



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.

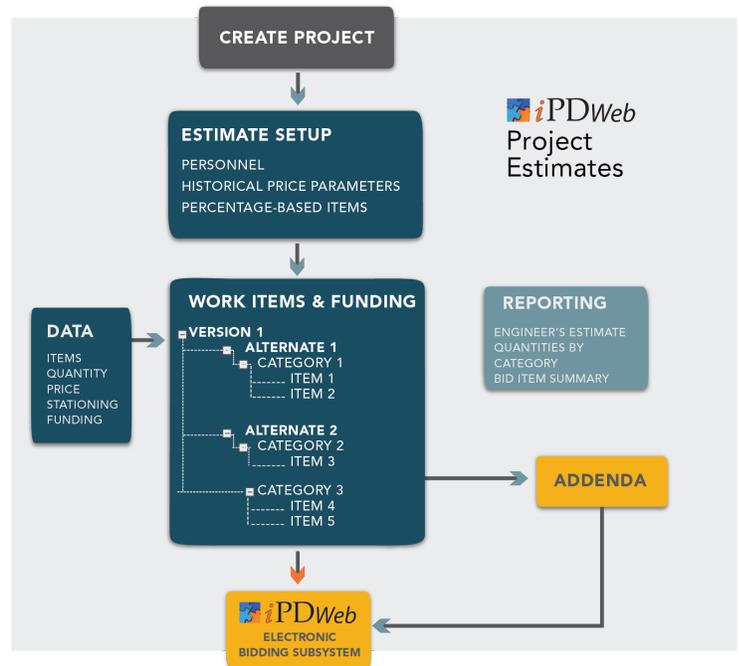
Project Cost Estimate Subsystem (PCES)

As an integrated subsystem of iPDWeb, the Project Cost Estimate Subsystem (PCES) is used by agency personnel to prepare cost estimates, detailing all bid and non-bid items associated with a project. It allows users to add categories and items, enter pricing and stationing information, identify multiple funding sources from simple to complex, and review all bid and non-bid items from a single window.

PCES includes automated tools to assist project estimators in making informed decisions when adding unit prices to their estimates based on historical pricing data. The subsystem allows the estimator to establish various criteria that can be used to analyze historical item costs, including item history, quantity, awarded bid vs. all bids, specific date ranges, and the location of the project.

Estimators can design multiple estimate versions in order to create "what if" scenarios during the estimating process. Moreover, as a robust estimate creation tool, estimators have the flexibility to set up A+B bidding and other specialty bidding requirements like special provisions, auto-calculated items, unique items, lump sum items, etc.

After PCES records pass the approval process, the bid item quantities and prices are advanced to the Electronic Bidding Subsystem (EBS) for bidding and advertising. For agencies that require the creation of accurate long-range project estimates and budgets, ExeVision also offers a full Parametric Estimating solution.



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.

Item Price Lookup

iPD provides the ability for users to review the bid history of an item to help create an estimate price. The "Item Price Lookup" capability allows users to set basic parameters to determine what contracts are included in the analysis, based on bid letting date, location, winning/non-winning bidders, etc. User can also include/exclude individual data points if they are outliers. The system provides the user with statistical measure of the price as well as an mathematical best fit to the item prices based on the quantities used.



Item Price Lookup Graphing

Natural Interface

The PCES application interface is designed to represent the way users categorize items in their mind, using a visual tree structure that displays the hierarchical structure of the estimate. With the contract as the top node, each level of the estimate is displayed as subnodes, including projects, versions, alternates/options, categories and items and 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.

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 25 years.

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