

M&E Maintenance

Yorkshire Water



Various Locations

Term: 5 years

Value: £3m per annum

Morrison Utility Services provided a 40-strong team of apprentice trained craftsmen to work on all Yorkshire Water installations, 24 hours a day – 365 days per year in a two hour emergency response time covering 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 for 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.

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 on 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 river installations
- Vibration monitoring, analysis and reporting on critical plant
- Oil sampling and reporting on critical plant

Clifton Moor Sewage Pumping Station – Refurbishment

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

Pump replacement

Replacement of two centrifugal shaft driven pumps with dry well installed submersibles.

Pump controls

Replacement of two pump 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

Removal of existing pump stools and replacement with new pump stools. Excavation of rising main to fit tanker point to allow tanker access and over pumping when required.

