



Bharat Heavy Electricals Limited

(High Pressure Boiler Plant)

Tiruchirappalli – 620014, TAMIL NADU, INDIA

MATERIALS MANAGEMENT

TITLE Manufacture and supply of Seamless Carbon Steel and Alloy steel pipes	Phone: +91 431 257 1579 Fax : +91 431 252 0719 Email : krishnasamad@bhel.in udayakumar.k@bhel.in
---	---

Tender ID 2023_BHEL_22124_1	Reference Number: Enquiry 1202300002	Enquiry Date: 02.02.2023	Due date for submission of quotation: 03.03.2023
---------------------------------------	--	------------------------------------	---

You are requested to quote the Enquiry number, date and due date in all your correspondences. This is only a request for quotation and not an order

CORRIGENDUM - 1

Details of Corrigendum

The following clause is to be included in the NIT.

- 1. Tender ID is changed as 2023_BHEL_22124_2 in NIC portal.**
- 2. Revised BOQ is hosted in NIC portal.**
- 3. Due date for submission of offer is extended till 17.03.2023 / 1100 hrs. (IST).**
- 4. The following point will be the integral part of TDC:0101; Rev.20.**

In line with Cl. 9 of TDC 0101; Rev.20, each Supplier shall certify in the TC by Visual examination attesting to freedom of the pipe surfaces from imperfections and defects. This visual examination shall be performed on the finished pipes after surface preparation before performing UT.

- 5. Updated Annexure-II inline with BOQ is attached herewith.**

All other terms and conditions as published in the 2023_BHEL_22124_1 remain unaltered.

BHEL technical terms & conditions and all annexures can be downloaded from the Government tender website <http://eprocurebhel.co.in> (public sector units) Bharat Heavy Electricals Limited against RFQ/Enquiry reference “1202300002”

Tenders should reach us before 11:00 hours on the due date
Technical bid will be opened at 16:00 hours on the due date
Tenders would be opened in presence of the tenderers who have submitted their offers and who may like to be present.

Yours faithfully,
For **Bharat Heavy Electricals Limited**

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 per Type 1

SL No	Description	QTY (M)	WT (MT)	Applicable TDC	Applicable PQR	NTPC Approval
1	PIPE 219.10 X 40.00 - 4500 - SA335P12	18	3.18	TDC 101 REV 20	MM:Pur:Pipes:FB:Rev 00 dt. 15.02.2021	NTPC approval Applicable
2	PIPE 219.10 X 40.00 - 5000 - SA335P12	180	31.8	TDC 101 REV 20	MM:Pur:Pipes:FB:Rev 00 dt. 15.02.2021	NTPC approval Applicable
3	PIPE 219.10 X 40.00 - 5500 - SA335P12	66	11.66	TDC 101 REV 20	MM:Pur:Pipes:FB:Rev 00 dt. 15.02.2021	NTPC approval Applicable
4	PIPE 219.10 X 40.00 - 6500 - SA335P12	130	22.966	TDC 101 REV 20	MM:Pur:Pipes:FB:Rev 00 dt. 15.02.2021	NTPC approval Applicable
5	PIPE 219.10 X 40.00 - 7000 - SA335P12	322	56.884	TDC 101 REV 20	MM:Pur:Pipes:FB:Rev 00 dt. 15.02.2021	NTPC approval Applicable
6	PIPE 219.10 X 40.00 - 7200 - SA335P12	100.8	17.808	TDC 101 REV 20	MM:Pur:Pipes:FB:Rev 00 dt. 15.02.2021	NTPC approval Applicable
7	PIPE 219.10 X 45.00 - 5000 - SA335P12	40	7.728	TDC 101 REV 20	MM:Pur:Pipes:FB:Rev 00 dt. 15.02.2021	NTPC approval Applicable
8	PIPE 219.10 X 45.00 - 5500 - SA335P12	22	4.25	TDC 101 REV 20	MM:Pur:Pipes:FB:Rev 00 dt. 15.02.2021	NTPC approval Applicable
9	PIPE 273.00 X 50.00 - 5300 - SA335P12	106	29.144	TDC 101 REV 20	MM:Pur:Pipes:FB:Rev 00 dt. 15.02.2021	NTPC approval Applicable
10	PIPE 273.00 X 50.00 - 6500 - SA335P12	13	3.574	TDC 101 REV 20	MM:Pur:Pipes:FB:Rev 00 dt. 15.02.2021	NTPC approval Applicable
11	PIPE 323.90 X 55.00 - 6200 - SA335P12	24.8	9.044	TDC 101 REV 20	MM:Pur:Pipes:FB:Rev 00 dt. 15.02.2021	NTPC approval Applicable

