

## **CONTRACT DOCUMENTS**

The PM-D is responsible for the selection of special provision copied notes, special provisions, and supplemental specifications (for both the design and construction of the project) included in the RFP Information Package or by reference in the body of the RFP. The DDT and PM-IPD will provide assistance.

## **PROJECT COST ESTIMATE**

The PM-D shall work with the DDT to develop a PCES estimate prior to RFQ advertisement and a Major Items detailed estimate prior to RFP advertisement.

The PCES cost estimate shall establish the overall estimate for the project inclusive of construction costs, preliminary engineering costs, construction engineering and inspection costs, VDOT oversight costs, and contingency reserves. Due to the limited detail available during the preliminary plan development, it is prudent that additional effort go into identifying and estimating any high risk items with appropriate levels of contingency reserves and any unusual and extraordinary costs.

The Major Items detailed estimate shall establish the overall estimate prior to RFP advertisement. This estimate can be a spreadsheet based estimate which might include major items such as pavement, earthwork, bridge removal, new bridge, retaining wall removal, new retaining wall, major drainage items, concrete barrier, curb and gutter, signalized intersections, environmental mitigation, hazardous materials remediation, and utilities. The estimate shall utilize pricing data available in the TransPort program or other comparable alternative database. Minor items (drainage, incidental, E&S etc.) can be estimated on a lump sum basis by category or individually at the project estimator's discretion. The Major Items detailed estimate dollar value should be inserted in the manual tab within PCES.

It is critical to remember that the Design-Build project delivery process includes both design and construction. Consequently, estimates should account for the fact that design reviews shall transpire post award. VDOT shall also assist, in an oversight capacity, with right of way reviews where applicable and construction independent verification/independent assurance testing. (See "Minimum Requirements for Quality Assurance & Quality Control on Design Build & Public-Private Transportation Act Projects") Subsequently, the overall project estimate should account for the Design-Builders bid along with VDOT oversight.