



| Department: Provincial Health Office | | | PR. No: 2022-004 | Date: January 11, 2022 | |
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| Section: | | | SAI No. | Date: | |
| | | | OBR No. | Date: | |
| Item No. | Quantity | Unit of Issue | SAI No. | Estimated Unit Cost | Estimated Cost |
| | | | <p>3 units 4040 FRP pressure membrane vessel Fiber glass construction end engry connectjions full range of diameter and pressure ratings high resistance to chemical and high level of chlorides true lock integrated locking system 3 units 4040 thin film membrane with large spiral design 2 units panel mounted 0-10 gpm flow meter 1 unit 2000 liters polyethylane pure water holding tank 1 unit dial stainless 350 PSI oil pressure gauges 1 unit pressure regulator control valve 1/2" NPT SIS 316 the system should be equipped with recycle valve and with flushing ontion 1 unit low pressure switch controlled by a timer that will automatically stops the RO pump 1 unit automatic shut-off solenoid valve 1" NPT (bypass valve can be activated manually) 1 unit auto flushing solenoid valve 1/2" NPT the RO system stainless steel full skid equipped with sampling port for pure water sampling</p> <p>pre-treatment equipment</p> <p>1 unit 13"x54" multi-media FRP tank 2 units 13"x54" granulated activated carbon FRP tank. (must include manual/automatic timer) 1 unit 13"x54" water softener FRP tank with manual/automatic backwashina head sampling port for multi-media, carbon and water softener 1 set raw water conditioning system</p> <p>inclusions:</p> <p>1 unit 2000 liters polyethylene raw water tankd with float valve 1 pc digital TDS meter befores membrane filter 2 units automatic pump control 2 units alternating raw water multi stage pump head back-up system, at least 1.5HP complete piping using scheduled 40 PVC pipe, ball valves and fittinas (arav) stainless steel fittings</p> <p>distribution system</p> <p>1 unit 1000 liters polyethylene 2nd stare pure water storage tank 2 units 1HP S/S head distribution pump (220VAC single phase) 2 units automatic pump control 1 unit twenty (20) inches filter housing with 1 micron filter 1 unit 12 GPM ultra violet lamp</p> <p>electrical control system</p> <p>1 unit control panel box 1 set programmable logic control for system auto and manual operation and alarm</p> <p>application:</p> | | |