12	PIPE 323.90 X 55.00 - 7900 - SA335P12	126.4	46.098	TDC 101 REV 20	MM:Pur:Pipes:FB:Rev 00 dt. 15.02.2021	NTPC approval Applicable
13	PIPE 323.90 X 80.00 - 6000 - SA335P12	24	11.548	TDC 101 REV 20	MM:Pur:Pipes:FB:Rev 00 dt. 15.02.2021	NTPC approval Applicable
14	PIPE 355.60 X 70.00 - 5700 - SA335P12	68.4	33.72	TDC 101 REV 20	MM:Pur:Pipes:FB:Rev 00 dt. 15.02.2021	NTPC approval Applicable
15	PIPE 355.60 X 76.20 - 4500 - SA335P12	9	4.72	TDC 101 REV 20	MM:Pur:Pipes:FB:Rev 00 dt. 15.02.2021	NTPC approval Applicable
16	PIPE 406.40 X 70.00 - 4100 - SA106GRC	32.8	19.046	TDC 101 REV 20	MM:Pur:Pipes:FB:Rev 00 dt. 15.02.2021	NTPC approval Applicable
17	PIPE 406.40 X 80.00 - 4500 - SA335P12	18	11.59	TDC 101 REV 20	MM:Pur:Pipes:FB:Rev 00 dt. 15.02.2021	NTPC approval Applicable
18	PIPE 406.40 X 80.00 - 5000 - SA335P12	20	12.878	TDC 101 REV 20	MM:Pur:Pipes:FB:Rev 00 dt. 15.02.2021	NTPC approval Applicable
19	PIPE 406.40 X 80.00 - 5200 - SA335P91	62.4	40.182	TDC 101 REV 20	MM:Pur:Pipes:FB:Rev 00 dt. 15.02.2021	NTPC approval Applicable
20	PIPE 406.40 X 85.00 - 4000 - SA335P12	64	43.114	TDC 101 REV 20	MM:Pur:Pipes:FB:Rev 00 dt. 15.02.2021	NTPC approval Applicable
21	PIPE 406.40 X 85.00 - 6000 - SA335P12	24	16.168	TDC 101 REV 20	MM:Pur:Pipes:FB:Rev 00 dt. 15.02.2021	NTPC approval Applicable
22	PIPE 406.40 X 90.00 - 5500 - SA335P91	110	77.242	TDC 101 REV 20	MM:Pur:Pipes:FB:Rev 00 dt. 15.02.2021	NTPC approval Applicable
23	PIPE 406.40 X 90.00 - 6800 - SA335P91	13.6	9.55	TDC 101 REV 20	MM:Pur:Pipes:FB:Rev 00 dt. 15.02.2021	NTPC approval Applicable
24	PIPE 457.00 X 105.00 - 6000 - SA335P92	96	87.498	TDC 101 REV 20	MM:Pur:Pipes:FB:Rev 00 dt. 15.02.2021	NTPC approval Applicable
25	PIPE 457.00 X 75.00 - 4000 - SA335P12	32	22.608	TDC 101 REV 20	MM:Pur:Pipes:FB:Rev 00 dt. 15.02.2021	NTPC approval Applicable

