

Severn Trent Water AMP 4 Sewerage Framework Contract. (2005 – 2010)

The company has over 30 years experience in main drainage & sewerage. The AMP 4 sewerage framework contract follows our successful AMP 3 framework (2000 – 2005) and is a partnering contract enabling Severn Trent to benefit from the company's experience and expertise, develop options and alternatives, assess buildability and identify best value solutions.

The contract is valued at approx £8.5m annually with up to 25 individual schemes carried out from £50k to £2.5m each year. A key requirement is that the contractor undertakes the programme management of all schemes within the full 5 year programme, incorporating information from designers and third parties, enabling efficient management of resources and providing a consistent workload.

Project management of all schemes also includes a comprehensive Risk Management process as well as the use of a bespoke Key Performance Measures review procedure.

The work carried out includes; flood relief schemes, detention tanks, pumping stations, pipelines & rising mains, sewers & culverts in open trench, shaft sinking & pipe jacking, directional drilling and auger boring, CSO chambers and screen installations, first time sewerage schemes and requisition sewers.



The majority of the work is carried out in busy highways in urban and town centre locations to solve flooding and sewer dereliction problems and consequently has a large highways interface including;

- Road and footpath construction and reinstatement including 3 year maintenance responsibility.
- Maintenance of access to properties, provision of temporary accesses and management of on street parking.
- Establishment of safe working zones and workforce protection measures.
- Extensive traffic management, traffic control signing, diversions and closures.
- Establishment and maintenance of pedestrian routes.



continued

Severn Trent Water AMP 4 Sewerage Framework Contract. (2005 – 2010) (contd)

- Extensive liaison with highway authorities engineers and inspectors including serving notices, programming closures and diversions and inspection of reinstatements
- Location, protection and working around Utilities mains and services and management of Utilities diversions

Due to the urban location of many of these schemes, the impact on the public can also be significant (both residential and commercial). A high profile customer care strategy is adopted on all sites to inform affected parties, identify and mitigate impacts where possible, provide continuously updated information, undertake regular contact and liaison and obtain post contract feedback from the public on performance.



An example of the value engineering benefits to Severn Trent from our early involvement is the recently completed **Malvern Flood Alleviation Scheme, Malvern, Worcestershire. £2.5m**

Part of the scheme required the incorporation of foul water detention capacity of 4,500m³. The outline design was for large pre-cast culvert units to be provided on-line of an existing sewer in open land.

We investigated a number of alternative solutions and proposed an on-line in-situ reinforced concrete detention tank. This was accepted and resulted in a saving to the client of £200k.

