Case Study

Liverpool John Moore University

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Project: Dual Lecture Auditorium Facilities

Project Overview

The Liverpool John Moore University is undergoing a university wide upgrade and revamp of its training facilities, both in terms of aesthetics and equipment levels.

This is being introduced in various phases across the many campuses, initially aimed at the larger flagship lecture theatres but also encompassing many of the standard training rooms as well.

At the Byrom Street Campus were two such large auditoriums in one complex; the first a 240 seat based on an amphitheatre style and the second a rectangular 180 seat auditorium. Both were to receive a complete overhaul in terms of furnishings and technology. However, as well as each acting as a stand-alone theatre utilising all presentational systems, the smaller was also required to act as an overflow to the larger for presentations involving high numbers of students.

LOCATION

Byrom Street Campus, Liverpool

DATE

August - October 2011

PHOENIX STATUS

Tender Selected Integrator

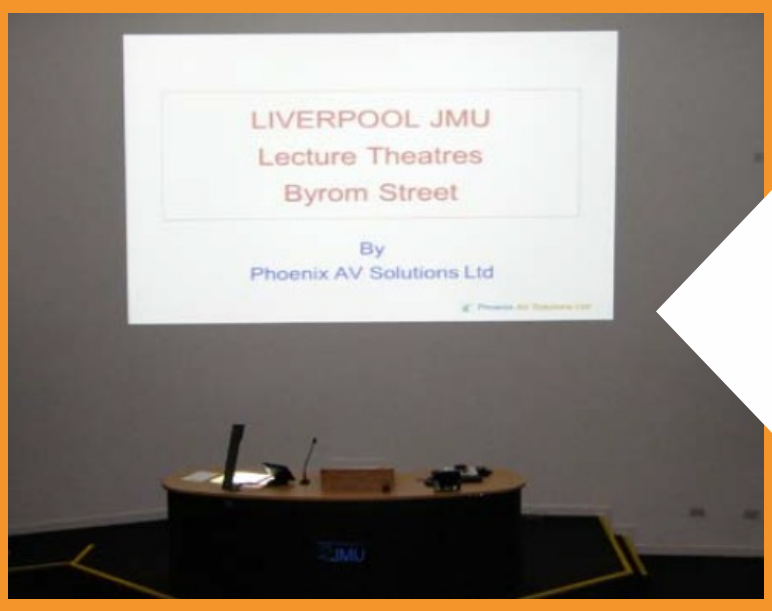
NET VALUE

£72,468.00
(Phase 1 of £250,053.00 total Project)

MAIN EQUIPMENT

- Mitsubishi & Sanyo High Brightness - Projectors with long throw lenses
- Dahlen Lecterns - Extron Control & Matrix Switchers - Samsung Plasma Screens
- Wolfvision Visualisers - Clever Tab Interactive Panels - Sennheiser Microphones
- Extron Amplifiers & Speakers - Elmo Cameras

We may be small, but we make a big impact



Phoenix AV Involvement

The original tender went out to the purchasing consortium registered AV suppliers, not all of whom responded. Of the solutions that were offered, the University felt they did not deliver the requirement to their satisfaction.

At very short notice, Phoenix AV was invited on recommendation from another supplier to the University, to put forward a design through the main contractor Aspect Construction.

An innovative design was offered and accepted by the University Project Team.

Design Solution

From the outset, Phoenix AV were under pressure to design and deliver the solution to meet the new semester launch date.

The final design was based on a single large format, ultra bright projector in each room projecting onto a 5m (large theatre) and 4m (smaller theatre) area of a painted wall.

The main innovation was the ability for the presenter in the large auditorium to be able to take control of and present into the smaller one and took into consideration, the issue of how the students saw and heard the presenters, which needed to be addressed as well as how the presenters would answer the student questions from the adjoining theatre.

Implementation

The centre piece of each stage was Dalen Voyager Lectern, each featuring a ‘CleverTab’ interactive touch monitor along with an Extron Touch Control Panel. The latter allowed the presenter to switch between the in-desk PC or their own laptops, a DVD/VCR player or the Wolfvision VZ-3 Visualiser to show objects and impromptu hand-written notes onto the large screen.

The sound system in each theatre used a combination of Mask 8 and ceiling speakers and was supported with the installation of acoustic panels.

The smaller theatre featured a large Samsung screen either side of the main projected screen. When in dual mode, the students in this theatre would view the main presentation as well as see the presenter from the main theatre via HD cameras on these monitors. The presenter in turn, would also have a view of the second theatre and students via a small lectern monitor and using a desk switch, could activate ceiling microphones to allow students to ask and answer questions.

Final Solution & Outcome

The projects were completed on time an gave the University their first major refurbished and up to date flagship lecture theatres.

As a result of Phoenix AV’s work, Liverpool JMU offered Phoenix a number of the following projects to complete additional bespoke lecture theatres and training rooms in other campus locations throughout Liverpool.