

TOTAL COST OF PROJECT

Calculation Order

EXAMPLE PROJECT:

BID ITEM TOTAL =	\$1,000,000
SALES TAX =	8.50%
CONSTR. ENGINEERING =	20%
C.O. CONTINGINCIES =	4%
PLAN/SCOPING PE =	15%
700 LEVEL NON-BID ITEMS =	\$2000
800 LEVEL NON-BID ITEMS =	\$5000
860 LEVEL NON-BID ITEMS =	\$10,000
RIGHT OF WAY AQUISITION COSTS =	\$10,500

TO CALCULATE A TOTAL COST OF PROJECT:

Multiple BID ITEM TOTAL by TAX rate [\[Dept of Revenue web site\]](#)

Add together:

BID ITEM TOTAL	\$1,000,000
<small>[To Incl. Asphalt-5837, Fuel-7730 & Steel-7731 Price Adjustments]</small>	
SALES TAX \$1,000,000 x 8.50% =	[\$85,000]
700 LEVEL NON-BID ITEMS	\$2000
Project Subtotal _____	[\$1,087,000]

Multiply this Subtotal by ENGINEERING(CE), CHANGE ORDER CONTINGINCY(COC)& PE %(PE)

CONSTRUCTION	{	CE.	\$1,087,000 x 20% =	\$217,400
		COC	\$1,087,000 x 4% =	\$43,480
PLANNING/SCOPING	{	PE	\$1,087,000 x 15% =	\$163,050

Add together:

Subtotal	\$1,087,000
CE ENGINEERING	\$217,400
COC	\$43,480
*PE	\$163,050
And 800 LEVEL ITEMS	\$5000
860 LEVEL ITEMS	\$10,000
*R/W AQUISITION COSTS =	\$10,500

TOTAL COST OF PROJECT _____ **[\$1,536,430]**

**Costs not included in EBASE estimate*

Non-Bid or Below the Line Items _____

These are items of work or materials that are paid for as part of the total construction project, but are not performed by, nor furnished by the Contractor.

Numbers in the 700 to 799 range have construction engineering and contingencies applied to them, but no sales tax. Federal Aid money may be used to fund all, part or none of this work.

Examples of this type of work may include:

- Utility Agreements
- County/City Agreements
- State Force Work other than WSDOT i.e. WSP
- Engineering/Consultant Services

Numbers in the 800 to 899 range have no sales tax, construction engineering, or contingencies applied to them.

Examples of this type of work may include:

- State Force Work (WSDOT not to exceed \$50k)
- State Supplied Materials (Parcel numbers, labor and payable agreements cannot be charged here)
- Rail Road Flagging (800 - 859 Range)
- Some Permits and Agreements

* Numbers in the 800 to 859 range are to be used for Federal-Aid **participating** items.

** Numbers in the 860 to 899 range are to be used for Federal-Aid **non-participating** items.