



PROJECT COST ESTIMATING

ExeVision's Project Cost Estimate Subsystem (PCES) allows estimators to visually create project estimates and "What If" scenarios based on the agency's historical data and compare multiple versions of an estimate. It includes powerful editing functionality enabling the estimator to cut, copy and paste individual items, multiple categories, or entire estimates for rapid and accurate estimate creation and assembly. For agencies which additionally need to create accurate, long-range project estimates and budgets with only a few known parameters, ExeVision's Parametric Estimating solutions (P-PCES) is the answer.

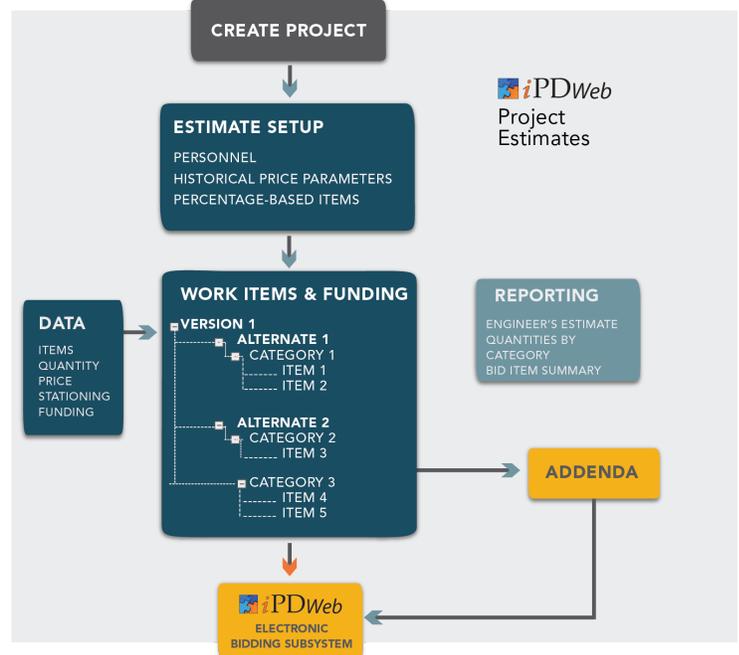
Project Cost Estimate Subsystem (PCES)

The Project Cost Estimate Subsystem (PCES) is built on an intuitive web-based user interface and used by agency personnel to prepare cost estimates, detailing all bid and non-bid items associated with a project. Estimators can prepare detailed cost and quantity estimates for single or combined projects, effortlessly combining multiple projects into a single contract or breaking out projects from a contract with a couple of clicks.

PCES allows users to create categories and add items using an intelligent search with drop down pick lists, enter pricing and stationing information, and review all bid and non-bid items from a single location. Multiple funding sources can also be established with the ability to set triggers and maximum values for combinations of funding codes, and much, much more!

PCES also includes an historical analysis tool to assist project estimators in determining accurate unit prices for items based on historical pricing data. The Item Price Lookup tool allows estimators to establish various criteria that can be used to analyze historical item costs including item history, quantity, bids included (winners or all bids), specific date ranges and contract locations.

After the estimate has been completed, it enters the approval process and the contract estimate information is sent to the Electronic Bidding Subsystem (EBS) where it becomes available for bidding and advertising.



