



Membrane Bio-Reactor Installations

Date: Nov 2004 - Nov 2007

Contract Value: £743,000

Contract Summary

Complete Design & Build of 2 No. wastewater treatment facilities - Rathfriland WwTW and Irvinestown WwTW—to comply with urban wastewater directive, whilst maintaining continual operation of existing works during construction phase & demolition of existing works upon completion of new works performance testing.

Contract Specifications

TES were subcontracted to provide following scope of works:

- Participation in Value Engineering & implementation of outputs
- Participation in Hazop Study & implementation of study outputs
- Provision of complete ICA to include FDS production, software development, implementation, factory & site testing & commissioning.
- Procure & install new inlet works to include FFT & “Formula A” flow control, ace screeners, screen dewatering and flow transfer to WwTW.
- Storm tank system to include all necessary outlet weirs, overflows and tank cleaning units.
- Process air pipework & controls to include FBDA & Coarse aeration
- RAS & SAS Process pipework, pumping & controls
- Permeate & sodium hypochlorite process pipework & controls
- Installation of membrane units, including guiderails & soleplates
- Installation of complete membrane sludge thickening system
- Design, manufacture, installation & commissioning of Motor Control Centre incorporating intelligent controls.
- Design, supply & commissioning of Profibus communication networks to include network architecture, hardware installation and software integration.
- Provision of SCADA & telemetry installation
- Design, procure, install & commission all building & site services.
- Complete MEICA functionality testing & commissioning.

Client

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Contact

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