26	PIPE 457.00 X 75.00 - 5500 - SA335P12	22	15.544	TDC 101 REV 20	MM:Pur:Pipes:FB:Rev 00 dt. 15.02.2021	NTPC approval Applicable
27	PIPE 457.00 X 75.00 - 6000 - SA335P12	24	16.956	TDC 101 REV 20	MM:Pur:Pipes:FB:Rev 00 dt. 15.02.2021	NTPC approval Applicable
28	PIPE 508.00 X 65.00 - 6500 - SA335P92	52	36.926	TDC 101 REV 20	MM:Pur:Pipes:FB:Rev 00 dt. 15.02.2021	NTPC approval Applicable
29	PIPE 508.00 X 73.00 - 3500 - SA335P91	14	10.962	TDC 101 REV 20	MM:Pur:Pipes:FB:Rev 00 dt. 15.02.2021	NTPC approval Applicable
30	PIPE 508.00 X 73.00 - 6200 - SA335P91	49.6	38.84	TDC 101 REV 20	MM:Pur:Pipes:FB:Rev 00 dt. 15.02.2021	NTPC approval Applicable
31	PIPE 558.80 X 76.20 - 5000 - SA106GRC	110	99.764	TDC 101 REV 20	MM:Pur:Pipes:FB:Rev 00 dt. 15.02.2021	NTPC approval Applicable
32	PIPE 609.60 X 40.00 - 5650 - SA335P91	22.6	12.698	TDC 101 REV 20	MM:Pur:Pipes:FB:Rev 00 dt. 15.02.2021	NTPC approval Applicable
33	PIPE 609.60 X 40.00 - 6800 - SA335P91	13.6	7.642	TDC 101 REV 20	MM:Pur:Pipes:FB:Rev 00 dt. 15.02.2021	NTPC approval Applicable
34	PIPE 660.00 X 90.00 - 5000 - SA106GRC	10	12.65	TDC 101 REV 20	MM:Pur:Pipes:FB:Rev 00 dt. 15.02.2021	NTPC approval Applicable
35	PIPE 660.00 X 90.00 - 5500 - SA106GRC	11	13.916	TDC 101 REV 20	MM:Pur:Pipes:FB:Rev 00 dt. 15.02.2021	NTPC approval Applicable
36	PIPE 660.40 X 30.00 - 6500 - SA335P91	65	30.314	TDC 101 REV 20	MM:Pur:Pipes:FB:Rev 00 dt. 15.02.2021	NTPC approval Applicable
37	PIPE 660.40 X 30.00 - 6600 - SA335P91	13.2	6.156	TDC 101 REV 20	MM:Pur:Pipes:FB:Rev 00 dt. 15.02.2021	NTPC approval Applicable
38	PIPE 711.00 X 90.00 - 8500 - SA335P91	68	93.718	TDC 101 REV 20	MM:Pur:Pipes:FB:Rev 00 dt. 15.02.2021	NTPC approval Applicable
39	PIPE D406.4X70X5000 - SA335P92	40	23.228	TDC 101 REV 20	MM:Pur:Pipes:FB:Rev 00 dt. 15.02.2021	NTPC approval Applicable

40	PIPE DIA 114.3 X 13.49 X 6000 SA106GRC	24	0.804	TDC 101 REV 20	MM:Pur:Pipes:FB:Rev 00 dt. 15.02.2021	NTPC approval Applicable
41	PIPE DIA 114.3 X 17.12 X 6000 SA106GRC	552	22.65	TDC 101 REV 20	MM:Pur:Pipes:FB:Rev 00 dt. 15.02.2021	NTPC approval Applicable
42	PIPE DIA 323.9 X 60 X 3000 - SA335P22	6	2.342	TDC 101 REV 20	MM:Pur:Pipes:FB:Rev 00 dt. 15.02.2021	NTPC approval Applicable
43	PIPE OD 88.90 x 5.49 X 6500 - SA106GRB	4745	53.572	TDC 101 REV 20	MM:Pur:Pipes:FB:Rev 00 dt. 15.02.2021	NTPC approval Applicable
44	PIPE OD 88.90 x 11.13 X 6000- SA106GRC	204	4.356	TDC 101 REV 20	MM:Pur:Pipes:FB:Rev 00 dt. 15.02.2021	NTPC approval Applicable
45	PIPE OD 114.3 X 17.12 X 6000 - SA335P91	72	2.954	TDC 101 REV 20	MM:Pur:Pipes:FB:Rev 00 dt. 15.02.2021	NTPC approval Applicable
46	PIPE OD 114.3 X 20.0 X 6000 SA335P22	84	3.906	TDC 101 REV 20	MM:Pur:Pipes:FB:Rev 00 dt. 15.02.2021	NTPC approval Applicable
47	PIPE OD 114.3 X 6.02 X 6000 SA335P22	78	1.254	TDC 101 REV 20	MM:Pur:Pipes:FB:Rev 00 dt. 15.02.2021	NTPC approval Applicable
48	PIPE OD 114.3 x11.13X6000- SA335P91	12	0.34	TDC 101 REV 20	MM:Pur:Pipes:FB:Rev 00 dt. 15.02.2021	NTPC approval Applicable
49	PIPE OD 114.30 x 6.02 X 6500 - SA106GRB	65	1.046	TDC 101 REV 20	MM:Pur:Pipes:FB:Rev 00 dt. 15.02.2021	NTPC approval Applicable
50	PIPE OD 114.30 X 20.00 X 6000 - SA106GRC	72	3.348	TDC 101 REV 20	MM:Pur:Pipes:FB:Rev 00 dt. 15.02.2021	NTPC approval Applicable
51	PIPE OD 127.00 X 12.50 X 6000 - SA106GRB	84	2.964	TDC 101 REV 20	MM:Pur:Pipes:FB:Rev 00 dt. 15.02.2021	NTPC approval Applicable
52	PIPE OD 127.00 X 12.50 X 6000 - SA335P22	48	1.694	TDC 101 REV 20	MM:Pur:Pipes:FB:Rev 00 dt. 15.02.2021	NTPC approval Applicable
53	PIPE OD 127.00 X 20.00 X 6000 - SA335P91	60	3.166	TDC 101 REV 20	MM:Pur:Pipes:FB:Rev 00 dt. 15.02.2021	NTPC approval Applicable

