

T/2454405/2022

Rectification & upgrading of SCADA System & RTU at Samail, Sur & Buraimi STPs & Pumping Stations and lifting Station

SCOPE SYNOPSIS

- Supply, installation and commissioning of central standalone SCADA server (Raid 1) and 2 nos. of client stations (workstation PCs) in Samail, Sur & Buraimi STPs control room as per system requirement for latest version of SCADA.
- The contractor shall supply and install the necessary material for completion of work, like cabling, wiring, conduits, trays, and connector etc. required for upgrading of SCADA, RTU, HMI & PLC system in Samail, Sur & Buraimi STPs
- The contractor's scope includes the necessary SCADA (include development & runtime), IO count license & client licensing in Samail, Sur & Buraimi STPs.
- The contractor's scope includes SCADA necessary graphics pages of full STP, pumping station, lifting station, Dewatering system, mechanical screen, SBR plant, recycle pump, waste pump & Trend, report and alarms as requested by Haya in Samail, Sur & Buraimi STPs.
- The contractor scope includes SCADA necessary hardwares, software, cables, switches & licensing for interfacing of Lifting station, pumping station, Sand filter system, Dewatering system, SBR plant, recycle pump, waste pump, mechanical screen and data mapping control & monitoring in Samail, Sur & Buraimi STPs.
- Contractor's scope includes all necessary works for replacement, supplying, installation & commission of UPS requirement for SCADA system (of typically 1.5 KVA), all RTU (to be replaced with same existing DC UPS and Samail replaced with same existing type) & upgrade of existing lifting station and pumping stations to proceed with new SCADA integration in Samail, Sur & Buraimi STPs.
- Contractor's scope includes Supply, Installation, Testing and Commissioning of 9 inch HMI for all RTU in Samail, Sur & Buraimi STPs. Any RTU at site, HMI to be install inside panel.