe:FB:Rev 01	Applicable
77	PIPE 609.60 X 40.00 - 5650 - SA335P91	22.6	12.698	TDC:0101:Rev.20	MM:Pur:Pipe:FB:Rev 01	Applicable
78	PIPE 609.60 X 40.00 - 6800 - SA335P91	13.6	7.642	TDC:0101:Rev.20	MM:Pur:Pipe:FB:Rev 01	Applicable
79	PIPE 660.40 X 30.00 - 6500 - SA335P91	65	30.314	TDC:0101:Rev.20	MM:Pur:Pipe:FB:Rev 01	Applicable
80	PIPE 660.40 X 30.00 - 6600 - SA335P91	13.2	6.156	TDC:0101:Rev.20	MM:Pur:Pipe:FB:Rev 01	Applicable
81	PIPE 711.00 X 90.00 - 8500 - SA335P91	68	93.718	TDC:0101:Rev.20	MM:Pur:Pipe:FB:Rev 01	Applicable

82	PIPE DIA 219.1 X 25.0 X 6000 - SA335P91	6	0.718	TDC:0101:Rev.20	MM:Pur:Pipe:FB:Rev 01	Applicable
86	PIPE OD-355.6X60X5000-SA335P91	40	17.494	TDC:0101:Rev.20	MM:Pur:Pipe:FB:Rev 01	Applicable
87	PIPE OD-406.4 X 80 X 6000-SA335P91	24	15.454	TDC:0101:Rev.20	MM:Pur:Pipe:FB:Rev 01	Applicable
88	PIPE OD-406.4X70X5000-SA335P91	40	23.228	TDC:0101:Rev.20	MM:Pur:Pipe:FB:Rev 01	Applicable
89	PIPE OD-406.4X90X5000-SA335P91	20	14.044	TDC:0101:Rev.20	MM:Pur:Pipe:FB:Rev 01	Applicable
90	PIPE OD-508X65X6000-SA335P91	24	17.042	TDC:0101:Rev.20	MM:Pur:Pipe:FB:Rev 01	Applicable
91	PIPE OD-609.6X40X5000-SA335P91	10	5.618	TDC:0101:Rev.20	MM:Pur:Pipe:FB:Rev 01	Applicable
92	PIPE OD-610 X 80 X 4000-SA335P91	32	33.456	TDC:0101:Rev.20	MM:Pur:Pipe:FB:Rev 01	Applicable
93	PIPE OD-660.4X30X6000-SA335P91	84	39.176	TDC:0101:Rev.20	MM:Pur:Pipe:FB:Rev 01	Applicable
94	PIPE OD-711.2X55X5200-SA335P91	41.6	37.024	TDC:0101:Rev.20	MM:Pur:Pipe:FB:Rev 01	Applicable
97	PIPE 457.00 X 105.00 - 6000 - SA335P92	96	87.498	TDC:0101:Rev.20	MM:Pur:Pipe:FB:Rev 01	Applicable
98	PIPE 508.00 X 65.00 - 6500 - SA335P92	52	36.926	TDC:0101:Rev.20	MM:Pur:Pipe:FB:Rev 01	Applicable
99	PIPE D406.4X70X5000 - SA335P92	40	23.228	TDC:0101:Rev.20	MM:Pur:Pipe:FB:Rev 01	Applicable
100	PIPE OD-168.3X35X6000-SA335P92	168	19.328	TDC:0101:Rev.20	MM:Pur:Pipe:FB:Rev 01	Applicable
101	PIPE OD-457X75X5000-SA335P92	40	28.26	TDC:0101:Rev.20	MM:Pur:Pipe:FB:Rev 01	Applicable
102	PIPE OD-508X65X6000-SA335P92	24	17.042	TDC:0101:Rev.20	MM:Pur:Pipe:FB:Rev 01	Applicable
103	PIPE OD-762X70X5100-SA335P92	61.2	73.104	TDC:0101:Rev.20	MM:Pur:Pipe:FB:Rev 01	Applicable
104	PIPE 762.00 X 32.00 - 6000 - SA106GRC	312	179.728	TDG:7381:Rev.01	MM:Pur:Pipe:PC:Rev 00	Applicable
