



## Comprehensive Project Development

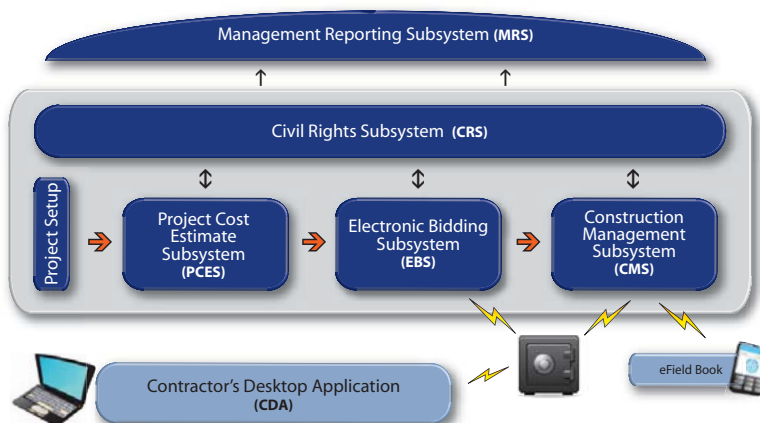
The integrated Project Development (iPD) solution is a comprehensive project management system, fully integrating all functional aspects of road and bridge construction from electronic bidding through final contractor payment. iPD is designed to carefully manage capital asset and infrastructure projects for state and city departments of transportation and federal government agencies. iPD seamlessly integrates end-to-end project management control for project estimating, electronic bidding, construction and civil rights activities.

### Integrated Project Development

Managing your project development responsibilities, including civil rights reporting, just became easier! iPD gives you a multitude of management services such as the ability to share and view real-time project information, generate performance reports, and make knowledgeable timely decisions when it comes to managing your projects.

### Functionality Specific to Your Needs

Each department of transportation has unique, individual workflow and business process needs. ExeVision's business approach provides customers with a customized solution specific to their needs. ExeVision also allows you to maintain the flexibility in the development process and the iPD solution by modifying and adjusting product functionality to meet the changing needs of the DOT or changing regulatory requirements.



### Construction Field Reporting

iPD's field reporting process offers a way to capture daily work activities on handheld devices electronically in the field, synchronize with the contractor pay functionality and get the contractor paid. The information collected is then available to the entire construction project management team.

### The iPD Advantage

- Fully CUSTOMIZED solution to fit YOUR business processes
- NO annual or ongoing license fees
- Fully integrated database - No duplicate entry or import/export
- Documented: 90% process reduction (Utah DOT)
- Automated, integrated civil rights reporting
- Low maintenance/service/enhancement cost
- Real-time project information reporting

### Comprehensive, Integrated Functionality

iPD provides as much or as little functionality as required to meet your DOT project development automation objectives. Solutions are customized specifically for each DOT customer. Major subsystems available for implementation include:

- Project Cost Estimate Subsystem (PCES)
- Electronic Bidding Subsystem (EBS)
- Construction Management Subsystem (CMS)
- Civil Rights Subsystem (CRS)
- Contractor's Desktop Application (CDA)
- Management Reporting Subsystem (MRS)
- System Maintenance Subsystem (SMS)

# Comprehensive System Overview

## Project Cost Estimate Subsystem (PCES)

- PCES Administration**
  - o Workflow Control
  - o Verification and Validation
  - o Automated Percentage-based Funding
- Estimate Setup**
  - o Define Project Information
  - o Set Default of Percentage-based Items
  - o Set Defaults for Price Lookup Criteria
- Estimate Creation**
  - o Bid and Non-Bid Items
  - o Alternate and Optional Bids
  - o Standard Bid Items
  - o Items with Special Provisions
  - o Project-unique Items
  - o Stationing and Stationing Notes
  - o Prorated Funding
- Estimate Pricing**
  - o Historical Price Data
  - o User-defined Default Search Criteria
  - o Search by:
    - Date Range
    - Location
    - Quantity Range
    - Accepted Bids
    - Funding Source
- PCES Reporting**
  - o Estimate Summary
  - o Estimate Price Comparison
  - o Estimate Stationing Summary
  - o Project Cost and Funding Summaries

## Electronic Bidding Subsystem (EBS)

- EBS Administration**
  - o Bid Process Checklist
  - o Award and Proceed
  - o Assignment Order
  - o Project Addenda
- Bid Advertising**
  - o Bid Schedules
  - o Create Advertisements
  - o Publish Advertisements
  - o Pre-bid Meeting
  - o Bid Item Details Review
  - o Bacon-Davis Wages
  - o Bidding Requirements
  - o Notice to Contractors
  - o Website Notices
  - o Submission to Secure Vault

(EBS Cont.)

