

Yorkshire Water Electrical and Mechanical Maintenance

Value; £3m per annum

**Contract; Electrical & Mechanical
Maintenance**

Term; 5 years

Location; Various

Description:



Morrison provided a 40 strong team of apprentice trained craftsmen to work on all Yorkshire Water installations. 24hrs 365 day, 2hr Emergency response covered 1,500 installations.

A back office team undertook work planning and scheduling, including Electrical and Mechanical Engineering Managers for technical support and a Procurement section for all material requirements and Job Costing.

A close working open relationship was maintained with the client, utilising common systems, open book accounting in a Partnership approach designed to derive benefit to all, through common objectives.

Having achieved the initial contract aim of a successful TUPE transfer (with improved service delivery and customer satisfaction), the partnership focus moved towards driving down unit costs through improved efficiency.

Water

Key Benefits

- To offer a “one stop shop” for customer contact.
- Improvement in levels of service
- To reduce breakdowns through effective planned maintenance and vibration monitoring of critical plant.
- Achieve a measurable cost reduction.
- Accurate job costing to individual plant items.

Example of a specific site

- Engineering services for clean water supply and distribution, treatment works and pumping stations
- Engineering services for waste water treatment works and pumping stations
- Engineering coverage 24/7
- Design of modifications to existing water and sewage treatment works, pumping station controls and equipment
- Installation of modifications to existing treatment works and pumping station controls and equipment
- Minor refurbishment of clean water installations including civil works
- Minor refurbishment of sewage installation including civil works
- Procurement of materials and services across the whole range of goods
- Total individual job costing and reporting
- Engineering services for borehole installations
- Engineering services for river installations
- Vibration, monitoring, analysis and reporting on critical plant
- Oil sampling and reporting on critical plant

Clifton Moor Sewage Pumping Station – Refurbishment of Sewage Pumping Station

Design and installation of new pumping station to replace obsolete plant and equipment at Clifton Moor SPS, including pumps, controls & civil works with minimum disruption to sewage pumping.

Pump Replacement

Replace two centrifugal shaft driven pumps with dry well installed submersibles.

Pump Controls

Replace two control panels with new control panels conforming to WIMES standards and YWS standards, including connections to regional telemetry systems (RTS) all wiring conforming to 16th editions.

Civils

Remove existing pump stools and replace with new pump stools. Excavate rising main to fit tanker point to allow tanker access and over pumping when required.