105	PIPE 762.00 X 35.00 - 6000 - SA106GRC	96	60.238	TDG:7381:Rev.01	MM:Pur:Pipe:PC:Rev 00	Applicable
106	PIPE 762.00 X 35.00 - 7500 - SA106GRC	120	75.296	TDG:7381:Rev.01	MM:Pur:Pipe:PC:Rev 00	Applicable
107	PIPE 864.00 X 36.00 - 6000 - SA106GRC	72	52.924	TDG:7381:Rev.01	MM:Pur:Pipe:PC:Rev 00	Applicable
112	PIPE DIA 406.4 X 9.53 X 6500 SA106GRC	6.5	0.606	TDG:7381:Rev.01	MM:Pur:Pipe:PC:Rev 00	Applicable
116	PIPE OD 323.9 X 47 L=6000 SA106GRC	24	7.702	TDG:7381:Rev.01	MM:Pur:Pipe:PC:Rev 00	Applicable
117	PIPE OD 355.6 X 19.05 X 6000 - SA106GRC	96	12.164	TDG:7381:Rev.01	MM:Pur:Pipe:PC:Rev 00	Applicable
118	PIPE OD 457.2 X 84 L=6000 SA106GRC	108	83.49	TDG:7381:Rev.01	MM:Pur:Pipe:PC:Rev 00	Applicable
119	PIPE OD 610 X 111 L=6000 SA106GRC	24	32.78	TDG:7381:Rev.01	MM:Pur:Pipe:PC:Rev 00	Applicable
120	PIPE OD 610X86 L=6000 SA106GRC	144	160.012	TDG:7381:Rev.01	MM:Pur:Pipe:PC:Rev 00	Applicable

122	PIPE OD273X51 L=6000 SA106GRC	12	3.35	TDG:7381:Rev.01	MM:Pur:Pipe:PC:Rev 00	Applicable
123	PIPE OD323.9X61X6000-SA106GRC	42	16.609	TDG:7381:Rev.01	MM:Pur:Pipe:PC:Rev 00	Applicable
124	PIPE OD355.6X67 L=6000 SA106GRC	180	85.83	TDG:7381:Rev.01	MM:Pur:Pipe:PC:Rev 00	Applicable
125	PIPE OD355.6X9.53 x 6500 SA106GRC	507	41.234	TDG:7381:Rev.01	MM:Pur:Pipe:PC:Rev 00	Applicable
126	PIPE OD406.4X58 L=6000 SA106GRC	420	209.29	TDG:7381:Rev.01	MM:Pur:Pipe:PC:Rev 00	Applicable
127	PIPE OD864X40 L=8000 SA106GRC	80	65.0232	TDG:7381:Rev.01	MM:Pur:Pipe:PC:Rev 00	Applicable
130	PIPE DIA 323.9 X 9.53 X 6500 - SA106GRB	117	8.644	TDG:7381:Rev.01	MM:Pur:Pipe:PC:Rev 00	Applicable
131	PIPE DIA 355.6 X 9.53 x 6500 - SA106GRB	156	12.688	TDG:7381:Rev.01	MM:Pur:Pipe:PC:Rev 00	Applicable
132	PIPE DIA 406.4 X 9.53 x 6500 - SA106GRB	442	41.226	TDG:7381:Rev.01	MM:Pur:Pipe:PC:Rev 00	Applicable
133	PIPE DIA 457.2 X 12.7 X 6000 - SA106GRB	6	0.835	TDG:7381:Rev.01	MM:Pur:Pipe:PC:Rev 00	Applicable
134	PIPE DIA 457.2 X 9.53 X 6500 SA106GRB	286	30.116	TDG:7381:Rev.01	MM:Pur:Pipe:PC:Rev 00	Applicable
135	PIPE DIA 457.20 X 20.00 x 6000 - SA106GRB	6	1.294	TDG:7381:Rev.01	MM:Pur:Pipe:PC:Rev 00	Applicable
136	PIPE DIA 508.00 X 9.53 x 6500 - SA106GRB	65	7.614	TDG:7381:Rev.01	MM:Pur:Pipe:PC:Rev 00	Applicable
