ABLe CONNECTING COMPANIES

project view

Engineering Research Building

University of Texas Arlington

Project name: Engineering Research Building
University of Texas Arlington

Completion Date: March 2011

Contact Names: Hensel Phelps Construction

Location: University of Texas Arlington

Address: Office of Facility Management
1225 West Mitchell Street
Arlington, Texas 76019

Architect: Freese Nichols

IT Consultant: Datacom Design

Project overview

ABLe Communications is beginning Phase 2 of the Engineering Research Building at UT Arlington campus. The project requires that ABLe furnish all labor, materials and equipment for a complete, operational Telecomm and Data system for the Engineering Research Building.

The Engineering Research Building's size will come to 230,000 square feet with 38 offices for faculty and post-doctoral research, 18 research labs, and classrooms, conference rooms and support areas.

This project began in summer 2008 with estimated costs of $116 million, according to the College of Engineering Web site. Scheduled completion is January 2011.

The ERC comprises the Engineering Research Building, Nedderman Hall and the ELB, with its newly added third floor and a pedestrian mall. A sky bridge will connect the lab building's third floor to the research building upon project completion.

The building's design incorporates several energy-saving features including green and light-reflecting roofs, window designs for improved use of available light, rain and condensation water capture and storage for landscaping, use of recycled materials, and others that will allow the facility to meet requirements for LEED® Gold certification.

ABLe solution

The scope of work included:

- Furnish all labor, material and equipment for a complete, operational Telecomm and Data system as described by the contract documents.
- Furnish and install all telecommunications panels, outlets, jacks, data ports, communications ports, boxes, cabling, etc. as required by the plans and specifications.
- Furnish and install all racks, ladder tray, cable management, cable tray, panels, etc. in Telecomm Rooms.
- Furnish and install all J-hooks for communications cabling.
- Furnish and install all innerduct required.
- Tie-in to grounding system. Grounding system by Electrical Subcontractor.
- All wiring and cabling required for the telecommunications system is included. Final termination at campus tie-ins by UTA.
- Caulk and seal all penetrations created by or for this Subcontractor including firesafing, firesealing, and sound caulk as required.

Product Solutions

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