

Annexure-I

A. Seamless Pipe, ASTM A312, Grade TP 304

Serial No	Pipe size	Length (metre)	Approx. Unit weight (Kg/m)
1	DN 50, Sch40S	60	5.44
2	DN 80, Sch40S	72	11.29
3	DN 150, Sch40S	3	28.26
4	DN 150, Sch10S	30	13.84

B. Flanges, Material SS 304L

Serial No	Description	Size	Class	Quantity
1	Slip On, ASME B 16.5	DN 25	150	6
2	Slip On, ASME B 16.5	DN 40	150	6
3	Slip On, ASME B 16.5	DN 50	150	6
4	Slip On, ASME B 16.5	DN 80	150	6
5	Slip On, ASME B 16.5	DN 150	150	12
6	Slip On, ASME B 16.5	DN 25	300	30
7	Slip On, ASME B 16.5	DN 40	300	30
8	Slip On, ASME B 16.5	DN 50	300	60
9	Slip On, ASME B 16.5	DN 80	300	100
10	Slip On, ASME B 16.5	DN 150	300	6
11	Slip On, BS10-D	DN 150		30

C. Reducer, Seamless, Material SS 304L, ASTM SA403

Serial No	Description	Quantity
1	DN 50-DN 40, Sch40S	10
2	DN 80-DN 50, Sch40S	30
3	DN 40-DN 15, Sch40S	2
4	DN 80-DN 40, Sch40S	3
5	DN 80-DN 40, Sch10S	2
6	DN150-DN80, Sch40S	20
7	DN 80-DN 65, Sch40S	10

D. TEE, Material SS 304L , ASTM A403

Serial No	Description	Quantity
1	DN 50, Sch40S	4
2	DN 80, Sch40S	20
3	DN 80, Sch10S	2
4	DN 150, Sch10S	10

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E. Reducing TEE, Seamless, Material SS 304L, A403

Serial No	Description	Quantity
5	DN 50-DN 25, Sch40S	2
6	DN 80-DN 50, Sch40S	20
7	DN 80-DN 50, Sch10S	2
8	DN 150-DN 80, Sch10S	20

F. 90 Degree Long Radius Elbow, Seamless, Material SS 304L, ASTM A403

Serial No	Description	Quantity
1	DN 50, Sch40S	10
2	DN 80, Sch40S	10
3	DN 150, Sch10S	16
4	DN 80, Sch10S	5

Notes:

- 1 Material Test Certificate for each type is to be provided
- 2 Payment will be released after testing at CSIR-CMERI
- 3 Payment will be done on actual weight basis for material with per kg rate

