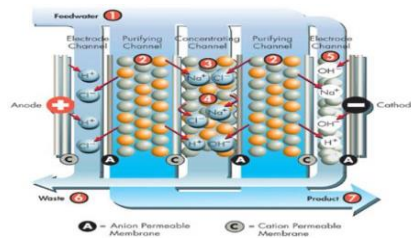


Continuous ELECTRO DEIONIZATION System CEDI Capacity: (xx) L/ hr.



Include the Following items: -

	Items	size	Qty
1	<p>EDI (ELECTRODEIONIZATION) base one merging ED and ion exchanger, An Economical way to produce high purity water continuously, no batch regeneration, no hazardous chemicals, With the advanced technology, Easy operation, and Environmental advantage, it is representing the direction of this fielded equipment includes booster pump, Edi module, Dc regulated power supply, flow meter and instrument, purify water is forced into EDI system by boost pumps, mixed ion exchange resin will continuously remove the impurities from the water by ion exchange. Meanwhile, the electrolyte to stream flows past the anode and cathode in series, the applied current also drives a water splitting reaction which produces hydronium ions and hydroxyl ions. These ions continuously regenerate the ion exchange resin so that it will continue to remove impurities from the feed water. Then re-displaced cation and anion from the feed water will permeate into concentrate chamber by sometimes reverse osmosis. As a result, a portion of concentrated is recycled back to keep the conductivity.</p> <p>Feed Water Specifications: -</p> <ol style="list-style-type: none"> 1. Resource water, RO water conductivity less than 40 us.cm better than 20 us.cm 2. PH: 6.0-9.0 3. Temperature: 5-35'c 4. Hardness: Less than 0.5ppm 5. Organics: Max 0.5ppm, Recommend 0 ppm 6. Oxidizers: Max 0.05ppm 7. FE MN: Max 0.01ppm 8. Silica: Max 0.5ppm 9. Carbon Dioxide: max 5ppm 10. Oil: Not Detectable <p>CEDI Module Specifications: -</p> <p>Permeate Flow (3-4) M3/hr., Recovery % (85-95). Designing Voltage ≤ 200, Designing Current ≤ 5.0 Inlet water pressure (2-5) Bar, Maximum pressure (6) Bar Product: Resistivity Mohm.cm (14-18.2) Working Voltage (VDC) (60-120), Working Current (ADC) (2-5) Dilute water (permeate) DN25, Concentrate water (Outlet) DN15 App. LX W X H (600x400x650) MM.</p>	XX L/hr.	
2	<p>Accessories of EDI Unit: -</p> <p>Power Supply: Voltage Control. Horizontal Electric SS Pump - ITALY Class (F) insulation, 3 hp, 2800 RPM, 220V, 50 Hz Electric inlet, Flush valves DN32. SS Housing PP filter 5 μ -(5x20") In Line Rota Flowmeter (feed, Dilute, Permeate, Recycle) Adjusted valves DN32. E.C. Control (Feed control) E.C. Resistivity Monitor (Outlet). Interconnecting tubes 14mm. Interconnecting UPVC pipes DN32, DN50.</p> <p>Electric Control Panel</p>		



	<p>ELECTRICAL COMPONENTS SCHNEIDER Contactors, Overload Main switch, Connectors, lights sign, selectors & Emergency State. Low Level Tank 1 (By AQUA Switch) High Level Tank 2 (By AQUA Switch) Low/High Pressure Switch. Skid Mounted Stainless steel. App. LX W X H (2.0x1.0x1.50) M.</p>		
3	Operating-start up -Test and Training (2 person)	7day	

