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Water Supply pump & Supply connection systems with Iron removal pump dosing systems

A. Water Supply Pump Description

- 1 Supply, fitting & fixing horizontal split casting centrifugal pump suitable for operation at 415 volt, three phase power supply with totally enclosed fan cooled motors with 1.P 55 protection with control panel with star delta starter, contactor timer phase preventer, dry run preventer voltmeter, ammeter with selector switches indicating lamp MCB etc, all completed.

Q-25 Ips Rate to include manifold pipe in pump house including necessary sluice & non-return valves & pressure gauge.

B. Iron Removal Pump

- 1 Supply, Delivery, Install & Commissioning of oxidation chamber : 90m³/hr consisting of a MS pressure vessel with frontal pipeline along with internal distribution and collecting system with MnO₂
- 2 Supply, Delivery, Install & Commissioning of Dual, Media Filter / Multigrade Filter cap : 90 m³/hr consisting of MS pressure vessel with frontal pipeline CI Butterfly valve, pressure gauge, sampling cocks provided with internal distributing & collecting system with one charge of graded gravels filtering media details.
- 3 Electronic Dosing System complete with tank & Dosing pump compatible with rated capacity.

C. Internal Fittings

- 1 Sluice Valves Chamber
- 2 C.I sluice valve with flanged conforming IS - 14846 having cast iron components to grade 14 of IS - 210-1950 solid forged bronze inside screw etc.
- 3 Supply fitting and fixing peet's valve fullway gunmetal standard pattern. (tested to 21 kg/sq cm)
- 4 CI double flanged non-return valve in complete
- 5 spun pipe with flanged with nut, bolt etc
- 6 CI double orifice type air release valve
- 7 Highly sensitive water meter
- 8 ISI marked wash out valve.

250mm th Boundary Wall with R.C.C. Column 30^m c/c