54	PIPE OD 168.3 X 47.6 X 4500 SA335P12	180	25.502	TDC 101 REV 20	MM:Pur:Pipes:FB:Rev 00 dt. 15.02.2021	NTPC approval Applicable
55	PIPE OD 168.30 x 7.11 x 6000 - SA335P22	24	0.678	TDC 101 REV 20	MM:Pur:Pipes:FB:Rev 00 dt. 15.02.2021	NTPC approval Applicable
56	PIPE OD 168.30 X 26.00 X 6000 - SA106GRC	348	31.752	TDC 101 REV 20	MM:Pur:Pipes:FB:Rev 00 dt. 15.02.2021	NTPC approval Applicable
57	PIPE OD 168.30 x 7.11 X 6500 - SA106GRB	182	5.144	TDC 101 REV 20	MM:Pur:Pipes:FB:Rev 00 dt. 15.02.2021	NTPC approval Applicable
58	PIPE OD 219.10 x 40.00 x 5650- SA106GRC	45.2	7.986	TDC 101 REV 20	MM:Pur:Pipes:FB:Rev 00 dt. 15.02.2021	NTPC approval Applicable
59	PIPE OD 219.10 x 40.00 x 6000 - SA106GRC	12	2.12	TDC 101 REV 20	MM:Pur:Pipes:FB:Rev 00 dt. 15.02.2021	NTPC approval Applicable
60	PIPE OD 219.10 x 40.00x7400 - SA106GRC	29.6	5.23	TDC 101 REV 20	MM:Pur:Pipes:FB:Rev 00 dt. 15.02.2021	NTPC approval Applicable
61	PIPE OD 273X65X5000-SA106GRC	120	40.008	TDC 101 REV 20	MM:Pur:Pipes:FB:Rev 00 dt. 15.02.2021	NTPC approval Applicable
62	PIPE OD 273X65X5500-SA106GRC	44	14.672	TDC 101 REV 20	MM:Pur:Pipes:FB:Rev 00 dt. 15.02.2021	NTPC approval Applicable
63	PIPE OD 323.9 X 60 X 4700 - SA335P12	37.6	14.682	TDC 101 REV 20	MM:Pur:Pipes:FB:Rev 00 dt. 15.02.2021	NTPC approval Applicable
64	PIPE OD 323.9 X 60 X 5000 - SA335P12	20	7.81	TDC 101 REV 20	MM:Pur:Pipes:FB:Rev 00 dt. 15.02.2021	NTPC approval Applicable
65	PIPE OD 323.9 X 60 X 5500 - SA335P12	22	8.59	TDC 101 REV 20	MM:Pur:Pipes:FB:Rev 00 dt. 15.02.2021	NTPC approval Applicable
66	PIPE OD 323.9 X 60 X 6000 - SA335P12	48	18.742	TDC 101 REV 20	MM:Pur:Pipes:FB:Rev 00 dt. 15.02.2021	NTPC approval Applicable
67	PIPE OD 323.9 X 60 X 6400 - SA335P12	12.8	4.998	TDC 101 REV 20	MM:Pur:Pipes:FB:Rev 00 dt. 15.02.2021	NTPC approval Applicable
68	PIPE OD 323.90 x 45.00 x 5100 - SA106GRC	183.6	56.826	TDC 101 REV 20	MM:Pur:Pipes:FB:Rev 00 dt. 15.02.2021	NTPC approval Applicable

