

satisfactorily functioning of the entire installation of pumping station that is largely dependent on the Motor Control centre and power distribution.

- B. The Motor Control Centre specification to be read in conjunction with the following drawings and other relevant product sections.
 - a. Typical Arrangement of MCC
 - b. Single Line Diagram of MCC
 - c. Legend and Load Schedule
 - d. General Notes
- C. The Motor Control Centre shall be designed to perform in harsh conditions providing high level of reliability that attribute to:
 - a. Minimal failure
 - b. No dangerous fault
 - c. All time availability
 - d. Easy accessibility
 - e. Local/Remote control and monitoring
 - f. Improved periodic maintenance and check
- D. The Motor Controls, Contactors, Power Monitors, Transformer, Control & Monitoring Devices, Instruments and Electrical Connections etc. that guarantees overall dependability.

1.3.12.1 Incomer Sections

- A. Each Incomer Section shall consist of:
 - a. 4 Pole ACB/MCCB
 - b. 3 Pole MCCB with solid neutral link as ADCC cut-out for Incomer up to 100 A
 - c. 3X Voltmeter 96X96, 240 degree scales for mains bus voltage live indication.
 - d. Power Monitor
 - e. Phase failure/phase sequence for sensing mains bus voltage. The trip contact wiring to be carried out to isolate all motive loads excluding main