137	PIPE DIA 609.60 X 9.53 x 6500- SA106GRB	13	1.834	TDG:7381:Rev.01	MM:Pur:Pipe:PC:Rev 00	Applicable
141	PIPE OD 323.90 x 6.35 x 6500 - SA106GRB	39	1.94	TDG:7381:Rev.01	MM:Pur:Pipe:PC:Rev 00	Applicable
142	PIPE OD 406.40 x 12.70 X 6000 - SA106GRB	168	20.714	TDG:7381:Rev.01	MM:Pur:Pipe:PC:Rev 00	Applicable
148	PIPE DIA 355.6 X 9.53 X 6500 SA335P22	104	8.458	TDG:7381:Rev.01	MM:Pur:Pipe:PC:Rev 00	Applicable
154	PIPE OD-457X9.53X6000-SA335P22	12	1.262	TDG:7381:Rev.01	MM:Pur:Pipe:PC:Rev 00	Applicable
155	PIPE OD508X32.54 L=6000 SA335P22	60	22.892	TDG:7381:Rev.01	MM:Pur:Pipe:PC:Rev 00	Applicable
156	PIPE OD864X52 L=6500 SA335P22	26	27.072	TDG:7381:Rev.01	MM:Pur:Pipe:PC:Rev 00	Applicable
157	PIPE OD864X58 L=8000 SA335P22	48	55.3344	TDG:7381:Rev.01	MM:Pur:Pipe:PC:Rev 00	Applicable
158	PIPE ID180X45 L=6000 SA335P92	84	20.974	TDG:7381:Rev.01	MM:Pur:Pipe:PC:Rev 00	Applicable
159	PIPE ID180X50 L=3500 SA335P92	84	23.822	TDG:7381:Rev.01	MM:Pur:Pipe:PC:Rev 00	Applicable
160	PIPE ID200X50 L=6000 SA335P92	24	7.398	TDG:7381:Rev.01	MM:Pur:Pipe:PC:Rev 00	Applicable
161	PIPE ID235X67 L=4000 SA335P92	128	63.868	TDG:7381:Rev.01	MM:Pur:Pipe:PC:Rev 00	Applicable
162	PIPE ID345X83 L=6000 SA335P92	432	378.44	TDG:7381:Rev.01	MM:Pur:Pipe:PC:Rev 00	Applicable
163	PIPE ID345X92 L=7000 SA335P92	406	402.52	TDG:7381:Rev.01	MM:Pur:Pipe:PC:Rev 00	Applicable

164	PIPE ID345X98 L=6000 SA335P92	24	25.692	TDG:7381:Rev.01	MM:Pur:Pipe:PC:Rev 00	Applicable
165	PIPE ID535X30 L=6000 SA335P92	96	40.126	TDG:7381:Rev.01	MM:Pur:Pipe:PC:Rev 00	Applicable
166	PIPE ID535X38 L=4500 SA335P92	171	91.816	TDG:7381:Rev.01	MM:Pur:Pipe:PC:Rev 00	Applicable
167	PIPE ID550X30 L=6000 SA335P92	396	169.916	TDG:7381:Rev.01	MM:Pur:Pipe:PC:Rev 00	Applicable
168	PIPE ID550X34 L=6500 SA335P92	416	203.69	TDG:7381:Rev.01	MM:Pur:Pipe:PC:Rev 00	Applicable
169	PIPE ID550X38 L=5000 SA335P92	20	11.02	TDG:7381:Rev.01	MM:Pur:Pipe:PC:Rev 00	Applicable
170	PIPE OD219.1X48 L=3500 SA335P92	84	17.012	TDG:7381:Rev.01	MM:Pur:Pipe:PC:Rev 00	Applicable
171	PIPE OD-88.9X20X6000-SA335P92	48	1.62	TDG:7381:Rev.01	MM:Pur:Pipe:PC:Rev 00	Applicable
	<b>TOTAL</b>	<b>11557.30</b>	<b>5440.003</b>			