

## PTSG contracted at Canada Water

3 years ago



Premier Technical Services Group Ltd (PTSG) has been contracted to provide specialist electrical services at Canada Water on the south bank of the River Thames.

Covering 53 acres, British Land's site at Canada Water is one of the largest mixed use regeneration projects in London. The Canada Water Masterplan is expected deliver up to 3,000 new homes, two million square feet of workspace and one million square feet of retail, leisure, entertainment and community space including proposed health and social infrastructure, and educational uses for all ages. Outline planning permission for the scheme, including detailed consent for the first three buildings, was received in May 2019.

Engineers from [PTSG Electrical Services Ltd](#) have been contracted to deliver a new lightning protection system at the development. This will safeguard buildings and people in the event of an electrical storm.

In 1752, Benjamin Franklin is believed to have flown a kite in a thunderstorm to prove that lightning was electricity. Contrary to popular belief, hot weather and thunderstorms do not automatically go hand in hand. Analysis of the Oxford data shows that particular weather conditions such as "Spanish plume events" – south-easterlies bringing warm air from the Iberian plateau – are better predictors of thundery days for southern England, and that possibly the reduction in thunderstorms in the last decade is associated with a reduced frequency of these kind of weather patterns.

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