

The Contractor shall provide an integrated design on single point responsibility covering Control rooms design, HVAC, Firefighting, Lighting, Architectural finishes and associated civil works, Video wall paneling, Color coordination, Acoustics, Human factor Engineering complying ISO 110064, Firefighting for a modern state-of-the-art control room and its adjacent areas.

The Control Room design shall take into consideration the control/operation/monitoring devices being employed and the relevant international standards shall be followed as applicable.

For instrument cable entry to Control Room, contractor shall provide MCT frames for cables from field/sub-station to control room with MCT blocks and accessories.

Vendor to ensure that the control room shall have sufficient space for accommodating all the equipment, seating arrangement as required, panels/devices and any other item etc. Also sufficient space for the movement of personnel to be ensured inside the control room. The details-design/layout shall be reviewed and approved by NTPC during detail engineering.