

(c) The cost-plus-a-percentage-of-cost system of contracting shall not be used (see 10 U.S.C. 2306(a) and 41 U.S.C. 254(b)). Prime contracts (including letter contracts) other than firm-fixed-price contracts shall, by an appropriate clause, prohibit cost-plus-a-percentage-of-cost subcontracts (see clauses prescribed in subpart 44.2 for cost-reimbursement contracts and subparts 16.2 and 16.4 for fixed-price contracts).

(d) No contract may be awarded before the execution of any determination and findings (D&F's) required by this part. Minimum requirements for the content of D&F's required by this part are specified in 1.704.

[48 FR 42219, Sept. 19, 1983, as amended at 50 FR 1741, Jan. 11, 1985; 50 FR 52429, Dec. 23, 1985]

16.103 Negotiating contract type.

(a) Selecting the contract type is generally a matter for negotiation and requires the exercise of sound judgment. Negotiating the contract type and negotiating prices are closely related and should be considered together. The objective is to negotiate a contract type and price (or estimated cost and fee) that will result in reasonable contractor risk and provide the contractor with the greatest incentive for efficient and economical performance.

(b) A firm-fixed-price contract, which best utilizes the basic profit motive of business enterprise, shall be used when the risk involved is minimal or can be predicted with an acceptable degree of certainty. However, when a reasonable basis for firm pricing does not exist, other contract types should be considered, and negotiations should be directed toward selecting a contract type (or combination of types) that will appropriately tie profit to contractor performance.

(c) In the course of an acquisition program, a series of contracts, or a single long-term contract, changing circumstances may make a different contract type appropriate in later periods than that used at the outset. In particular, contracting officers should avoid protracted use of a cost-reimbursement or time-and-materials contract after experience provides a basis for firmer pricing.

(d) Each contract file shall include documentation to show why the particular contract type was selected. Exceptions to this requirement are:

(1) Fixed-price acquisitions made under simplified acquisition procedures,

(2) Contracts on a firm fixed-price basis other than those for major systems or research and development, and

(3) Awards on the set-aside portion of sealed bid partial set-asides for small business.

[48 FR 42219, Sept. 19, 1983, as amended at 50 FR 1742, Jan. 11, 1985; 50 FR 52429, Dec. 23, 1985; 54 FR 5054, Jan. 31, 1989; 60 FR 34756, July 3, 1995; 60 FR 48260, Sept. 18, 1995; 61 FR 39198, July 26, 1996]

16.104 Factors in selecting contract types.

There are many factors that the contracting officer should consider in selecting and negotiating the contract type. They include the following:

(a) *Price competition.* Normally, effective price competition results in realistic pricing, and a fixed-price contract is ordinarily in the Government's interest.

(b) *Price analysis.* Price analysis with or without competition, may provide a basis for selecting the contract type. The degree to which price analysis can provide a realistic pricing standard should be carefully considered. (See 15.404-1(b).)

(c) *Cost analysis.* In the absence of effective price competition and if price analysis is not sufficient, the cost estimates of the offeror and the Government provide the bases for negotiating contract pricing arrangements. It is essential that the uncertainties involved in performance and their possible impact upon costs be identified and evaluated, so that a contract type that places a reasonable degree of cost responsibility upon the contractor can be negotiated.

(d) *Type and complexity of the requirement.* Complex requirements, particularly those unique to the Government, usually result in greater risk assumption by the Government. This is especially true for complex research and development contracts, when performance uncertainties or the likelihood of changes makes it difficult to estimate

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performance costs in advance. As a requirement recurs or as quantity production begins, the cost risk should shift to the contractor, and a fixed-price contract should be considered.

(e) *Urgency of the requirement.* If urgency is a primary factor, the Government may choose to assume a greater proportion of risk or it may offer incentives to ensure timely contract performance.

(f) *Period of performance or length of production run.* In times of economic uncertainty, contracts extending over a relatively long period may require economic price adjustment terms.

(g) *Contractor's technical capability and financial responsibility.*

(h) *Adequacy of the contractor's accounting system.* Before agreeing on a contract type other than firm-fixed-price, the contracting officer shall ensure that the contractor's accounting system will permit timely development of all necessary cost data in the form required by the proposed contract type. This factor may be critical when the contract type requires price revision while performance is in progress, or when a cost-reimbursement contract is being considered and all current or past experience with the contractor has been on a fixed-price basis.

(i) *Concurrent contracts.* If performance under the proposed contract involves concurrent operations under other contracts, the impact of those contracts, including their pricing arrangements, should be considered.

(j) *Extent and nature of proposed subcontracting.* If the contractor proposes extensive subcontracting, a contract type reflecting the actual risks to the prime contractor should be selected.

(k) *Acquisition history.* Contractor risk usually decreases as the requirement is repetitively acquired. Also, product descriptions or descriptions of services to be performed can be defined more clearly.

[48 FR 42219, Sept. 19, 1983, as amended at 50 FR 1742, Jan. 11, 1985; 50 FR 52429, Dec. 23, 1985; 62 FR 44814, Aug. 22, 1997; 62 FR 51270, Sept. 30, 1997]

16.105 Solicitation provision.

The contracting officer shall complete and insert the provision at 52.216-

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1, Type of Contract, in a solicitation unless it is for—

(a) A fixed-price acquisition made under simplified acquisition procedures; or

(b) Information or planning purposes.

[60 FR 34756, July 3, 1995, as amended at 61 FR 39198, July 26, 1996]

Subpart 16.2—Fixed-Price Contracts

16.201 General.

Fixed-price types of contracts provide for a firm price or, in appropriate cases, an adjustable price. Fixed-price contracts providing for an adjustable price may include a ceiling price, a target price (including target cost), or both. Unless otherwise specified in the contract, the ceiling price or target price is subject to adjustment only by operation of contract clauses providing for equitable adjustment or other revision of the contract price under stated circumstances. The contracting officer shall use firm-fixed-price or fixed-price with economic price adjustment contracts when acquiring commercial items.

[48 FR 42219, Sept. 19, 1983, as amended at 60 FR 48248, Sept. 18, 1995]

16.202 Firm-fixed-price contracts.

16.202-1 Description.

A firm-fixed-price contract provides for a price that is not subject to any adjustment on the basis of the contractor's cost experience in performing the contract. This contract type places upon the contractor maximum risk and full responsibility for all costs and resulting profit or loss. It provides maximum incentive for the contractor to control costs and perform effectively and imposes a minimum administrative burden upon the contracting parties. The contracting officer may use a firm-fixed-price contract in conjunction with an award-fee incentive (see 16.404) and performance or delivery incentives (see 16.402-2 and 16.402-3) when the award fee or incentive is based solely on factors other than cost. The