INEIGHT

AECON USES INEIGHT SOFTWARE FOR FACT-BASED ESTIMATING

Aecon is Canada's largest publicly traded infrastructure development company and is in the business of solving client needs and accomplishing work more efficiently. This 140-year-old company, which is responsible for some of Canada's most important and renowned infrastructure, realized that using paper-based estimating tools was putting it at a competitive disadvantage.

THE CHALLENGE

Aecon's skilled estimators were spending far too much time on mundane estimating tasks and not enough time developing a greater understanding of the actual bids. In fact, estimators would take anywhere from a half-day to nearly a week to set up a bid in the traditional manner. Aecon needed a cost estimating solution that would enable it to gain more intelligence about a prospective bid in less time, while also achieving consistent and fact-based cost breakdowns.

THE SOLUTION

Aecon's partnership with InEight began several years ago when its leaders saw the future of the industry and the need for implementing digital technology to remain competitive. The company used InEight Estimate's Bid Wizard functionality to increase its estimate entry efficiency. Not only is Bid Wizard saving Aecon valuable time, but it's also helping estimators gain intelligence about specific bids in minutes. Work scope is quickly sorted by type of work, and Rough Order of Magnitude (ROM) costs and selling prices, plus man-hours, quantities and specific crews required for each scope are summarized.

Furthermore, field superintendents are seeing strong correlations between how the job is being built, and how it was built in the estimate.

THE OUTCOME

When Aecon examines the benefits of InEight's project cost management solutions, it sees huge savings in both time and money. Bids using traditional methods took anywhere from a half-day to almost one work week to create. Now with the Bid Wizard tool inside InEight Estimate, estimators can create bids in minutes. Breaking it down further, Aecon was able to save as much as 4 ½ days to set up each project. Thus, it could refocus up to 3,000 estimator hours per year toward analysis of the bids, rather than toiling at mundane bid setup tasks. Instead of spending hours, if not days, trying to gain intelligence about a prospective bid, it's now done in minutes.

Aecon

Industry
Infrastructure

Location
Canada

Solution
InEight Estimate

> " We bid work all over Ontario and across Canada. InEight Estimate allows us to swap out whole resource tables, one for another, just with a few mouse clicks, and that saves a lot of time. "
> *Mike Albani, Vice President of Estimating, Aecon*

Learn more about InEight at www.ineight.com

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8 TIPS FOR SUCCESSFUL CONSTRUCTION COST

Successful construction projects start with accurate estimating. The best estimating software gives you the data to analyze your risks and turn a profit. Here's how InEight Estimate supports you from bid to project execution.

1 Top-down and Bottom-up Estimating
Work with software that supports both conceptual and detailed estimating so you can transition from early-stage to detailed estimates.

2 Use Historical Benchmarking
Create more accurate estimates with a library of searchable historical data. Validate against actual costs, productivity rates and quantities.

3 Incorporate CPM Scheduling
Work with your schedule, not against it, thanks to integrated cost and scheduling functions. Get a time-phased view of costs, resources and cash flow.

4 Integrate With Project Controls
Reduce inefficiency and lost data by making estimates immediately available to field teams at a level of detail that makes sense.

5 Manage Change Orders
Don't let scope changes eat away at your profit margin. Input changes into the working budget, and compare forecasts to include or exclude pending changes.

6 Earned Value Management
Integrate your estimating, field execution and earned value management systems. Make better plans and forecasts with a bigger picture of project progress.

7 Forecasting
Predict your costs with more accuracy, thanks to real-time forecasting data. Share information with relevant teams to identify issues and make instant adjustments.

8 Track Workflow
Keep your organization on the same page with a complete audit log. Invite team members to give feedback and view a history of changes to the estimate.