

AASHTOWare Project Preconstruction™

When you are ready to initiate a road construction project, the AASHTOWare Project Preconstruction™ software is your first step. This online system manages project information and automates processes during the early phases of a construction project – including proposal preparation, estimation, bid letting management, and project award.

The AASHTOWare Project Preconstruction module provides flexibility in defining a project and its associated funding requirements to track and manage project cost information. Features include preparation of the Engineer's estimate for Federal Aid highway construction projects, combining projects into proposals for bid letting, and selecting proposals for a bid letting package. The software also aids in advertising bids, tracking plan and proposal holders, processing bid information, evaluating bids, and making award decisions.

The AASHTOWare Project Preconstruction module assists with letting and bid award management by allowing data entry with full edit checking and verification for vendor bids, producing the bid tabulation report and performing analyses on received bids. The system also maintains the Planholder's List, produces mailing lists, and maintains information for invoicing vendors for proposals and plans purchased.

Reports

AASHTOWare Project Preconstruction produces many reports, all of which can be customized to your agency's needs.

During the proposal preparation process, the system provides the following reports:

- Preliminary Detailed Cost Estimate and Funding Summary—documents the agency's project cost estimate and identifies funding sources necessary to cover the estimated costs.
- Proposal Schedule—details the proposal criteria and produces a Schedule of Items for inclusion in the proposal document that is submitted to contractors for bidding.
- Special Provisions Listing—lists the bid requirements that are unique to a proposal.
- Proposal Schedule with Estimated Prices—rolls up multiple projects to show a proposal level view of the engineer's estimate.
- DBE Interest Report—details bid items that are of interest to Disadvantaged Business Enterprise (DBE) subcontractors.
- Electronic Proposal Schedule used by the AASHTOWare Project Expedite™ software package—provides AASHTOWare Project Preconstruction project data presented in electronic form for bidding by the contractor.



During the letting and awards process, the system provides the following reports:

- Notice to Contractors — lists proposals included in a bid letting and summarizes information about the proposals; information in this report can be distributed to potential contractors as part of the letting advertisement.
- Bid Tab Edit — edit checks are performed for all bid tabs for a proposal and any errors are listed, such as incomplete bids or missing or mismatched totals. A list of all bidders for that proposal is also generated and displayed in order of their contract bids (lowest to highest bidder).
- Bid Letting Summary — lists a variety of information for all proposals in the bid letting package including addendum information, previously rejected proposal data, missing data fields, and pre-qualified vendor lists.
- Bid Tab Analysis — summarizes the bid data for a letting in a format that is useful for evaluating bids and awarding contracts.
- Low Bid Item Analysis — a listing of proposals showing the calculated low bidder, estimated amount, bid amount, and overrun/underrun calculations.
- Contract Schedule of Prices — provides a Schedule of Items with contract prices that will become part of the contract document.
- Final Detailed Cost Estimate and Funding Summary — updates the AASHTOWare Project Preconstruction Preliminary Detail Estimate with actual contract prices.
- Planholder's List — lists all vendors who have ordered proposals, plans, or both, and maintains vendor information.

The AASHTOWare Project Preconstruction software provides a flexible user interface and extensive configuration options:

- Any user with proper access can attach files/URL links and add agency fields to any record in the system.
- System events and issue tracking enable an agency to automate complex processes and workflows that might require input or review from several different users.
- Extensive online help is available throughout the application, including configurable tool tips.

System Specifications

For details about system specifications for all AASHTOWare Project™ products, please refer to: www.cloverleaf.net/sys_arch/.

For more information about this product contact AASHTO or the AASHTOWare® contractor:



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