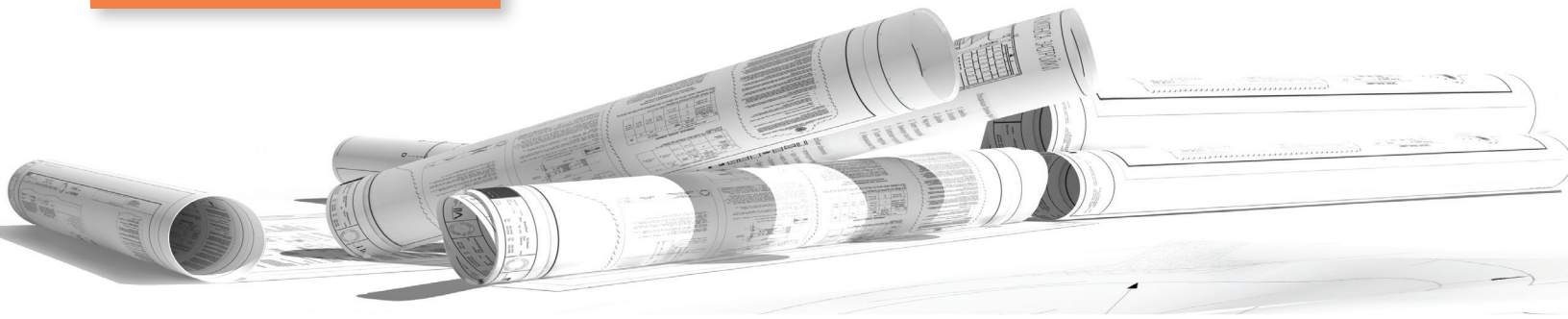


**PROJECT  
PRECONSTRUCTION**



**PRECONSTRUCTION** Estimates • Electronic Bidding • Contractor Submission

ExeVision's preconstruction subsystems provide Estimating, Electronic Bidding, and Contractor Bid Preparation & Submission in an intuitive Web Application. As part of the complete integrated Project Development (iPDWeb™) solution, the preconstruction functionality is supplied by iPDWeb (Estimates and Electronic Bidding), and a web application for contractors—the integrated Contractors Exchange (iCXWeb™)—that simplifies and automates information flow and bid submission between the transportation agency and the contractor. With these web applications, ExeVision continues to focus on optimizing agency resource use and simplifying the bidding experience for contractors.

### Estimating

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.

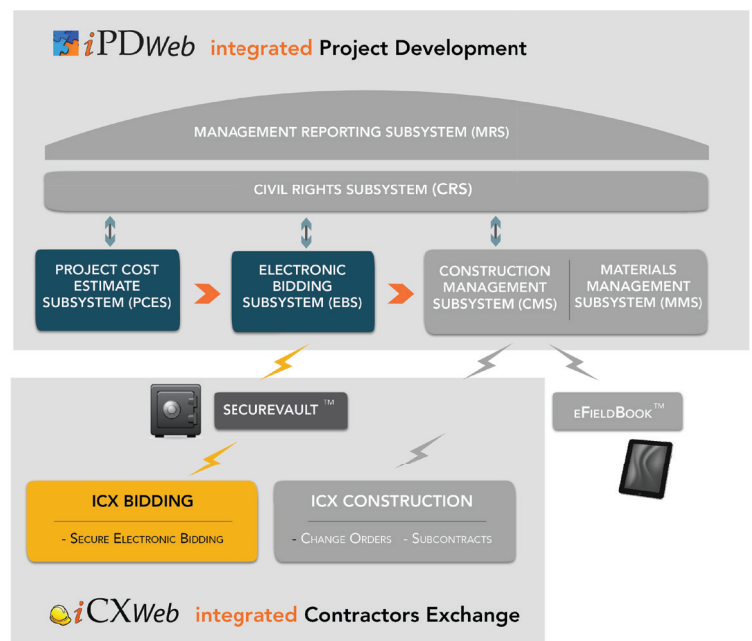
After PCES records pass the approval process, the bid item quantities and prices are advanced to the Electronic Bidding Subsystem (EBS) for bidding and advertising. For agencies that require the creation of accurate long-range project estimates and budgets, ExeVision also offers a full Parametric Estimating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

### Electronic Bidding

The Electronic Bidding Subsystem handles the entire bidding workflow including bid package preparation, contractor bid authorization, receiving and opening bids, and bid award and contract execution.

Included in the pre-bid process is verification that contractors are authorized to bid on projects, displaying this information in a plan holder report or bidders list.

EBS also manages the automated addendum process ensuring a smooth and timely flow of information between the iPDWeb system and contractor's iCXWeb application. At bid opening, EBS tabulates the unofficial bid opening results, creates the bid analysis and unofficial results documentation, and can publish them to the agency's bid opening website with a click. EBS creates a complete bid report detailing all bidders' prices for agency analysis, to determine if the bid information is complete, mathematically and materially balanced, and the prices are reasonable. When the project is awarded, EBS automatically creates the contract documents needed for execution and loads bid item quantities and other related information into the Construction Management System (CMS) after the contract is executed.



## iCXWeb

iCXWeb is an innovative web application used by contractors for the preparation and submission of their bids to the agency. Designed with extensive contractor input, the interface is intuitive and easy to navigate, visually representing the outstanding tasks that are required to submit a responsive bid. These tasks include bid item prices, addendum acknowledgment, certification completion, financial and other document submissions, and electronic bid bond validation. The validation process for required data throughout the bid preparation process ensures that only responsive bids are submitted, saving valuable resources for both the contractor and the agency. Once complete, the contractor may submit or withdraw bids with a click. All submitted bids are digitally encrypted and stored for non-repudiation.

## SecureVault™

The iCX SecureVault services are the vehicle for secure data exchange between the agency's internal electronic bidding solution (EBS) and iCXWeb. When a contractor electronically submits a bid, the SecureVault accepts the encrypted bid and holds it in a secure repository until the date and time of bid opening. The SecureVault provides outgoing information to the contractor's web application (iCXWeb) including bid packages, contractor lists, certified DBE lists, automated addendum updates, current contractor certifications, etc., and receives completed bid submissions from the contractor. As a 3rd party secure vault maintained by ExeVision, contractors submitting bids are assured that their bid information will only be seen by authorized transportation agency personnel, and only after the time and date of the bid opening.

## Always Available

ExeVision provides full cloud-based hosting services for its mission critical project development solutions through Microsoft Azure, including full redundancy, failover and disaster recovery services. The application environment is certified for 99.95% availability and is backed by a Service Level Agreement (SLA) to ensure availability to the agency and their contractors.



TxDOT conducted the largest single bid letting in the history of the State—\$890 million — using the ExeVision's bidding system. Not a hitch, not a hiccup and ***no technical support required***. To date, we've processed in excess of \$50 billion in bids with ExeVision with similar, outstanding results.

- *Scott Nichols (Retired)*  
Texas Department of Transportation

## 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 responsive 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 has been developing and deploying mission critical applications for over 20 years and is a Utah based company.

---

*For more information or a live demonstration at your location:*

Brent McKinley  
bmckinley@exevision.com  
(801) 762-6372

**EXE****VISION**<sup>®</sup>  
I N C O R P O R A T E D  
895 W Baxter Drive  
South Jordan, UT 84095  
www.ipdsoftware.com