69	PIPE OD 355.6 X 70 X 4700 - SA335P12	56.4	27.804	TDC 101 REV 20	MM:Pur:Pipes:FB:Rev 00 dt. 15.02.2021	NTPC approval Applicable
70	PIPE OD 355.6 X 70 X 5000 - SA335P12	40	19.72	TDC 101 REV 20	MM:Pur:Pipes:FB:Rev 00 dt. 15.02.2021	NTPC approval Applicable
71	PIPE OD 355.6 x 76.2 x 5000 - SA335P12	60	31.472	TDC 101 REV 20	MM:Pur:Pipes:FB:Rev 00 dt. 15.02.2021	NTPC approval Applicable
72	PIPE OD 355.6 x 76.2 x 5500 - SA335P12	66	34.618	TDC 101 REV 20	MM:Pur:Pipes:FB:Rev 00 dt. 15.02.2021	NTPC approval Applicable
73	PIPE OD 355.6 x 76.2 x 6000 - SA335P12	24	12.588	TDC 101 REV 20	MM:Pur:Pipes:FB:Rev 00 dt. 15.02.2021	NTPC approval Applicable
74	PIPE OD 406.4 X 70 X 5000 - SA106GRC	20	11.612	TDC 101 REV 20	MM:Pur:Pipes:FB:Rev 00 dt. 15.02.2021	NTPC approval Applicable
75	PIPE OD 406.4 X 70 X 6000 - SA106GRC	72	41.808	TDC 101 REV 20	MM:Pur:Pipes:FB:Rev 00 dt. 15.02.2021	NTPC approval Applicable
76	PIPE OD 406.4 X 90 X 6000 - SA335P12	24	16.854	TDC 101 REV 20	MM:Pur:Pipes:FB:Rev 00 dt. 15.02.2021	NTPC approval Applicable
77	PIPE OD 406.4X90X5500-SA335P12	44	30.898	TDC 101 REV 20	MM:Pur:Pipes:FB:Rev 00 dt. 15.02.2021	NTPC approval Applicable
78	PIPE OD 457.2 x 65 x 5000 - SA106GRC	410	257.75	TDC 101 REV 20	MM:Pur:Pipes:FB:Rev 00 dt. 15.02.2021	NTPC approval Applicable
79	PIPE OD 457.2 x 65 x 6000 - SA106GRC	384	241.406	TDC 101 REV 20	MM:Pur:Pipes:FB:Rev 00 dt. 15.02.2021	NTPC approval Applicable
80	PIPE OD 457.2 x 65 x 6500 - SA106GRC	26	16.346	TDC 101 REV 20	MM:Pur:Pipes:FB:Rev 00 dt. 15.02.2021	NTPC approval Applicable
81	PIPE OD 508 X 90 X 5600 - SA106GRC	33.6	31.17	TDC 101 REV 20	MM:Pur:Pipes:FB:Rev 00 dt. 15.02.2021	NTPC approval Applicable
82	PIPE OD 508 X 90 X 6000 - SA106GRC	12	11.132	TDC 101 REV 20	MM:Pur:Pipes:FB:Rev 00 dt. 15.02.2021	NTPC approval Applicable
83	PIPE OD 508X32X6000-SA335P12	48	18.03	TDC 101 REV 20	MM:Pur:Pipes:FB:Rev 00 dt. 15.02.2021	NTPC approval Applicable

84	PIPE OD 558.8X76.2X 6000-SA106GRC	36	32.646	TDC 101 REV 20	MM:Pur:Pipes:FB:Rev 00 dt. 15.02.2021	NTPC approval Applicable
85	PIPE OD 558.8X76.2X 6500-SA106GRC	52	47.156	TDC 101 REV 20	MM:Pur:Pipes:FB:Rev 00 dt. 15.02.2021	NTPC approval Applicable
86	PIPE OD 88.9 X 5.49 X 6000 - SA335P22	60	0.678	TDC 101 REV 20	MM:Pur:Pipes:FB:Rev 00 dt. 15.02.2021	NTPC approval Applicable
87	PIPE OD 88.9 X16 X 6000 - SA335P12	60	1.726	TDC 101 REV 20	MM:Pur:Pipes:FB:Rev 00 dt. 15.02.2021	NTPC approval Applicable
88	PIPE OD 88.90 x 15.24 x 6000 - SA106GRC	228	6.31	TDC 101 REV 20	MM:Pur:Pipes:FB:Rev 00 dt. 15.02.2021	NTPC approval Applicable
89	PIPE OD 88.90 X 20.00 X 6000 - SA335P22	288	9.786	TDC 101 REV 20	MM:Pur:Pipes:FB:Rev 00 dt. 15.02.2021	NTPC approval Applicable
90	PIPE OD-168.3X35X6000-SA335P92	120	13.806	TDC 101 REV 20	MM:Pur:Pipes:FB:Rev 00 dt. 15.02.2021	NTPC approval Applicable
91	PIPE OD-219.1X10.31X6500-SA335P91	12	0.638	TDC 101 REV 20	MM:Pur:Pipes:FB:Rev 00 dt. 15.02.2021	NTPC approval Applicable
92	PIPE OD-219.1X40X6000-SA335P12	60	10.6	TDC 101 REV 20	MM:Pur:Pipes:FB:Rev 00 dt. 15.02.2021	NTPC approval Applicable
93	PIPE OD-219.1X45X4200-SA335P12	33.6	6.492	TDC 101 REV 20	MM:Pur:Pipes:FB:Rev 00 dt. 15.02.2021	NTPC approval Applicable
94	PIPE OD-219.1X45X7000-SA335P12	84	16.228	TDC 101 REV 20	MM:Pur:Pipes:FB:Rev 00 dt. 15.02.2021	NTPC approval Applicable
95	PIPE OD-219.1X8.18X6000-SA335P91	12	0.51	TDC 101 REV 20	MM:Pur:Pipes:FB:Rev 00 dt. 15.02.2021	NTPC approval Applicable
96	PIPE OD-273X50X6000-SA335P12	24	6.598	TDC 101 REV 20	MM:Pur:Pipes:FB:Rev 00 dt. 15.02.2021	NTPC approval Applicable
97	PIPE OD-273X6.35X6000-SA335P91	24	1.002	TDC 101 REV 20	MM:Pur:Pipes:FB:Rev 00 dt. 15.02.2021	NTPC approval Applicable
98	PIPE OD-323.9X80X5000-SA335P12	10	4.812	TDC 101 REV 20	MM:Pur:Pipes:FB:Rev 00 dt. 15.02.2021	NTPC approval Applicable
99	PIPE OD-355.6 X 60 X 5000-SA335P12	20	8.748	TDC 101 REV 20	MM:Pur:Pipes:FB:Rev 00 dt. 15.02.2021	NTPC approval Applicable
100	PIPE OD-355.6 X 60 X 6000-SA335P12	12	5.248	TDC 101 REV 20	MM:Pur:Pipes:FB:Rev 00 dt. 15.02.2021	NTPC approval Applicable

