



Tordella Supercomputer Facility

Fort Meade, Maryland



Bell provided general construction for a new supercomputer facility serving the National Security Agency (NSA). One of the largest facilities of its kind in the world, the 183,000-square-foot complex is located on a 25-acre site at the NSA Headquarters at Fort Meade.

Featuring a building skin of precast metal panels and louvers that complement the surrounding area, the tightly secured complex features administrative offices, support areas, and 78,000 square-feet of raised flooring for data processing and supercomputer support.

The total site package included utilities, earthwork, and paving and required 10,000 cubic yards of building concrete and approximately one mile of high-voltage ductbank. The utilities serving the facility feature built-in redundancy and include a 13.8-KV underground electrical service with a total capacity of 29 million volt amperes.

The equipment installation consisted of three 2,000-ton chillers, two 1,000-ton chillers, and 7,000 linear feet of pipe that was prefabricated at Bell's Fabrication Shop. Bell also installed a 500-kw emergency generator.

Client U.S. Army Corps of Engineers

Owner National Security Agency

Contract Value \$41 million

Contract Type..... Firm Fixed Price

Architect/Engineer The Hillier Group