



Market Sector
Site
Client
Main Contractor
Engineer
Architect
Duration
Value

**Commercial, Public, Municipal, Hi-Tech
Extension to British Library Sound Archives, Euston
British Library
Sir Robert McAlpine
Arup
Long & Kentish
22 weeks
£1.50m**

Description

We were engaged to construct an extension to the British Library where sound recordings can be archived. The scope includes demolition, drainage a spilt level RC basement, and groundworks, together with superstructure concrete works of columns & beams and toppings to the steel frame.

The basement construction was interesting as it forms the sound recording studios where archive material will be transferred to digital media. It is designed to be as sound proof and vibration free as possible. With the LUL close-by this meant that anti-vibration measures where required. In effect we constructed a series on RC boxes which sat on special rubberised bearing pads These sound rooms are pods inside the new structure and we had to develop some specific formwork support methods to construct the slabs/soffits.