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LSE ROSEBERY HALL HEATING PLANT REPLACEMENT

Client	London School of Economics
Consultant	Mott MacDonald
Contract	London School of Economics Rosebery Hall's
Contract Value	£559,007.49
Contract Duration	12 weeks
Completion	September 2016
Works Description	<p>This project was based in London at London School of Economics Rosebery Hall Student Residents.</p> <p>Rosebery Hall is an occupied premise for higher education with offices and bedrooms being continuously used 24 hours a day within two separate buildings. Rosebery Building and Myddleton Building.</p> <p>The works consisted of the heating plant room replacements in Myddleton Building and Rosebery Building.</p> <p><u>Myddleton Heating Plantroom</u> The works consisted of the complete replacement of all existing heating and Hot Water plant and pipework within the plantroom which consisted of the following:</p> <ul style="list-style-type: none">• 6 No. Gas Fired Boilers• New Flue System• 8 No. Pumps Sets• 2 No. HWS Calorifiers and Pumps• 2 No. Sump Pumps• 2 No. Supply Fans• 1 No. Packaged Cold Water Booster Set• Dirt Separators• Air Separator• All pipework, valves and pipeline equipment• Full upgrade of the existing BMS. <p><u>Rosebery Heating Plantroom</u> The works consisted of the complete replacement of all existing heating and Hot Water plant and pipework within the plantroom which consisted of the following:</p> <ul style="list-style-type: none">• Plate Heat Exchanger

- 6 No. Pumps Sets
- 2 No. HWS Calorifiers and Pumps
- Supply Fan
- Dirt Separators
- Air Separator
- All pipework, valves and pipeline equipment
- Full upgrade of the existing BMS.

In addition to the above, Rosebery Hall is a 24/7/365 day operational building and when not occupied by students, it is used as a Hotel.

Therefore, temporary oil fired boilers were provided whilst the main plant replacement works were carried out to maintain the constant demand for Hot Water.

Upon completion of the installation works, the systems were fully tested before being chemically flushed, dosed before finally fully commissioned and insulated.

The plantrooms were then decorated and Handover.

