

## 47.305-16 Shipping characteristics.

(a) *Required shipping weights.* The *contracting officer shall* insert in *solicitations* and contracts the clause at [52.247-59](#), F.o.b. Origin-Carload and Truckload *Shipments*, when it is contemplated that they *may* result in f.o.b. origin contracts with *shipments* in carloads or truckloads. This will facilitate realistic *freight* cost evaluations of *offers* and ensure that contractors produce economical *shipments* of agreed size.

(b) Guaranteed shipping characteristics.

(1) The *contracting officer shall* insert in *solicitations* and contracts, excluding those at or below the *simplified acquisition threshold*, the clause at [52.247-60](#), Guaranteed Shipping Characteristics, when shipping and other characteristics are required to evaluate *offers* as to transportation costs. When all of the shipping characteristics listed in paragraph (a) of the clause at [52.247-60](#) are not required to evaluate *offers* as to transportation costs, the *contracting officer shall* delete the characteristics not required from the clause.

(2) The award document *shall* show the shipping characteristics used in the evaluation.

(c) *Minimum size of shipments.* When volume rates *may* apply, the *contracting officer shall* insert in *solicitations* and contracts the clause at [52.247-61](#), F.o.b. Origin-Minimum Size of *Shipments*.

(d) Specific quantities unknown.

(1) When total requirements and destinations to which *shipments* will be made are known, but the specific quantity to be shipped to each destination cannot be predetermined, *solicitations shall* state that *offers* are to be submitted on the basis of delivery "f.o.b. origin" and/or "f.o.b. destination" and that *offers* will be evaluated on both bases.

(2) The *contracting officer shall* insert in *solicitations* and contracts the clause at [52.247-62](#), Specific Quantities Unknown, when total requirements and destinations to which *shipments* will be made are known, but the specific quantity to be shipped to each destination cannot be predetermined. This clause protects the interests of both the Government and the contractor during the course of the performance of the contract.

**Parent topic:** [47.305 Solicitation provisions, contract clauses, and transportation factors.](#)