Full Customization

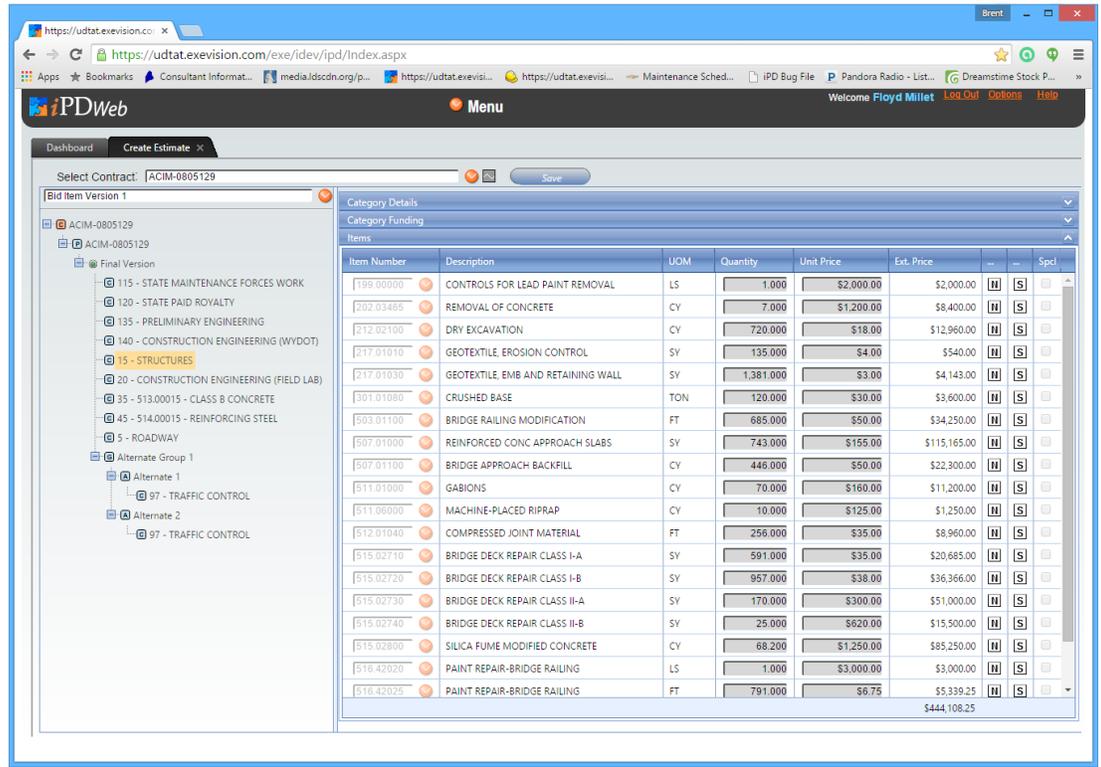
Each transportation agency has its own method and business process for developing estimates. ExeVision focuses on customizing the solution to match the requirements and process flow of the agency's estimators. By tailoring a project development solution for a specific state transportation agency using information gathered in gap analysis meetings, we can fulfill the specific needs and business requirements of that agency. ExeVision's development process allows the newly customized solution to be modified, tested, and implemented quickly. As a lean application with the absence of unneeded functionality typical of a one-size-fits-all solution, the agency gains the benefit of efficient user navigation, enhanced application performance, and the ability for "at-will" solution customization as required.

WEB APPLICATION

Compatibility

While the Project Cost Estimate Subsystem is an integrated subsystem in the IPDWeb Project Development suite, it can be implemented as a standalone system that can interact with other agency and third-party applications. PCES provides the ability to import a list of items and quantities from Excel or various other formats, and is compatible with Hard Dollar, B2W and HCSS. ExeVision also supports a number of different interface methods for exchanging data with other existing agency systems and has extensive experience developing those interfaces.

ExeVision has also developed additional functionality for PCES to allow parametric estimating. The parametric estimating functionality (P-PCES) is designed to start with high-level, long-range planning then transition smoothly to specific items as further information is available to the estimators.



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Natural Interface

The PCES application interface was designed to represent the way users categorize items in their mind. On the left of the estimating window is a visual tree structure that displays the hierarchical structure of the estimate. The hierarchical structure shows the contract as the top node, with sub-nodes showing each level of the estimate including, projects, versions, alternates/options, categories and items. Each node is displayed as a collapsible structure with a click on a (+) or (-) icon, allowing the estimator to easily collapse sections of the tree for easier navigation and visualization of the entire estimating process in one location. All categories and alternate groups along with their associated items, are also represented in the tree structure.

When creating a new estimate, the estimator can use the powerful copy and paste capabilities of the iPDWeb Estimate subsystem to copy a category, an alternate/option, or entire estimate version within an estimate or to another estimate. The cut-and-paste feature can also be used to increase the efficiency of creating a new estimate by developing estimate templates and using them as the basis for future estimates.

About ExeVision

ExeVision, Inc., is the developer of the iPDWeb solution, a comprehensive project development system, fully integrating all functional aspects of road and bridge construction from estimate creation and electronic bidding, through final contractor payment. ExeVision is also the creator of the iCXWeb application, designed to assist contractors in the creation and submission of bids and facilitate seamless bid communication between contractors and the agency. These two solutions provide substantial time and cost savings for the state transportation agencies that have implemented them. ExeVision, headquartered in Utah, has been developing and deploying mission critical applications for over 20 years.

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