

Reference - Cynergy Electric Company, Inc.



ADF-E US12 and US13
The Boeing Service Company
Contract No. 4500205015

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Cynergy was awarded a \$2,258,788.00 contract on March 25, 2013 for the entire procurement, replacement and re-feed of medium voltage cable, medium voltage transformers, medium voltage switches for US12. The project also included for the entire procurement, replacement and re-feed of medium voltage cable, medium voltage transformers and medium voltage switches and 480V switchgear for US13.

The nature of the building's occupants as well as the nature of the facilities operations required a high level of security. All vehicles and contents were subject to clearance, inspection and identification procedures conducted by the ADF Security personnel. All personnel were subject to a security clearance.

Principle features of the project were as follows;

- Extending, testing and termination of 15KV duct-bank cables at W.W. and extending cabling from the quick connect cabinets located in Lower L-Block to the appropriate US equipment
- Testing and certifying the existing 5KV circuit breakers that support US-12 & US- 13 at the respective UTB electrical switchgear
- Installation of new 15KV load interrupter switches
- Installation of new dual voltage primary 13800/4160V 1500/2000KVA dry type transformers 480Y277V secondary
- Installation of 3200amp 480Y277V substation switchgear US-13
- Demolition and removal of existing 15KV switches, transformers and 480V substations

We were responsible for complying with all requirements and actions listed in the project drawings, specifications and SOW. The project required for the existing load feeders to remain energized during the transformer replacements for US-12. Extensive planning and close coordination with the project manager was required. We were responsible to provide all necessary materials, labor and equipment to successfully complete the project and to support cleanup and disposal of all construction debris.