Project Fact Sheet

**Name:** Commonwealth Building Infrastructure  
**Location:** Commonwealth Building  
**Number:** HMCW0505  
**Stage:** In use (in defects)  
**Project Champion:** Nick Roalfe  
**Project Director:** Roy Dickerson  
**User Co-ordinator:** Steve Fox  
**Project Manager:** Martin Smith  

**Project Brief:**

The existing building infrastructure has remained largely as originally installed, circa 1960. The intention of this project is to replace the central plant and distribution systems, enabling local connections to be made by future refurbishment projects. The intention of the works is to upgrade the HV electrical supply which connects to the Scottish and Southern Energy network, originating at their White City switching station. This will provide a secure and resilient electrical supply based on the anticipated future load for the building.

The heating and hot water currently served from ageing steam calorifiers is to be replaced with energy efficient steam based systems. There is a large number of existing direct expanding air conditioning systems which will be systematically replaced by refurbishment projects who will draw their cooling requirements from central chilled water plants and distribution networks.

The project will also undertake a number of minor ancillary systems installations comprising natural gas, liquid nitrogen, toilet ventilation and fresh water storage. The outcome of this project will be the provision of robust, resilient and energy efficient infrastructure systems.

For more information please visit [http://www3.imperial.ac.uk/buildingprojects/engineering/](http://www3.imperial.ac.uk/buildingprojects/engineering/)

**Construction Project Team:**

- **Project Manager:** GTMS  
- **Architect:** Berman Geddes and Strettman  
- **M & E Engineer:** Hoare Lee  
- **Structural Engineer:** Curtins  
- **Contractor:** Modus  
- **Mechanical Contractor:** M.J.Lonsdale  
- **Electrical Contractor:** W&L  
- **Cost Consultant:** GTMS

**Project Facts & Figures:**

- **Budget:** £ 5,000,000  
- **Funding Source:** SRIF III

**Construction Project Programme:**

- **Start on Site:** January 2007  
- **End Date:** November 2007

For further information contact Project Manager as listed above or Imperial College Projects Information Manager [lwatt@imperial.ac.uk](mailto:lwatt@imperial.ac.uk) 020 7594 8985