

**Institute of Cancer Research
Tumour Profiling Unit**

Client	Institute of Cancer Research
Consultant	Jacobs Engineering
Contact	1180 Eskdale Road Winnersh, Wokingham Reading, England RG41 5TU Tel: 0118 946 7000
Contract Value	£353,866.76
Contract Duration	12 weeks
Works Description	<p>We have been working with Institute of Cancer Research since 2005 and have been the 'Measured Term Contractor' since 2009.</p> <p>The Tumour Profiling Unit consisted of the upgrade and conversion of two laboratory suites to accommodate the end users change in use.</p> <p>The physical change in space was minimal with only minor modifications required to the physical laboratories but the scientific equipment to be located in the space required an upgrade of the HVAC systems.</p> <p>The external 4th floor terrace garden was modified and partial sections of this space was converted into an external Plant compound.</p> <p>A new structural steel support frame was installed with two Air Cooled Chillers sited thereon. The plant was then enveloped within a louvred enclosure and acoustically treated.</p> <p>New chilled water circuit was installed from these chillers to new bulkhead mounted fan coil unit where cooling was provided to the space via a series of fabric diffusers.</p> <p>In addition to the chilled water system described above the following additional works were undertaken:-</p> <ul style="list-style-type: none"> • New TREND BMS system. • Modifications to existing supply and extract ventilation. • Modifications to the existing LTHW systems. • Installation of new Sub Mains to Chillers from Essential distribution. • Modifications to small power and lighting. <p>Upon completion of all installation works the systems were fully tested, commissioned and handover with success.</p>

