

and the gain or loss is taken into consideration in the depreciation cost basis of the new item.

(e) Gains and losses arising from mass or extraordinary sales, retirements, or other disposition other than through business combinations shall be considered on a case-by-case basis.

(f) Gains and losses of any nature arising from the sale or exchange of capital assets other than depreciable property shall be excluded in computing contract costs.

(g) With respect to long-lived tangible and identifiable intangible assets held for use, no loss shall be allowed for a write-down from carrying value to fair value as a result of impairments caused by events or changes in circumstances (e.g., environmental damage, idle facilities arising from a declining business base, etc.). If depreciable property or other capital assets have been written down from carrying value to fair value due to impairments, gains or losses upon disposition shall be the amounts that would have been allowed had the assets not been written down.

[48 FR 42301, Sept. 19, 1983, as amended at 55 FR 25530, June 21, 1990; 60 FR 64255, Dec. 14, 1995; 61 FR 67424, Dec. 20, 1996]

31.205-17 Idle facilities and idle capacity costs.

(a) *Definitions.* As used in this subsection—

Costs of idle facilities or idle capacity means costs such as maintenance, repair, housing, rent, and other related costs; e.g., property taxes, insurance, and depreciation.

Facilities means plant or any portion thereof (including land integral to the operation), equipment, individually or collectively, or any other tangible capital asset, wherever located, and whether owned or leased by the contractor.

Idle capacity means the unused capacity of partially used facilities. It is the difference between that which a facility could achieve under 100 percent operating time on a one-shift basis, less operating interruptions resulting from time lost for repairs, setups, unsatisfactory materials, and other normal delays, and the extent to which the facility was actually used to meet demands during the accounting period. A

multiple-shift basis may be used in the calculation instead of a one-shift basis if it can be shown that this amount of usage could normally be expected for the type of facility involved.

Idle facilities means completely unused facilities that are excess to the contractor's current needs.

(b) The costs of idle facilities are unallowable unless the facilities—

(1) Are necessary to meet fluctuations in workload; or

(2) Were necessary when acquired and are now idle because of changes in requirements, production economies, reorganization, termination, or other causes which could not have been reasonably foreseen. (Costs of idle facilities are allowable for a reasonable period, ordinarily not to exceed 1 year, depending upon the initiative taken to use, lease, or dispose of the idle facilities (but see 31.205-42)).

(c) Costs of idle capacity are costs of doing business and are a factor in the normal fluctuations of usage or overhead rates from period to period. Such costs are allowable provided the capacity is necessary or was originally reasonable and is not subject to reduction or elimination by subletting, renting, or sale, in accordance with sound business, economics, or security practices. Widespread idle capacity throughout an entire plant or among a group of assets having substantially the same function may be idle facilities.

(d) Any costs to be paid directly by the Government for idle facilities or idle capacity reserved for defense mobilization production shall be the subject of a separate agreement.

[48 FR 42301, Sept. 19, 1983, as amended at 66 FR 2131, Jan. 10, 2001; 67 FR 6120, Feb. 8, 2002]

31.205-18 Independent research and development and bid and proposal costs.

(a) *Definitions.* As used in this subsection—

Applied research means that effort which (1) normally follows basic research, but may not be severable from the related basic research, (2) attempts to determine and exploit the potential of scientific discoveries or improvements in technology, materials, processes, methods, devices, or techniques, and (3) attempts to advance the state

of the art. Applied research does not include efforts whose principal aim is design, development, or test of specific items or services to be considered for sale; these efforts are within the definition of the term *development*, defined in this subsection.

Basic research, (See 2.101).

Bid and proposal (B&P) costs means the costs incurred in preparing, submitting, and supporting bids and proposals (whether or not solicited) on potential Government or non-Government contracts. The term does not include the costs of effort sponsored by a grant or cooperative agreement, or required in the performance of a contract.

Company means all divisions, subsidiaries, and affiliates of the contractor under common control.

Development means the systematic use, under whatever name, of scientific and technical knowledge in the design, development, test, or evaluation of a potential new product or service (or of an improvement in an existing product or service) for the purpose of meeting specific performance requirements or objectives. Development includes the functions of design engineering, prototyping, and engineering testing. Development excludes: (1) Subcontracted technical effort which is for the sole purpose of developing an additional source for an existing product, or (2) development effort for manufacturing or production materials, systems, processes, methods, equipment, tools, and techniques not intended for sale.

Independent research and development (IR&D) means a contractor's IR&D cost that consists of projects falling within the four following areas: (1) Basis research, (2) applied research, (3) development, and (4) systems and other concept formulation studies. The term does not include the costs of effort sponsored by a grant or required in the performance of a contract. IR&D effort shall not include technical effort expended in developing and preparing technical data specifically to support submitting a bid or proposal.

Systems and other concept formulation studies means analyses and study efforts either related to specific IR&D efforts or directed toward identifying desirable new systems, equipment or

components, or modifications and improvements to existing systems, equipment, or components.

