

Estimation Services

From bid history analysis, to building custom dashboards, to setting up data for cost-based estimation, we've got your estimation-related needs covered. Explore our array of expert-backed estimation services.

Bid History Profile Analysis

Understanding your bid history at a deeper level can help inform accurate cost estimates. Let us optimize your bid history profile to increase accuracy.

Our bid history services include:



Usage Analysis

An analysis of bid item usage with the option to apply default Bid History Profiles to Reference items.



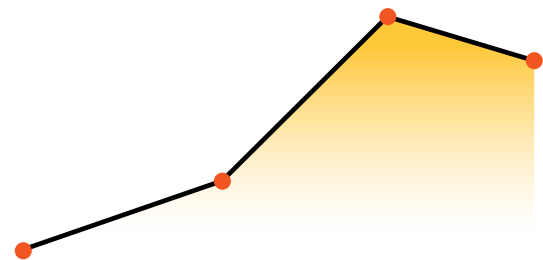
Required Profiles

An analysis for agency data to determine required bid history profiles for accurate cost estimate information.



Profile Optimization

Statistical analysis of profile performance vs. actual bid results on past let construction projects to provide accurate pricing.



Contingency Percentage Analysis

Need help determining contingency? We can perform a statistical analysis of past projects and classify them based on complexity to help determine contingency based on the cost estimate phase.

Typical Section Analysis

Analyze your typical sections to help determine bid item usage and appropriate typical sections for development.

Our process for this service is as follows:

1. Analyze bid items and past contracts to determine bid item usage based on contract types.
2. Review contracts and conduct interviews to determine appropriate typical sections for development.
3. Review typical sections to determine modification necessary, review bid items to be used, and adjust equations as necessary to use agency basis of plan quantity calculations.

Cost-Based Estimating Services

Cost-based estimation enables agencies to get the most accurate pricing and gain a deeper understanding of what goes into project pricing.

We can help agencies get started with cost-based estimation through the following services:



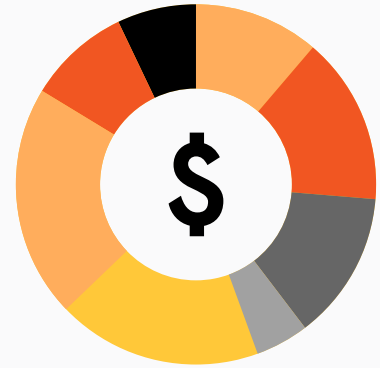
Labor/Equipment/Materials

Research construction input costs and establish reference costs labor, equipment, and construction materials.



Crew/Cost Sheet Data

Research past construction activities to establish typical construction crews and build cost sheets representative of typical construction activities.

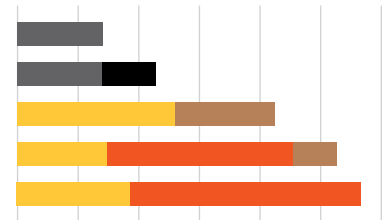


Production Rate

Research past construction activities and establish benchmark production rates for typical construction activities.

Power BI Dashboarding Services

Dashboards are a powerful tool for long-term data analysis and monitoring. Infotech can work with agencies to configure custom dashboards for Estimation data.



Potential configurations include:

Mobilization Percentages

Calculations to determine Mobilization percentages, provide filters to determine percentage based on project variables.

Construction Engineering %

Calculations to determine construction engineering percentages, provide filters to determine percentage based on project variables. construction activities.

Parametric Project Costs

Unit-based parametric costs for planning-level estimates, such as lane-mile costs for different highway improvements.

Current Contractor Workloads

Identify contractors by major work types and query data to determine current workload so estimators can determine how competitive contractors will bid projects.

If you have questions, or need additional information, contact the team at dataservices@infotechinc.com.

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