

Summary

Customer

Leading global provider of engineering and construction services

Challenge

Construction of a coal-fired, 660-megawatt power plant at a remote site

Solution

READY!SM To Install

Results

- Helped to hold costs steady, regardless of commodity fluctuations
- Minimized risk of stolen material at the site by holding products in local distribution center
- Reduced cost of ownership
- Enabled customer to adjust material requirements and construction schedule

Anixter's product knowledge, dedicated inventory and just-in-time delivery capabilities provided the contractor with the flexibility to meet changes in construction planning and scheduling.



Customer Challenge

The contractor responsible for construction of a 660-megawatt, coal-fired power plant wanted to cap its costs for raw materials, ensure timely delivery of critical materials and maintain ordering flexibility to respond quickly to changes in construction. To better focus on its core competencies and coordinate the work of the project's subcontractors, the contractor turned to Anixter for help with the sourcing, enhancing and delivering of the cable and materials.

Program Scope

The four-year project was divided into six phases and had more than 1,500 workers on site during the peak of construction. The power plant called for 2.7 million feet of cable in addition to the various support materials required for the project. Anixter procured a variety of power, control and instrumentation cables in a variety of conductors and sizes to address future changes.





READY!™ Deployment Services by Anixter map our distribution and Supply Chain Services to the construction or deployment process of any technology project. We combine sourcing, inventory management, kitting, labeling, packaging and deployment services to simplify and address the material management challenges at the job site(s). READY! Deployment Services by Anixter will help you improve the speed to deployment, lower your total cost of deployment and ensure your product specifications are delivered as planned.

This project called for:



READY!™ To Install is a customized, full-service wire and cable management and delivery program.

Anixter Solution

Anixter reviewed the contractor's material needs and assisted the project's engineering team in developing product specifications and standardizing a bill of materials. Anixter contracted with a metals producer to deliver 900,000 pounds of copper at a fixed price to a cable manufacturer at a fixed date. This ensured the manufacturer received a firm price on the materials as well as provided Anixter and the contractor with the flexibility to meet changing product specifications while controlling costs. Anixter subsequently coordinated lead times for production with select manufacturer partners who supplied the finished products.

Anixter inventoried the finished product in its distribution center for ease of deployment to the job site. Anixter used its READY!™ To Install cable management program to cut, tag by circuit ID and ship cable to the job site. As part of its READY!™ Deployment Services, Anixter's READY! To Install offering is a customized, full-service wire and cable management and delivery program. Anixter provided the contractor with deliveries that met specific phase and location requirements, such as specific reel lengths, tagged cable for easy identification, and location- and time-specific deliveries that eliminated the need to warehouse material at a central location on the job site. Before the materials were shipped from Anixter's distribution center to the job site, Anixter e-mailed the packing lists to the receiver on site to ensure the right materials arrived as planned.

Project Results

Because of the READY! To Install offering provided by Anixter, the contractor was able to meet its construction deadlines. Anixter's product knowledge, dedicated inventory and just-in-time delivery capabilities provided the contractor with the flexibility to meet changes in construction planning and scheduling. Even as the market price of copper fluctuated, the contractor saw virtually no increase in its material costs. By sourcing and purchasing bulk copper before the project, providing a customized, full-service wire and cable management and delivery program, and targeting deliveries to specific build-out phases, Anixter helped the contractor and the power plant better control their total costs for the project.



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