

## SCHEDULE PART 8

### Part 7 : Thermal and Energy Efficiency Testing Procedure

#### 1 Thermal Efficiency

- 1.1 Project Co will monitor the thermal efficiency of the facility through a combination of measurement data derived from the BMS and physical monitoring undertaken by Project Co personnel.
- 1.2 Project Co will configure the BMS (in accordance with its capabilities detailed in the Contractors Proposals) to provide complete continuous internal thermal data on a zone basis within the facility. The BMS will also be configured (in accordance with its capabilities detailed in the Contractor's Proposals) to trigger automatic alarms if maximum or minimum temperature thresholds are exceeded in any zone monitored by the BMS.
- 1.3 Project Co personnel will measure, using calibrated instruments, the internal ambient temperature in degrees Celsius of an indicative sample of Functional Units, to be agreed with the Board, in accordance with the monitoring process detailed in the Schedule Part 14, Part 2 Utilities and Energy Efficiency Method Statement.
- 1.4 In the event that the measured internal ambient temperature exceeds maximum or falls below the minimum permitted temperature thresholds Project Co personnel will log the Failure Event with the Estates Management Service Helpdesk and initiate corrective action in accordance with the Response and Rectification times prescribed in the Schedule Part 14. The data recorded for each sample Functional Unit in the event of a Service Failure Event will include but not be limited to the date, unit reference, time measurement taken, internal ambient temperature measurement in degrees Celsius, serial number of measurement instrument, suspected cause of internal ambient temperature exceeding permitted thresholds, action required to bring internal ambient temperature within permitted thresholds, internal ambient temperature in degrees Celsius at Rectification of the Service Failure Event.

#### 2 Energy Efficiency

- 2.1 Project Co will regularly monitor utility meter readings in accordance with [the Schedule Part 8, Part 3 clause 6.3.1] and compare utilities consumption against predicted, or historic, consumption levels. This will permit abnormal consumption patterns to be identified and action if appropriate to be taken.
- 2.2 Project Co will produce in accordance with [the Schedule Part 8, Part 3 clause 6.3.1] monthly and annual energy reports for submission to the Board, in a format to be agreed no later than six (6) months prior to Service Commencement. The reports will include but not be limited to details of the monitoring process, utility meter readings and energy consumption for each utility service on a consumption against target basis.