

(4) *Notice.* The warranty shall specify a reasonable time for furnishing notice to the contractor regarding the discovery of defects. This notice period, which shall apply to all defects discovered during the warranty period, shall be long enough to assure that the Government has adequate time to give notice to the contractor. The contracting officer shall consider the following factors when establishing the notice period:

(i) The time necessary for the Government to discover the defects.

(ii) The time reasonably required for the Government to take necessary administrative steps and make a timely report of discovery of the defects to the contractor.

(iii) The time required to discover and report defective replacements.

(5) *Markings.* The packaging and preservation requirements of the contract shall require the contractor to stamp or mark the supplies delivered or otherwise furnish notice with the supplies of the existence of the warranty. The purpose of the markings or notice is to inform Government personnel who store, stock, or use the supplies that the supplies are under warranty. Markings may be brief but should include (i) a brief statement that a warranty exists, (ii) the substance of the warranty, (iii) its duration, and (iv) who to notify if the supplies are found to be defective. For commercial items (see 46.709), the contractor's trade practice in warranty marking is acceptable if sufficient information is presented for supply personnel and users to identify warranted supplies.

(6) *Consistency.* Contracting officers shall ensure that the warranty clause and any other warranty conditions in the contract (e.g., in the specifications or an inspection clause) are consistent. To the extent practicable, all of the warranties to be contained in the contract should be expressed in the warranty clause.

46.707 Pricing aspects of fixed-price incentive contract warranties.

If a fixed-price incentive contract contains a warranty (see 46.708), the estimated cost of the warranty to the contractor should be considered in establishing the incentive target price

and the ceiling price of the contract. All costs incurred, or estimated to be incurred, by the contractor in complying with the warranty shall be considered when establishing the total final price. Contractor compliance with the warranty after the establishment of the total final price shall be at no additional cost to the Government.

46.708 Warranties of data.

Warranties of data shall be developed and used in accordance with agency regulations.

46.709 Warranties of commercial items.

The contracting officer should take advantage of commercial warranties, including extended warranties, where appropriate and in the Government's best interests, offered by the contractor for the repair and replacement of commercial items (see part 12).

[60 FR 48250, Sept. 18, 1995]

46.710 Contract clauses.

The clauses and alternates prescribed in this section may be used in solicitations and contracts in which inclusion of a warranty is appropriate (see 46.709 for warranties for commercial items). However, because of the many situations that may influence the warranty terms and conditions appropriate to a particular acquisition, the contracting officer may vary the terms and conditions of the clauses and alternates to the extent necessary. The alternates prescribed in this section address the clauses; however, the conditions pertaining to each alternate must be considered if the terms and conditions are varied to meet a particular need.

(a)(1) The contracting officer may insert a clause substantially the same as the clause at 52.246-17, Warranty of Supplies of a Noncomplex Nature, in solicitations and contracts for noncomplex items when a fixed-price supply contract is contemplated and the use of a warranty clause has been approved under agency procedures. If the contractor's design rather than the Government's design will be used, insert the word "design" before "material" in paragraph (b)(1)(i).

(2) If it is desirable to specify that necessary transportation incident to

correction or replacement will be at the Government's expense (as might be the case if, for example, the cost of a warranty would otherwise be prohibitive), the contracting officer may use the clause with its Alternate II.

(3) If the supplies cannot be obtained from another source, the contracting officer may use the clause with its Alternate III.

(4) If a fixed-price incentive contract is contemplated, the contracting officer may use the clause with its Alternate IV.

(5) If it is anticipated that recovery of the warranted item will involve considerable Government expense for disassembly and/or reassembly of larger items, the contracting officer may use the clause with its Alternate V.

(b)(1) The contracting officer may insert a clause substantially the same as the clause at 52.246-18, Warranty of Supplies of a Complex Nature, in solicitations and contracts for deliverable complex items when a fixed-price supply or research and development contract is contemplated and the use of a warranty clause has been approved under agency procedures. If the contractor's design rather than the Government's design will be used, insert the word "design" before "material" in paragraph (b)(1).

(2) If it is desirable to specify that necessary transportation incident to correction or replacement will be at the Government's expense (as might be the case if, for example, the cost of a warranty would otherwise be prohibitive), the contracting officer may use the clause with its Alternate II.

(3) If a fixed-price incentive contract is contemplated, the contracting officer may use the clause with its Alternate III.

(4) If it is anticipated that recovery of the warranted item will involve considerable Government expense for disassembly and/or reassembly of larger items, the contracting officer may use the clause with its Alternate IV.

(c)(1) The contracting officer may insert a clause substantially the same as the clause at 52.246-19, Warranty of Systems and Equipment under Performance Specifications or Design Criteria, in solicitations and contracts

when performance specifications or design are of major importance; a fixed-price supply, service, or research and development contract for systems and equipment is contemplated; and the use of a warranty clause has been approved under agency procedures.

(2) If it is desirable to specify that necessary transportation incident to correction or replacement will be at the Government's expense (as might be the case if, for example, the cost of a warranty would otherwise be prohibitive), the contracting officer may use the clause with its Alternate I.

(3) If a fixed-price incentive contract is contemplated, the contracting officer may use the clause with its Alternate II.

(4) If it is anticipated that recovery of the warranted item will involve considerable Government expense for disassembly and/or reassembly of larger items, the contracting officer may use the clause with its Alternate III.

(d) The contracting officer may insert a clause substantially the same as the clause at 52.246-20, Warranty of Services, in solicitations and contracts for services when a fixed-price contract for services is contemplated and the use of a warranty clause has been approved under agency procedures; unless a clause substantially the same as the clause at 52.246-19, Warranty of Systems and Equipment under Performance Specifications or Design Criteria, has been used.

(e)(1) The contracting officer may insert a clause substantially the same as the clause at 52.246-21, Warranty of Construction, in solicitations and contracts when a fixed-price construction contract (see 46.705(c)) is contemplated and the use of a warranty clause has been approved under agency procedures.

(2) If the Government specifies in the contract the use of any equipment by *brand name and model*, the contracting officer may use the clause with its Alternate I.

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