

Media

Case Study



Building Services Design
Consulting Engineers



Turner Broadcasting, London



The Requirements

Turner Broadcasting, a TimeWarner company, wanted a fast-track full office fit out. The 110,000 sq ft offices are the UK home of channels such as CNN and Cartoon Network. The corporate look and feel needed to be reflected in the fit out.

The Solution

BSD provided full M&E services for the fit out. Due to the nature of Turner Broadcasting's business, it was critical for BSD to put measures in place for a continuous supply of electrical services including PLC controlled gas turbines as a back-up power system. In addition, sophisticated lighting controls formed part of the design.

Total Project Value

£5,000,000

Design Team

Architect: Studios

Project Management: Gardner Cann Partnership

Main Contractor: Ibex

“ BSD designed the best solution possible for Turner Broadcasting to ensure that maximum reliability would be achieved in terms of backing up the power. The solution was reassuring to the client, as downtime is not an option when broadcasting television programmes. In addition, BSD's lighting design helped Turner Broadcasting to accomplish a modern and fresh corporate look. ”

Barry Cann.
Partner, Gardner Cann Partnership.

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Project Experience



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Customer: BBC/Johnson Controls International
Total Project Value: £100,000-£500,000 (typical total project values)
The Requirements: Major projects have involved the condition survey of emergency lighting systems at the Maida Vale studios, as well as compliance with legislation
The Solution:

- M&E design
- Project design management
- Contract administration duties
- Specification and project management of the five-yearly electrical testing at the BBC's Media Village, White City, and Elstree Studios
- Design and project management of various other works, including chiller upgrades and sprinkler system upgrades



Customer: MTV, Camden Studios
Total Project Value: £300,000
The Requirements: Studio remodelling and major plant replacements of the iconic former 'TV AM' studios in Camden Lock
The Solution:

- Upgrade of the HV and LV power infrastructure to provide N+1 redundancy to the site's broadcast facilities
- Installation of a second 1MVA transformer and diesel generator connected to a new PLC logic-controlled essential and non-essential switch panels
- Large UPS equipment and comfort cooling equipment
- Replacement of the main chiller
- Feasibility study on the possibility of turning unused studio space into office accommodation



Customer: Warner Bros, London
Total Project Value: £350,000
The Requirements: A new comms room to serve the UK and European operations
The Solution:

- Full M&E design
- Project management
- 200kW cooling plant
- Full UPS protected diverse power system



Customer: Warner Bros, London
Total Project Value: £1,700,000
The Requirements: Refurbishment of numerous floors along with new board room and meeting room suites
The Solution:

- Full M&E design
- Project management of a new staff restaurant
- 20-metre feature LED colour changing light wall