



Establishing a Process Through All Stages

OF A MEDICAL CENTER PROJECT RESULTS IN FINISHING ON TIME & WITHIN BUDGET

Company

DPR Construction

Industry

General Contractors & Self-Perform

Company Size

175

Location

San Diego, California USA

Website

www.dprinc.com

Project for

Palomar Medical Center West

Project Length

38 months

Project Value

\$600 million

On Center Software Solutions

On-Screen Takoff®

Quick Bid®

Digital Production Control®

DPR Construction began in 1990 under the vision of Doug Woods, Peter Nosler, and Ron Davidowski. DPR recognized that construction is a service business with a focus on customer-success at all stages in a project. Doing-it-right the first time is a mantra that the company and its employees live by even as it has grown to consistently rank in the top 50 general contractors in the country. DPR's core market focus includes buildings for advanced technology companies, life sciences, healthcare, higher education, and corporate office structures. With over 6,000 projects completed it is easy to be confident in their ability to deliver quality work within the project window. DPR's self-perform division was created to deliver key elements of projects including concrete, drywall, doors, acoustical ceiling, carpentry, light demolition and clean up. The rewards of this include schedule enhancements, budget improvements, project quality, and increased safety. By embracing the technology aspects of construction, DPR quickly recognized the inherent advantages of an integrated solution that delivered results from takeoff to bid to build. The self-perform division was looking for ways to streamline its processes, eliminate redundancy, touch data once, reduce errors, and share information across contractors and locations. On Center Software delivered the right approach with a focus on construction pain points and bottom-line results.

MEDICAL CENTER ADVANCEMENTS

Palomar Medical Center West (PMCW) is a project that has been admired from afar and for good reason. PMCW's focus was on enhancing the patient care through innovative design and technology. The 12-story structure's unique use of nature, light, and space were all designed to enhance healing. The 56 acre campus will expand to meet the developing needs of the community. The project incorporated Lean Construction practices. With foundation work already underway, DPR engaged its self-perform team to tackle the 20 miles of full-height walls with over 750,000 square feet of surface space. The challenges on the job included the fast ramp-up time with only 6 weeks from the time of hire to putting on the first clips before the fire proofing. At project peak there were 249 drywallers on the job with over 600 drywall man-hours.

IMPORTANCE OF AUTOMATION

From the very beginning of the project, automation played an important role in the project. Initially DPR had to go through a reconciliation process with the owner to defend its costs. Using the takeoff and estimation software it was easy to run reports that demonstrate and show the conditions and types of materials. It was very clear to show how everything tied together. Discussions never focused on quantities because there was an electronic basis for the numbers. By using the graphical representations DPR was able to quickly dive into the meaningful discussions with the hospital project manager. The production rate assumptions were reviewed with all trades involved in the project enabling DPR to collaborate. Each floor became its own project and teams tackled the job cost and tracking systems by area by floor. The critical path on the job changed as different issues came up and DPR was able to respond because of the automation it leveraged.

By walking the 20 miles of wall on a regular basis and incorporating the observations into the automation solution, DPR stayed on top of a very complex fast-paced project. DPR managed the project with confidence and successfully delivered it on time and within budget.

CYCLE OF SUCCESS

DPR makes collaborating on projects significantly easy and valuable. DPR employs a feedback loop that happens during the post analysis meeting to bring project results into the front end of the next project. A continuous cycle of improvement is what sets DPR apart. They take on the tough projects and make it manageable and smooth for the owners. With a focus on integrity, enjoyment, uniqueness, and pride, DPR delivers consistent top-quality work.

On Center Software, Inc., is a privately held company providing software and training to construction industry professionals for over 28 years. Located in The Woodlands, Texas, the company's mission is to transform the takeoff, estimating, and labor-tracking experience with comprehensive software solutions that turn winning bids into profitable projects. On Center Software solutions include On-Screen Takeoff®, Quick Bid®, and Digital Production Control®. Customers in the United States, Canada, Australia, New Zealand, United Kingdom, South Africa, and 60 other countries around the world leverage On Center Software's internationally recognized solutions. For more information about On Center Software, call 866.627.6246 or visit www.oncenter.com.