### Plans Desk

- o Project Plan Purchases
- o Verify Contractor Prequalification
- o Create Plan-Holders Lists
- o Plans Accounting

### Bid Opening

- o Manual and Automatic Bid Download
- o Dynamic Bid Results
- o Initial Bid Analysis
- o Determine Responsiveness of Bids

### Contract Preparation

- o Create Hardcopy Bid Reports
- o Create Letters of Award and Proceed
- o Create Contract

### EBS Reporting

- o Create Perf. & Payments Bonds
- o Bid Submission Reports
- o Bid Analysis

## Contractor's Desktop Application (CDA)

### CDA Administration

- o Company Information
- o Current Work Under Contract Status
- o Maintains Electronic Signatures
- o Multiple Profiles Allowed
- o Automatic Addenda Updates & Bid Item Changes
- o Automatic Certified BDE/Contractor list updates

### Bid Preparation

- o Unit Price & Quantity Bids
- o Alternate & Optional Bids
- o DBE Commitments & Good Faith Efforts
- o Addendum Acknowledgment
- o Certifications (State, Federal)

### Bid Submittal

- o Automated Bid Bond Verification
- o Bid Encryption
- o 3<sup>rd</sup> Party Bid Repository (Vault)
- o Bid Submission History
- o Electronic or Paper Submissions
- o NO Non-Responsive Bid Submissions

### CMS Support

- o Prepare Subcontractor Agreements
- o Subcontractor Payments
- o Training Hours Worked
- o Anticipated Monthly Payments
- o Certified Payroll Management
- o DBD Compliance Analysis Report

### CDA Reporting

## Construction Management Subsystem (CMS)

### CMS Administration

- o Contractor Payments
- o Change Orders
- o Project Claims
- o Subcontractor Agreements
- o Utility Agreements
- o Utility Payments
- o OCIP

### Daily Diary

- o Partnering
- o Verified Pay Quantities
- o High/Low Temperature
- o Time Charged
- o Equipment & Labor
- o General Item Comments
- o Diary Comments

### Electronic Field Book

- o Remote Daily Diary Functionality
- o Displays Project Status Information
- o Two-way Synchronization with HQ

### Project Ledger

- o Placement
- o Stockpile
- o Price Adjustments
- o Incentives/Disincentives
- o Liquidated Damages
- o Add Items
- o Ledger Reports

### Contractor Pay Estimates

- o Value of Work Completed
- o Withholding Percentage & Escrow
- o Submittal & Signature Reports
- o Payment Analysis Reports

### CMS Reporting

- o Percent of Work Complete
- o Percent of Contract Time Complete
- o Item Overrun/Underrun Analysis



## Civil Rights Subsystem (CRS)

### CRS Administration

- o DBE Applications
- o DBE Directory

### Set DBE Goal

- o Project DBE
- o Project OJT Goals

### Advertise DBE Goal

- o Bidders List

### Contract Compliance

- o DBE Project Compliance Analysis
- o Subcontractor Payments
- o Project Onsite Inspections
- o EEO Compliance Reviews

### CRS Reporting

- o Annual Federal Report

## Management Reporting Subsystem (MRS)

### Project Overview

- o Comprehensive Search Capability
- o General Information
- o Management Assignments
- o Funding Status
- o Closeout Status

### Dashboard Reporting

### Ad-hoc Reporting

## System Maintenance Subsystem (SMS)

### Company Information

- o Company Type
- o Contact Information
- o DBE Type
- o Prequalification

### Employee Information

- o Contact Information
- o Employee Roles

### System Access Rights

- o Organization Type Access
- o Role Access
- o Project Access
- o Password Management

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