

ROYAL BOTANICAL GARDENS



THE CUSTOMER

The famous Royal Botanical gardens at Kew is a UNESCO World Heritage site. The botanical collections include over 50,000 living plants. The Lower Nursery at Kew is a fit-for-purpose collection of large greenhouses, shrouded from public eye by an unprepossessing fence.

But this is the beating, climate-controlled heart of the Royal Botanical Gardens. It is here that the rarest plants in the world are brought from far-flung climates. Mysterious specimens are gently coaxed into flower and seed over the course of decades and new plants are grown to fill the displays in the public glasshouses. This is where life begins. As winter draws in and the summer crowds abate this is when these life support systems of heating, misting and irrigation are most critically required.

THE CHALLENGE

A critical heating failure occurred in early November 2019, with the world's largest collection of extinct and endangered species at risk. Cold frosty nights heightened the emergency.

The Kew Project Management team called on Birdsall for help. We needed to quickly deliver temporary heating at the level required? How quickly could we react? Immediately. What could be done? Our response, simply "Whatever it takes".

“ ...BIRDSALL DELIVERED PROMPTLY WHEN IT REALLY MATTERED ”

PROJECT MANAGER AT ROYAL BOTANICAL GARDENS

"BIRDSALL'S RESPONSE TO OUR EMERGENCY WAS FANTASTIC. THEY DELIVERED PROMPTLY WHEN IT REALLY MATTERED. I CAN'T RECCOMEND THEIR SERVICES ENOUGH."

PROJECT MANAGER AT ROYAL BOTANICAL GARDENS

THE SOLUTION

We determined a temporary heating solution was the only feasible option in the short term. Through our valued partners in our supply chain we were confident we could deliver our promises in a short space of time in. We installed a temporary container plantroom. The plantroom included an Ideal boiler, pumps, controls and flexible pipework.



Delivery of temporary plant room



Temporary plant room installed & connected

THE OUTCOME

By 6pm in the evening the plantroom was connected, commissioned and operational within just 24hrs of the initial call, delivering the vital heating.

A loud collective sigh of relief echoed across the Kew Estate. This Climate controlled life support system was operational once more!



Temporary plant room operational



Climate controlled gardens



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