

Cooling Tower and Cooling System Main Components

- Cooling Water System
- Cooling tower, basin and cold water channel.
- Cooling water sump
- Cooling Water Pumps and pump station.
- Cooling water treatment plant and building consisting of H₂SO₄ storage and dosing, chlorination, side stream filters, formulation dosing, polymeric dispersant dosing, biocide dosing and bio-dispersant dosing.
- Electrical sub-station, relays, panels building
- Cooling water piping (above ground and under ground)
- Roads, storm water drains, culverts along the roads
- Micro-grading
- RCC pavement
- Crossings (culverts, bridges, sleeves etc. as applicable) of underground services below roads / approach roads for all services drains, Fire Water lines, Cooling Water lines, Drinking Water lines, Waste Sewers etc.
- Pipe sleepers/track
- OWS, sanitary sewer system, drinking water system and piping works.
- Hydrant network
- High Velocity automatic fixed water spray (deluge system) including QBD detection system
- First Aid Fire Fighting equipment and landing valves (with hose reels and hose-boxes) in sub-station, chlorination building and other areas.