

## Control Centre Forth Road Bridge, South Queensferry

RSP Consulting Engineers LLP were involved in the feasibility, design and implementation of the new External Security Facility at the Scottish Parliament Building in Holyrood, Edinburgh. The project involved close liaison with the Client and various Stakeholders such as the Parliament Security team, to ascertain their exact requirements in accordance with the security advice they had received. The new facility required to be completely separate from the existing building but still relate to the original design concept of the Parliament building.

The design comprised the full M&E services design including heat, ventilation, security and fire detection. The systems had to be designed and installed to ensure the building integrity in the event of an external threat.

The security design included various interlocks and controls to enable the entrance facility to be lockdown and the building to maintain a secure perimeter.

The testing and commissioning phase of the project was carried out to ensure that all the possible security scenarios was programmed correctly and were fully operational on the first day of the building operation.

The project was successfully completed and opened for public use in 2014.