(b) *Composition and allocation of costs.* The requirements of 48 CFR 9904.420, Accounting for independent research and development costs and bid and proposal costs, are incorporated in their entirety and shall apply as follows—

(1) *Fully-CAS-covered contracts.* Contracts that are fully-CAS-covered shall be subject to all requirements of 48 CFR 9904.420.

(2) *Modified CAS-covered and non-CAS-covered contracts.* Contracts that are not CAS-covered or that contain terms or conditions requiring modified CAS coverage shall be subject to all requirements of 48 CFR 9904.420 except 48 CFR 9904.420-50(e)(2) and 48 CFR 9904.420-50(f)(2), which are not then applicable. However, non-CAS-covered or modified CAS-covered contracts awarded at a time the contractor has CAS-covered contracts requiring compliance with 48 CFR 9904.420, shall be subject to all the requirements of 48 CFR 9904.420. When the requirements of 48 CFR 9904.420-50(e)(2) and 48 CFR 9904.420-50(f)(2) are not applicable, the following apply:

(i) IR&D and B&P costs shall be allocated to final cost objectives on the same basis of allocation used for the G&A expense grouping of the profit center (see 31.001) in which the costs are incurred. However, when IR&D and B&P costs clearly benefit other profit centers or benefit the entire company, those costs shall be allocated through the G&A of the other profit centers or through the corporate G&A, as appropriate.

(ii) If allocations of IR&D or B&P through the G&A base do not provide equitable cost allocation, the contracting officer may approve use of a different base.

(c) *Allowability.* Except as provided in paragraphs (d) and (e) of this subsection, or as provided in agency regulations, costs for IR&D and B&P are allowable as indirect expenses on contracts to the extent that those costs are allocable and reasonable.

(d) *Deferred IR&D costs.* (1) IR&D costs that were incurred in previous accounting periods are unallowable, except when a contractor has developed a

specific product at its own risk in anticipation of recovering the development costs in the sale price of the product provided that—

(i) The total amount of IR&D costs applicable to the product can be identified;

(ii) The proration of such costs to sales of the product is reasonable;

(iii) The contractor had no Government business during the time that the costs were incurred or did not allocate IR&D costs to Government contracts except to prorate the cost of developing a specific product to the sales of that product; and

(iv) No costs of current IR&D programs are allocated to Government work except to prorate the costs of developing a specific product to the sales of that product.

(2) When deferred costs are recognized, the contract (except firm-fixed-price and fixed-price with economic price adjustment) will include a specific provision setting forth the amount of deferred IR&D costs that are allocable to the contract. The negotiation memorandum will state the circumstances pertaining to the case and the reason for accepting the deferred costs.

(e) *Cooperative arrangements.* (1) IR&D costs may be incurred by contractors working jointly with one or more non-Federal entities pursuant to a cooperative arrangement (for example, joint ventures, limited partnerships, teaming arrangements, and collaboration and consortium arrangements). IR&D costs also may include costs contributed by contractors in performing cooperative research and development agreements, or similar arrangements, entered into under—

(i) Section 12 of the Stevenson-Wydler Technology Transfer Act of 1980 (15 U.S.C. 3710(a));

(ii) Sections 203(c) (5) and (6) of the National Aeronautics and Space Act of 1958, as amended (42 U.S.C. 2473(c) (5) and (6));

(iii) 10 U.S.C. 2371 for the Defense Advanced Research Projects Agency; or

(iv) Other equivalent authority.

(2) IR&D costs incurred by a contractor pursuant to these types of cooperative arrangements should be considered as allowable IR&D costs if the

work performed would have been allowed as contractor IR&D had there been no cooperative arrangement.

(3) Costs incurred in preparing, submitting, and supporting offers on potential cooperative arrangements are allowable to the extent they are allocable, reasonable, and not otherwise unallowable.

[57 FR 44265, Sept. 24, 1992, as amended at 59 FR 11379, Mar. 10, 1994; 62 FR 12705, Mar. 17, 1997; 62 FR 51271, Sept. 30, 1997; 62 FR 64932, Dec. 9, 1997; 66 FR 2131, Jan. 10, 2001]

31.205-19 Insurance and indemnification.

(a) Insurance by purchase or by self-insuring includes coverage the contractor is required to carry, or to have approved, under the terms of the contract and any other coverage the contractor maintains in connection with the general conduct of its business. Any contractor desiring to establish a program of self-insurance applicable to contracts that are not subject to 48 CFR 9904.416, Accounting for Insurance Costs, shall comply with the self-insurance requirements of that standard as well as with part 28 of this Regulation. However, approval of a contractor's insurance program in accordance with part 28 does not constitute a determination as to the allowability of the program's cost. The amount of insurance costs which may be allowed is subject to the cost limitations and exclusions in the following subparagraphs.

(1) Costs of insurance required or approved, and maintained by the contractor pursuant to the contract, are allowable.

(2) Costs of insurance maintained by the contractor in connection with the general conduct of its business are allowable, subject to the following limitations:

(i) Types and extent of coverage shall follow sound business practice, and the rates and premiums must be reasonable.

(ii) Costs allowed for business interruption or other similar insurance must be limited to exclude coverage of profit.