101	PIPE OD-355.6X60X5000-SA335P91	40	17.494	TDC 101 REV 20	MM:Pur:Pipes:FB:Rev 00 dt. 15.02.2021	NTPC approval Applicable
102	PIPE OD-406.4 X 80 X 6000-SA335P91	24	15.454	TDC 101 REV 20	MM:Pur:Pipes:FB:Rev 00 dt. 15.02.2021	NTPC approval Applicable
103	PIPE OD-406.4X70X5000-SA335P91	40	23.228	TDC 101 REV 20	MM:Pur:Pipes:FB:Rev 00 dt. 15.02.2021	NTPC approval Applicable
104	PIPE OD-406.4X85X5000-SA335P12	40	26.948	TDC 101 REV 20	MM:Pur:Pipes:FB:Rev 00 dt. 15.02.2021	NTPC approval Applicable
105	PIPE OD-406.4X90X5000-SA335P91	20	14.044	TDC 101 REV 20	MM:Pur:Pipes:FB:Rev 00 dt. 15.02.2021	NTPC approval Applicable
106	PIPE OD-457X60X5000-SA106GRC	20	11.748	TDC 101 REV 20	MM:Pur:Pipes:FB:Rev 00 dt. 15.02.2021	NTPC approval Applicable
107	PIPE OD-457X60X6200-SA106GRC	49.6	29.136	TDC 101 REV 20	MM:Pur:Pipes:FB:Rev 00 dt. 15.02.2021	NTPC approval Applicable
108	PIPE OD-457X60X6500-SA106GRC	26	15.272	TDC 101 REV 20	MM:Pur:Pipes:FB:Rev 00 dt. 15.02.2021	NTPC approval Applicable
109	PIPE OD-457X75X4500-SA335P12	18	12.716	TDC 101 REV 20	MM:Pur:Pipes:FB:Rev 00 dt. 15.02.2021	NTPC approval Applicable
110	PIPE OD-457X75X5000-SA335P92	40	28.26	TDC 101 REV 20	MM:Pur:Pipes:FB:Rev 00 dt. 15.02.2021	NTPC approval Applicable
111	PIPE OD-508X65X6000-SA335P91	24	17.042	TDC 101 REV 20	MM:Pur:Pipes:FB:Rev 00 dt. 15.02.2021	NTPC approval Applicable
112	PIPE OD-508X65X6000-SA335P92	24	17.042	TDC 101 REV 20	MM:Pur:Pipes:FB:Rev 00 dt. 15.02.2021	NTPC approval Applicable
113	PIPE OD-508X85X5750-SA106GRC	46	40.786	TDC 101 REV 20	MM:Pur:Pipes:FB:Rev 00 dt. 15.02.2021	NTPC approval Applicable
114	PIPE OD-609.6X40X5000-SA335P91	10	5.618	TDC 101 REV 20	MM:Pur:Pipes:FB:Rev 00 dt. 15.02.2021	NTPC approval Applicable
115	PIPE OD-610 X 80 X 4000-SA335P91	32	33.456	TDC 101 REV 20	MM:Pur:Pipes:FB:Rev 00 dt. 15.02.2021	NTPC approval Applicable
116	PIPE OD-660.4X30X6000-SA335P91	84	39.176	TDC 101 REV 20	MM:Pur:Pipes:FB:Rev 00 dt. 15.02.2021	NTPC approval Applicable
117	PIPE OD-711.2X55X5200-SA335P91	41.6	37.024	TDC 101 REV 20	MM:Pur:Pipes:FB:Rev 00 dt. 15.02.2021	NTPC approval Applicable
118	PIPE OD-762X70X5100-SA335P92	61.2	73.104	TDC 101 REV 20	MM:Pur:Pipes:FB:Rev 00 dt. 15.02.2021	NTPC approval Applicable
119	PIPE OD88.9 X15.24 X 6000 - SA335P91	180	4.982	TDC 101 REV 20	MM:Pur:Pipes:FB:Rev 00 dt. 15.02.2021	NTPC approval Applicable
120	PIPE OD88.9X7.62X6000-SA335P91	60	0.916	TDC 101 REV 20	MM:Pur:Pipes:FB:Rev 00 dt. 15.02.2021	NTPC approval Applicable

