

Specification Sheet (1/2)

Annexure A

S. No	Description	Quantity (Nos.)	S. No	Description	Quantity (Nos.)
1.	SS Seamless Tubing Material: SS 316/316L, UNS S31603 Stainless Steel, ASTM A213/A269 Tube OD: ½", wall Thickness 0.065" Allowable working pressure: 400 bar Nominal Length: 20ft. Order No: SS-T8-S-065-20 Make: Swagelok, Fitok or parker USA	40 Nos.	9.	Weld Connector Material: SS 316/316L, UNS S31603 For Fractional Tube OD: ½" One end compression ferrule fitting and other fractional Tube OD: ½" Order no: S-810-6-8W Make: Swagelok, Fitok or parker USA	20 Nos.
2.	Union Material: SS 316/316L, UNS S31603 For Fractional Tube OD: ½" both end compression ferrule fittings Order no: SS-810-6 Make: Swagelok, Fitok or parker USA	40 Nos.	10.	Caps Material: SS 316/316L, UNS S31603 For Fractional Tube OD: ½" Order no: SS-810-C Make: Swagelok, Fitok or parker USA	25 Nos.
3.	Union Elbow 90° Material: SS 316/316L, UNS S31603 For Fractional Tube OD: ½" both end compression ferrule fittings Order no: SS-810-6 Make: Swagelok, Fitok or parker USA	50 Nos.	11.	Plugs Material: SS 316/316L, UNS S31603 For Fractional Tube OD: ½" Order no: SS-810-P Make: Swagelok, Fitok or parker USA	25 Nos.
4.	Union Male Elbow 90° Material: SS 316/316L, UNS S31603 For Fractional Tube OD: ½" One end compression ferrule fitting and other end ½" NPT male Order no: SS-810-2-8 Make: Swagelok, Fitok or parker USA	20 Nos.	12.	Union Male Elbow 45° Material: SS 316/316L, UNS S31603 For Fractional Tube OD: ½" One end compression ferrule fitting and other end ½" NPT male Order no: SS-810-5-8 Make: Swagelok, Fitok or parker USA	05 Nos.
5.	Union Female Elbow 90° Material: SS 316/316L, UNS S31603 For Fractional Tube OD: ½" One end compression ferrule fitting and other end ½" NPT female Order no: SS-810-8-8 Make: Swagelok, Fitok or parker USA	20 Nos.	13.	Union Material: SS 316/316L, UNS S31603 For Fractional Tube OD: ¾" both end compression ferrule fittings Order no: SS-1210-6 Make: Swagelok, Fitok or parker USA	20 Nos.
6.	Male Connector Material: SS 316/316L, UNS S31603 For Fractional Tube OD: ½" One end compression ferrule fitting and other end ½" NPT male Order no: SS-810-1-8 Make: Swagelok, Fitok or parker USA	25 Nos.	14.	Union Elbow 90° Material: SS 316/316L, UNS S31603 For Fractional Tube OD: ¾" both end compression ferrule fittings Order no: SS-1210-9 Make: Swagelok, Fitok or parker USA	15 Nos.
7.	Female Connector Material: SS 316/316L, UNS S31603 For Fractional Tube OD: ½" One end compression ferrule fitting and other end ½" NPT female Order no: SS-810-7-8 Make: Swagelok, Fitok or parker USA	25 Nos.	15.	Union Tee Material: SS 316/316L, UNS S31603 For Fractional Tube OD: ¾" all end compression ferrule fittings Order no: SS-1210-3 Make: Swagelok, Fitok or parker USA	15 Nos.
8.	Union Tee Material: SS 316/316L, UNS S31603 For Fractional Tube OD: ½" all end compression ferrule fittings Order no: SS-810-3 Make: Swagelok, Fitok or parker USA	30 Nos.	16.	Male Connector Material: SS 316/316L, UNS S31603 For Fractional Tube OD: ¾" One end compression ferrule fitting and other end ½" NPT male Order no: SS-1210-1-8 Make: Swagelok, Fitok or parker USA	15 Nos.

