

Smithsonian Institution  
Above & Beyond Exhibit  
National Air and Space Museum  
Washington, DC



### PROJECT TYPE

- Construction
- Interior Space Improvement

### PROJECT SPECS

- Pull power from existing panel on 3rd floor
- Provide electrical panel in small shallow closet
- Provide receptacles and outlets for exhibit done by others

RIFE International was contracted to furnish all supervision, labor, materials and equipment needed to add a new electrical panel and conduits/receptacles to supply power to the Above & Beyond exhibit planned to be installed in Gallery 211.



## CHALLENGES

- In order to install a new Intelligent Lighting Panel, RIFE brought in multiple subcontractors to pull power from the 3rd floor to the 2nd floor.
  - » This required multiple concrete penetrations along with core drilling to other parts of the building.
- All equipment had to be installed without disrupting museum patrons, requiring work to be done off-hours at night with security escorts.
- RIFE also had to run conduit through employee-occupied space.
- Shortly into the project, RIFE discovered the new Intelligent Lighting Panel would not arrive in enough time ahead of the exhibit opening.

## RESULTS

- In order to avoid project delays, the RIFE team devised a strategy to design and install a fully-functional, temporary control panel that would provide adequate power to the space ahead of the exhibit opening date. In doing so, RIFE was able to complete all work necessary to make the exhibit space functional and available for public use.
- The installation of the Intelligent Lighting Panel was then coordinated at a later date and installed off-hours without disruption to the exhibit's functionality.
- RIFE was able to complete scope of work in one week versus the estimated 2-month completion time.