

S. No.	Description	Qty. Reqd.
1	<u>pH Sensing/ Control system with spares</u> • pH measuring Range: 2-12 pH • Temp. range: 0-100°C • Pressure: Atmospheric Pressure • Temp probe: PT-100 • Wetted Parts: PPH, SS-304/316, PVDF, PTFE, Antimony • Standard digital display with 4-20mA Output to DCS • Digital output to solenoid valve of alkaline solution to control pH • Measuring accuracy: less than 0.05pH • Antimony Electrode must be robust with approx dim ID x OD:20x33mm • Antimony pH sensing ring is always kept clean by continuous rotary polishing with a ceramic grind-tip. • Installation: Dip/ immersion Type • Response time: 10 ms • Power supply voltage: 24VDC, 50Hz • Connection mode: low noise cable leads directly • Standard ¾ inch thread • 3-5 meters cable (extendable to 60 meter without adding amplifier)	02 Nos.
2	<u>Spares</u> • Antimony ring • Standard Reference Electrodes • Wiper/ Antimony ring cleaning motors	25 Nos. 15 Nos. 05 Nos.
	<u>Note</u> • Standard spares for continuous operation for 10 Years • Specifications are same to above or nearest mfg standard • System should be industrial/ robust for continuous operation Make = HACH USA, ABB, Foxboro USA or equivalent (including Chinese, European, UK, Turkey etc. make)	