Optimization of Construction Delivery

Idaho Transportation Department

Weigh In Motion Sensor System Project

Type: Construction
Contractor: Mettler-Toledo, LLC
Location: Ashton, ID

Budget: $420,000

Start Date: September 2012
Completion Date: December 2012

Project Site (Pre-Construction)

In July 2012, the Idaho Department of Transportation (ITD) successfully applied the PIPS Best -Value process to select a contractor to construct a Weigh In Motion (WIM) system. This project would provide ITD with the ability to capture video images and weigh vehicles while they are traveling along the highway. This information would enable traffic to be screened for static weighing and to transmit and store data for immediate retrieval by both ITD and the Montana DOT.

Two vendors submitted proposals on the project, and both were within the $420,000 budget. The best-valued contractor that was selected was approximately $26K higher in price, but had:

- 114% higher-rated Risk Assessment Plan
- 82% higher-rated Value Assessment Plan
- 2% higher-scored Past Performance Information (on the firm, project manager, and supplier)
- 150% higher-rated Interview

ITD awarded the project to the best-valued contractor in September 2012. ITD's goal was to have the system up and running prior to the harsh winter weather in north-eastern Idaho. Despite having to stop work for 2 days due to unsafe working conditions on the highway, the contractor was still able to complete the project in December 2012, ***3-days ahead*** of schedule. There were ***no*** contractor initiated change orders. Upon completion of the project, ITD personnel rated the overall satisfaction with the vendor a ***10*** (out of 10), and rated the PIPS best-value process a ***10*** (out of 10).