121	PIPE 762.00 X 32.00 - 6000 - SA106GRC	312	179.728	TDG:7381 Rev 01 dt. 13.03.2020	MM:Pur:Pipes:PC:Rev 00 dt. 15.03.2021	NTPC approval Applicable
122	PIPE 762.00 X 35.00 - 6000 - SA106GRC	96	60.238	TDG:7381 Rev 01 dt. 13.03.2020	MM:Pur:Pipes:PC:Rev 00 dt. 15.03.2021	NTPC approval Applicable
123	PIPE 762.00 X 35.00 - 7500 - SA106GRC	120	75.296	TDG:7381 Rev 01 dt. 13.03.2020	MM:Pur:Pipes:PC:Rev 00 dt. 15.03.2021	NTPC approval Applicable
124	PIPE 864.00 X 36.00 - 6000 - SA106GRC	72	52.924	TDG:7381 Rev 01 dt. 13.03.2020	MM:Pur:Pipes:PC:Rev 00 dt. 15.03.2021	NTPC approval Applicable
125	PIPE ID180X45 L=6000 SA335P92	84	20.974	TDG:7381 Rev 01 dt. 13.03.2020	MM:Pur:Pipes:PC:Rev 00 dt. 15.03.2021	NTPC approval Applicable
126	PIPE ID180X50 L=3500 SA335P92	84	23.822	TDG:7381 Rev 01 dt. 13.03.2020	MM:Pur:Pipes:PC:Rev 00 dt. 15.03.2021	NTPC approval Applicable
127	PIPE ID200X50 L=6000 SA335P92	24	7.398	TDG:7381 Rev 01 dt. 13.03.2020	MM:Pur:Pipes:PC:Rev 00 dt. 15.03.2021	NTPC approval Applicable
128	PIPE ID235X67 L=4000 SA335P92	128	63.868	TDG:7381 Rev 01 dt. 13.03.2020	MM:Pur:Pipes:PC:Rev 00 dt. 15.03.2021	NTPC approval Applicable
129	PIPE ID345X83 L=6000 SA335P92	432	378.44	TDG:7381 Rev 01 dt. 13.03.2020	MM:Pur:Pipes:PC:Rev 00 dt. 15.03.2021	NTPC approval Applicable
130	PIPE ID345X92 L=7000 SA335P92	406	402.52	TDG:7381 Rev 01 dt. 13.03.2020	MM:Pur:Pipes:PC:Rev 00 dt. 15.03.2021	NTPC approval Applicable
131	PIPE ID345X98 L=6000 SA335P92	24	25.692	TDG:7381 Rev 01 dt. 13.03.2020	MM:Pur:Pipes:PC:Rev 00 dt. 15.03.2021	NTPC approval Applicable
132	PIPE ID535X30 L=6000 SA335P92	96	40.126	TDG:7381 Rev 01 dt. 13.03.2020	MM:Pur:Pipes:PC:Rev 00 dt. 15.03.2021	NTPC approval Applicable
133	PIPE ID535X38 L=4500 SA335P92	171	91.816	TDG:7381 Rev 01 dt. 13.03.2020	MM:Pur:Pipes:PC:Rev 00 dt. 15.03.2021	NTPC approval Applicable
134	PIPE ID550X30 L=6000 SA335P92	396	169.916	TDG:7381 Rev 01 dt. 13.03.2020	MM:Pur:Pipes:PC:Rev 00 dt. 15.03.2021	NTPC approval Applicable
135	PIPE ID550X34 L=6500 SA335P92	416	203.69	TDG:7381 Rev 01 dt. 13.03.2020	MM:Pur:Pipes:PC:Rev 00 dt. 15.03.2021	NTPC approval Applicable
136	PIPE ID550X38 L=5000 SA335P92	20	11.02	TDG:7381 Rev 01 dt. 13.03.2020	MM:Pur:Pipes:PC:Rev 00 dt. 15.03.2021	NTPC approval Applicable
137	PIPE OD 323.9 X 47 L=6000 SA106GRC	24	7.702	TDG:7381 Rev 01 dt. 13.03.2020	MM:Pur:Pipes:PC:Rev 00 dt. 15.03.2021	NTPC approval Applicable
138	PIPE OD 457.2 X 84 L=6000 SA106GRC	108	83.49	TDG:7381 Rev 01 dt. 13.03.2020	MM:Pur:Pipes:PC:Rev 00 dt. 15.03.2021	NTPC approval Applicable

