

## Federal Acquisition Regulation

48.001

Flag Commercial Vessels, in solicitations and contracts that may involve ocean transportation of supplies subject to the Cargo Preference Act of 1954. (For application of the Cargo Preference Act of 1954, see 47.502(a)(3), 47.503(a), and 47.504.)

(2) If an applicable statute requires, or if it has been determined under agency procedures, that the supplies to be furnished under the contracts must be transported exclusively in privately owned U.S.-flag commercial vessels (see 47.502(a)(1) and 47.503(b)), use the clause with its *Alternate I*.

(3) Except for contracts or agreements for ocean transportation services or construction contracts, use the clause with its *Alternate II* if any of the supplies to be transported are commercial items that are shipped in direct support of U.S. military—

(i) Contingency operations;

(ii) Exercises; or

(iii) Forces deployed in connection with United Nations or North Atlantic Treaty Organization humanitarian or peacekeeping operations.

(b) The contracting officer may insert in solicitations and contracts, under agency procedures, additional appropriate clauses concerning the vessels to be used.

[68 FR 13203, Mar. 18, 2003]

## PART 48—VALUE ENGINEERING

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AUTHORITY: 40 U.S.C. 121(c); 10 U.S.C. chapter 137; and 42 U.S.C. 2473(c).

SOURCE: 48 FR 42443, Sept. 19, 1983, unless otherwise noted.

### 48.000 Scope of part.

This part prescribes policies and procedures for using and administering value engineering techniques in contracts.

### 48.001 Definitions.

As used in this subpart—

*Acquisition savings* means savings resulting from the application of a value engineering change proposal (VECP) to contracts awarded by the same contracting office of its successor for essentially the same unit. Acquisition savings include—

(1) Instant contract savings, that are the net cost reductions on the contract under which the VECP is submitted and accepted, and that are equal to the instant unit cost reduction multiplied by the number of instant contract units affected by the VECP, less the contractor's allowable development and implementation costs;

(2) Concurrent contract savings, that are net reductions in the prices of other contracts that are definitized and ongoing at the time the VECP is accepted; and

(3) Future contract savings, that are the product of the future unit cost reduction multiplied by the number of future contract units in the sharing base. On an instant contract, future contract savings include savings on increases in quantities after VECP acceptance that are due to contract modifications, exercise of options, additional orders, and funding of subsequent year requirements on a multiyear contract.

*Collateral costs* means agency costs of operation, maintenance logistic support, or Government-furnished property.

*Collateral savings* means those measurable net reductions resulting from a VECP in the agency's overall projected collateral costs, exclusive of acquisition savings, whether or not the acquisition cost changes.

*Contracting office* includes any contracting office that the acquisition is transferred to, such as another branch

of the agency or another agency's office that is performing a joint acquisition action.

*Contractor's development and implementation costs* means those costs the contractor incurs on a VECP specifically in developing, testing, preparing, and submitting the VECP, as well as those costs the contractor incurs to make the contractual changes required by Government acceptance of a VECP.

*Future unit cost reduction* means the instant unit cost reduction adjusted as the contracting officer considers necessary for projected learning or changes in quantity during the sharing period. It is calculated at the time the VECP is accepted and applies either (1) throughout the sharing period, unless the contracting officer decides that recalculation is necessary because conditions are significantly different from those previously anticipated or (2) to the calculation of a lump-sum payment, that cannot later be revised.

*Government costs* means those agency costs that result directly from developing and implementing the VECP, such as any net increases in the cost of testing, operations, maintenance, and logistics support. The term does not include the normal administrative costs of processing the VECP or any increase in instant contract cost or price resulting from negative instant contract savings, except that for use in 52.248–3, see the definition at 52.248–3(b).

*Instant contract* means the contract under which the VECP is submitted. It does not include increases in quantities after acceptance of the VECP that are due to contract modifications, exercise of options, or additional orders. If the contract is a multiyear contract, the term does not include quantities funded after VECP acceptance. In a fixed-price contract with prospective price redetermination, the term refers to the period for which firm prices have been established.

*Instant unit cost reduction* means the amount of the decrease in unit cost of performance (without deducting any contractor's development or implementation costs) resulting from using the VECP on the instant contract. In service contracts, the instant unit cost reduction is normally equal to the number of hours per line-item task saved

by using the VECP on the instant contract, multiplied by the appropriate contract labor rate.

*Negative instant contract savings* means the increase in the instant contract cost or price when the acceptance of a VECP results in an excess of the contractor's allowable development and implementation costs over the product of the instant unit cost reduction multiplied by the number of instant contract units affected.

*Net acquisition savings* means total acquisition savings, including instant, concurrent, and future contract savings, less Government costs.

*Sharing base* means the number of affected end items on contracts of the contracting office accepting the VECP.

*Sharing period* means the period beginning with acceptance of the first unit incorporating the VECP and ending at a calendar date or event determined by the contracting officer for each VECP.

*Unit* means the item or task to which the contracting officer and the contractor agree the VECP applies.

*Value engineering proposal* means, in connection with an A-E contract, a change proposal developed by employees of the Federal Government or contractor value engineering personnel under contract to an agency to provide value engineering services for the contract or program.

[48 FR 42443, Sept. 19, 1983, as amended at 54 FR 5057, Jan. 31, 1989; 55 FR 3887, Feb. 5, 1990; 61 FR 39220, July 26, 1996; 64 FR 51847, Sept. 24, 1999; 66 FR 2134, Jan. 10, 2001]

## Subpart 48.1—Policies and Procedures

### 48.101 General.

(a) Value engineering is the formal technique by which contractors may (1) voluntarily suggest methods for performing more economically and share in any resulting savings or (2) be required to establish a program to identify and submit to the Government methods for performing more economically. Value engineering attempts to eliminate, without impairing essential functions or characteristics, anything that increases acquisition, operation, or support costs.