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McPhee Electric provides \$11.6 million core and shell electrical for Biogen headquarters: Part of the 1.73 million s/f Alexandria Center at Kendall Square in Cambridge

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McPhee Electric, Ltd. is underway with the comprehensive electrical construction of the first building of Alexandria Center at Kendall Sq., located at 225 Binney St. The facility will serve as Biogen Idec's new executive office headquarters as the company moves from its current facility in Weston.

In a total electrical project contract valued at \$11.6 million, McPhee's project scope includes core and shell electrical construction of the six-story, 310,000 s/f facility, plus custom electrical and communications build-out for Biogen Idec, the global biotech company.

The Alexandria project is being built utilizing a BIM construction platform. McPhee Electric was awarded the project on a design-assist basis. In the preconstruction phase, McPhee assisted in completing design engineering and shop drawings. The contractor also provided real-time cost estimating during design development, as well as recommendations for design alternatives beneficial to the project, and solutions to constructability issues.

The project entails integrating primary power - 13.8kV switchgear and 13.8kV substation transformers - from Biogen Idec's existing co-generation facility in Kendall Sq. The project also includes site work and electrical installations for two levels of underground parking and a cafeteria on the first level.

The NECA Boston Chapter member is managing a field crew of 20 IBEW journeymen and apprentice electricians throughout the course of the two-year project, which commenced in September 2011 and is targeted for completion in October 2013.

McPhee's project management team includes project executive Thomas Lombardo, BIM director Ryan Giroux, project managers Michael Moran and Kevin Delaney, supervisor Peter Nugent and general foreman James O'Shea.

When complete, the Alexandria Center will be a \$500 million 1.73 million s/f campus, comprised of five world-class, build-to-suit science and technology buildings in the city. The facilities will all be designed to be flexible, modern laboratory and high-tech office settings, integrating a variety of innovative spaces designed to encourage collaboration.

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