139	PIPE OD 610 X 111 L=6000 SA106GRC	24	32.78	TDG:7381 Rev 01 dt. 13.03.2020	MM:Pur:Pipes:PC:Rev 00 dt. 15.03.2021	NTPC approval Applicable
140	PIPE OD 610X86 L=6000 SA106GRC	144	160.012	TDG:7381 Rev 01 dt. 13.03.2020	MM:Pur:Pipes:PC:Rev 00 dt. 15.03.2021	NTPC approval Applicable
141	PIPE OD219.1X48 L=3500 SA335P92	84	17.012	TDG:7381 Rev 01 dt. 13.03.2020	MM:Pur:Pipes:PC:Rev 00 dt. 15.03.2021	NTPC approval Applicable
142	PIPE OD273X51 L=6000 SA106GRC	12	3.35	TDG:7381 Rev 01 dt. 13.03.2020	MM:Pur:Pipes:PC:Rev 00 dt. 15.03.2021	NTPC approval Applicable
143	PIPE OD323.9X61X6000-SA106GRC	42	16.61	TDG:7381 Rev 01 dt. 13.03.2020	MM:Pur:Pipes:PC:Rev 00 dt. 15.03.2021	NTPC approval Applicable
144	PIPE OD355.6X67 L=6000 SA106GRC	180	85.83	TDG:7381 Rev 01 dt. 13.03.2020	MM:Pur:Pipes:PC:Rev 00 dt. 15.03.2021	NTPC approval Applicable
145	PIPE OD406.4X58 L=6000 SA106GRC	420	209.29	TDG:7381 Rev 01 dt. 13.03.2020	MM:Pur:Pipes:PC:Rev 00 dt. 15.03.2021	NTPC approval Applicable
146	PIPE OD508X32.54 L=6000 SA335P22	60	22.892	TDG:7381 Rev 01 dt. 13.03.2020	MM:Pur:Pipes:PC:Rev 00 dt. 15.03.2021	NTPC approval Applicable
147	PIPE OD864X40 L=5500 SA106GRC	11	8.94	TDG:7381 Rev 01 dt. 13.03.2020	MM:Pur:Pipes:PC:Rev 00 dt. 15.03.2021	NTPC approval Applicable
148	PIPE OD864X40 L=8000 SA106GRC	64	52.018	TDG:7381 Rev 01 dt. 13.03.2020	MM:Pur:Pipes:PC:Rev 00 dt. 15.03.2021	NTPC approval Applicable
149	PIPE OD864X52 L=6500 SA335P22	26	27.072	TDG:7381 Rev 01 dt. 13.03.2020	MM:Pur:Pipes:PC:Rev 00 dt. 15.03.2021	NTPC approval Applicable
150	PIPE OD864X58 L=5000 SA335P22	10	11.528	TDG:7381 Rev 01 dt. 13.03.2020	MM:Pur:Pipes:PC:Rev 00 dt. 15.03.2021	NTPC approval Applicable
151	PIPE OD864X58 L=8000 SA335P22	32	36.89	TDG:7381 Rev 01 dt. 13.03.2020	MM:Pur:Pipes:PC:Rev 00 dt. 15.03.2021	NTPC approval Applicable
	TOTAL	17111.00	5424.974			