



**As a framework contractor to the Environment Agency (EA), ECS Engineering Services has won the contract to replace the lock gates at both Marlow and Romney locks on the River Thames. The project will include the design, fabrication and installation of the new lock gates and will be completed by the end of the year.**

The existing lock at Marlow was rebuilt by the Thames Conservancy in 1927 and since then the only improvements have been routine maintenance work and the addition of electrical power to make gate operation easier.

Romney Lock was opened on the present site in 1797 and built of oak, but it was later rebuilt by the Thames Conservancy in 1869 and the weir was rebuilt further upstream at the beginning of the 20th century. The lock was rebuilt again in 1979/80 and this structure has continued to be maintained by the EA over the years.

# Romney & Marlow lock gates

# Case Study: 023 Romney & Marlow lock gates



Under BS EN 1090, both sets of lock gates will be CE certified and installed by the experienced ECS engineers.

The new lock gates will be designed by ECS, according to the specifications provided by the EA, constructed at its new 50,000 sq ft premises at Huthwaite and then installed by the experienced ECS site engineers. Under BS EN 1090, both sets of lock gates will be required to meet CE certification standards for fabricated structural steelwork, a standard for which ECS has already received accreditation.

Clark Williamson, Commercial Director at ECS, comments "This project continues the work by the EA to improve the reliability and safety of the lock complex on the River Thames, which has seen similar work carried out at Grafton, Iffley, Abingdon and Old Windsor. It is very important that these lock gates are secure and reliable to ensure that all those who spend time on the river have a safe and pleasurable experience."



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Engineering Services ■■

Water Control ■■ Site Services ■■  
Environmental ■■ Fabrications ■■