Specification Sheet (2/2)

S. No	Description	Quantity (Nos.)	S. No	Description	Quantity (Nos.)
17.	Reducing Union Material: SS 316/316L, UNS S31603 For Fractional Tube OD: ½" one end and OD: ¾" other end compression ferrule fittings Order no: SS-1210-6-8 Make: Swagelok, Fitok or parker USA	20 Nos.	23.	Union Elbow 90° Material: SS 316/316L, UNS S31603 For Fractional Tube OD: 1" both end compression ferrule fittings Order no: SS-1610-9 Make: Swagelok, Fitok or parker USA	05 Nos.
18.	Reducing Union Material: SS 316/316L, UNS S31603 For Fractional Tube OD: ¾" one end and OD: 1" other end compression ferrule fittings Order no: SS-1610-6-12 Make: Swagelok, Fitok or parker USA	08 Nos.	24.	Needle Valve Material: SS 316/316L, UNS S31603 Stainless Steel, ASTM A213/A269 Regulating stem with bar handle, straight pattern, high performance stem packing, O-ring and seal material. Orifice size = 0.375" (9.5 mm) For Fractional Tube OD: ¾" inlet/outlet: compression ferrule fittings Order no: SS-18RS12 Make: Swagelok, Fitok or parker USA	05 Nos.
19.	SS Seamless Tubing Material: SS 316/316L, UNS S31603 Stainless Steel, ASTM A213/A269 Tube OD: 1", wall Thickness 0.120" Allowable working pressure: 400 bar Nominal Length: 20ft. Tubing should be defect free, suitable for bending and flaring. Order No: SS-T16-S-120-20 Make: Swagelok, Fitok or parker USA	03 Nos.	25.	One - Piece Ball Valve (On/Off 2-way) Material: SS 316/316L, UNS S31603 Stainless Steel, ASTM A213/A269 Directional handle, single piece, patent-pending encapsulated packing. For Fractional Tube OD: ½" inlet/outlet: compression ferrule fittings Order no: SS-43GS8 Make: Swagelok, Fitok or parker USA	25 Nos.
20.	SS Seamless Tubing Material: SS 316/316L, UNS S31603 Stainless Steel, ASTM A213/A269 Tube OD: ¾", wall Thickness 0.109" Allowable working pressure: 400 bar Nominal Length: 20ft. Order No: SS-T12-S-109-20 Make: Swagelok, Fitok or parker USA	08 Nos.	26.	One - Piece Ball Valve (On/Off 2-way) Material: SS 316/316L, UNS S31603 Stainless Steel, ASTM A213/A269 Directional handle, single piece, patent-pending encapsulated packing. For Fractional Tube OD: ¾" inlet/outlet: compression ferrule fittings Order no: SS-43GS12 Make: Swagelok, Fitok or parker USA	05 Nos.
21.	Union Tee Material: SS 316/316L, UNS S31603 For Fractional Tube OD: 1" all end compression ferrule fittings Order no: SS-1610-3 Make: Swagelok, Fitok or parker USA	05 Nos.	27.	PTFE Lined Hose Pipe (SS Braided) Type: T Series, Smooth bore PTFE core Hose internally Teflon lined and outer 304 SS Braided For Fractional Tube OD: ½" inlet/outlet: compression ferrule fittings Length : 24 inch Order No: SS-TH-8-SL8-24 in Make: Swagelok, Fitok or parker USA	10 Nos.
22.	Needle Valve Material: SS 316/316L, UNS S31603 Stainless Steel, ASTM A213/A269 Regulating stem with bar handle, straight pattern, high performance stem packing, O-ring and seal material. Orifice size = 0.25" (6.40 mm) For Fractional Tube OD: ½" inlet/outlet: compression ferrule fittings Order no: SS-18RS8 Make: Swagelok, Fitok or parker USA	20 Nos.	28.	PTFE Lined Hose Pipe (SS Braided) Type: T Series, Smooth bore PTFE core Hose internally Teflon lined and outer 304 SS Braided For Fractional Tube OD: ½" inlet/outlet: compression ferrule fittings Length : 36 inch Order No: SS-TH-8-SL8-36 in Make: Swagelok, Fitok or parker USA	05 Nos.

NOTE: Preshipment inspection will be performed by 1 buyer's engineer with Air ticket & boarding/lodging on Purchaser's account.