

Annexure -1 Lab Equipment

S.No.	Item Description	Uom	Detail specification	Prefferable Make	Application
1	PH-COND METER	NOS	pH Range- 0 TO 14,Resolution 0.1 TO 0.001,Accuracy 0.002. Cond-Rnge 0.01us/cm to 200 ms/cm,Resolution 0.01 Accuracy 0.05. TDS Range 0-50000 ppm,Resolution 0.01,Accuracy 0.01. Benchtop cum Portable type. With complete consumable and accessories for one year opearation.	Hach/WTW/vzor (Eq mark 603 with ion exchange colomn)	Water Testing
2	TURBIDITYMETER	NOS	Range 0 to 1000 NTU,Accuracy (+)(-) 2%,Repeatability (+)(-) 1%.,Resolution 0.01 NTU. With complete consumable and accessories for one year opearation.	Hach/WTW/Systonics	Water Testing
3	DO METER	NOS	Range 0 to 2000 ppb ,Lowest Detection point 0.6 ppb. Resolution : 0.01 ppm.luminascent Technology	Hach	Water Testing
4	SODIUM ANALYSER	NOS	Range 0.000 to 23000 mg/L Na+. With complete consumable and accessories for one year opearation.	Hach/WTW	Water Testing
5	TOC ANALYSER	NOS	Integrated 10.4" ,To Touch screen 100-240 VAC ,Includes IQ/OQ Documentation. UV converter / Furnace with NDIR thechnology. With complete consumables and accessories for one year operation.	Hach/Shimaszu	Water Testing

6	MAGNETIC STIRRER/HEATING PLATE	NOS	Stirrer Cum Hot Plate ,Top plate Size :- 18x18 cm.Max Load 11 kg ,5 Ltr, Temp 50`c to 500`c ,Plate Material :- Ceramic ,Stirrer Speed control 100 to 1200 RPM. With minimum 5 stirers. With complete consumable and accessories for one year operation.	Any Make	Water Testing
7	VACCUM PUMP	NOS	Power 90 W ,Max Current 0.5 A,Max.Vaccum 120 mbar,(670 mmHg),Flow Rate 33 l/min.Motor Rotation 1450 RPM,Horse power 1/6 HP,Dimension (LxWxH):26.7x11.2x18.1 cm. With Oil Filtration Assembly.	Millipore/Tarsons	Water Testing
8	WATER BATH	NOS	Stainless steel,High Thermal Efficiency ,No of Holes 12 of 75 mm Dia ,Capacity 15 Lts,Heating Load 2.0 KW,Temp Controller :Hydraulic type capillary thermostat,Temp range 5-100`c.	Any Make	Water Testing