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Annexure-A

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Sr.No.	Description	Qty
1.	<u>Monel Ball Valves</u> - Material of Construction = Monel-400 (Alloy 400), UNS N04400 - Working Pressure: 50 bar - Working Temperature: -10 to 250 °C - Ends = Ferrule Fittings, For fractional tube OD: 1/2" - 3-Piece Assembly, PTFE Seals - Orifice Dia. = 10.30 mm , Cv = 7.5 FITOK Order No. = BHM-FL8-10 Make: Fitok, Swagelok or Parker USA	50 Nos.
2.	<u>PTFE Lined Hose Pipe (SS Braided)</u> Tube core: PTFE , Fittings: SS316 Hose Internally Teflon Lined and outer 304 SS braided. Both ends with Compression fittings End connection: 1/2"x1/2" Tube OD Length: 12 inch Fitok Order No: SS-PS8-FL8-NS8 Make: Fitok, Swagelok or Parker USA	10 Nos.
3.	<u>SS Seamless Tubing</u> Material of construction: SS-316L, UNS S31603 Stainless Steel, ASTM A213 / A269 Tube OD: 1/2", wall thickness: 0.065" (1.65 mm) Allowable working pressure: 400 bar Nominal Length: 6m Polished, smooth defect free surface compatible for compression fitting Fitok Order No: 6L-ST8-065-6M-MP-A269 Make: Fitok, Swagelok or Parker USA	10 Lengths
4.	<u>SS Seamless Tubing</u> Material of construction: SS-316L, UNS S31603 Stainless Steel, ASTM A213 / A269 Tube OD: 10 mm, wall thickness: 1.5mm Allowable working pressure: 400 bar Nominal Length: 6m Fitok Order No: 6L-ST5-065-6M-MP-A269 Make: Fitok, Swagelok or Parker USA	10 Lengths

Sr.No.	Description	Qty
5.	<u>Monel Seamless Tubing</u> Material of construction: Monel-400, UNS N04400 Fully annealed Alloy 400 tubing, ASTM B165 Tube OD: 1/2", Wall thickness: 2.00-2.10 mm Allowable working pressure: 400 bar Nominal Length: 20 ft Polished, smooth defect free surface compatible for compression fitting Fitok Ordering No: M-ST8-095-20-MP-B165 Make: Fitok, Swagelok or Parker USA	10 Lengths
6.	<u>SS Union (metric to metric)</u> For metric tube OD: 10mm Swagelok Order No. SS-10M0-61 Make: Fitok, Swagelok or Parker USA	30 Nos.
7.	<u>Male Connector-I</u> For Metric Tube OD: 10 mm i) NPT Thread Size= 1/2" Swagelok Order No. SS-10M0-1-8 ii) NPT Thread Size= 1/4" Swagelok Order No. SS-10M0-1-4 Make: Fitok, Swagelok or Parker USA	20 Nos. 10 Nos.
8.	<u>Male Connector-II</u> For Fractional Tube OD: 1/2" i) NPT Thread Size= 1/2" Swagelok Order No. SS-810-1-8 ii) NPT Thread Size= 1/4" Swagelok Order No. SS-810-1-4 Make: Fitok, Swagelok or Parker USA	20 Nos. 10 Nos.
9.	<u>Female Connector -I</u> For Metric Tube OD: 10mm i) NPT Thread Size= 1/2" Swagelok Order No. SS-10M0-7-8 ii) NPT Thread Size= 1/4" Swagelok Order No. SS-10M0-7-4 Make: Fitok, Swagelok or Parker USA	30 Nos. 10 Nos.
10.	<u>Female Connector-II</u> For Fractional Tube OD: 1/2" i) NPT Thread Size= 1/2" Swagelok Order No. SS-810-7-8 ii) NPT Thread Size= 1/4" Swagelok Order No. SS-810-7-4 Make: Fitok, Swagelok or Parker USA	10 Nos. 10 Nos.

Sr.No.	Description	Qty (No.)
11.	<u>Union Elbow 90°</u> For Metric Tube OD: 10mm Swagelok Order No. SS-10M0-9 Make: Fitok, Swagelok or Parker USA	10 Nos.
12.	<u>Union Elbow 90°</u> One Side for Metric Tube OD: 10mm Other side for NPT male Thread=1/4" Swagelok Order No. SS-10M0-2-4 Make: Fitok, Swagelok or Parker USA	20 Nos.
13.	<u>Tube Adapter (Male, NPT)</u> For Metric Tube OD: 10mm i) NPT Thread Size= 1/2" Swagelok Order No. SS-10-MTA-1-8 ii) NPT Thread Size= 1/4" Swagelok Order No. SS-10-MTA-1-4 Make: Fitok, Swagelok or Parker USA	10 Nos.
		10 Nos.
14.	<u>Tube Adapter (Female, NPT)</u> For Metric Tube OD: 10mm i) NPT Thread Size= 1/2" Swagelok Order No. SS-10-MTA-7-8 ii) NPT Thread Size= 1/4" Swagelok Order No. SS-10-MTA-7-4 Make: Fitok, Swagelok or Parker USA	50 Nos.
		10 Nos.
15.	<u>Caps & Plugs</u> For Metric Tube OD: 10mm i) Swagelok Order No. SS-10M0-C ii) Swagelok Order No. SS-10M0-P Make: Fitok, Swagelok or Parker USA	10 Nos. 10 Nos.