

**CUSTOMER CONTRACT REQUIREMENTS
PLUTO/NEW HORIZONS
JOHNS HOPKINS SUBCONTRACT 857044
UNDER GOVERNMENT PRIME CONTRACT NAS5-97271**

CUSTOMER CONTRACT REQUIREMENTS

If Form GP1 is applicable to this procurement, this Attachment constitutes the Government clauses contemplated by Article 29. If Form GP2 is applicable to this procurement, this Attachment constitutes the Government clauses contemplated by Article 28. If Form GP3 is applicable to this procurement, this Attachment constitutes the Government clauses contemplated by Article 41. If Form GP4 is applicable to this procurement, this Attachment constitutes the Government clauses contemplated by Article 31. If this contract is for the procurement of commercial items, as defined in FAR Part 2.101, see Section 3 below.

1. The following contract clauses are incorporated by reference from the Federal Acquisition Regulation and apply to the extent indicated. In all of the following clauses, "Contractor" and "Offeror" mean Seller.

52.203-6 Restrictions on Subcontractor Sales to the Government (JUL 1995). This clause applies only if this contract exceeds \$100,000.

52.203-7 Anti-Kickback Procedures (excluding subparagraph (c)(1)) (JUL 1995). Buyer may withhold sums owed Seller the amount of any kickback paid by Seller or its subcontractors at any tier if (a) the Contracting Officer so directs, or (b) the Contracting Officer has offset the amount of such kickback against money owed Buyer under the prime contract. This clause applies only if this contract exceeds \$100,000.

52.203-8 Cancellation, Rescission, and Recovery of Funds for Illegal or Improper Activity (JAN 1997). This clause applies to this contract if the Seller, its employees, officers, directors or agents participated personally and substantially in any part of the preparation of a proposal for this contract. The Seller shall indemnify Buyer for any and all losses suffered by the Buyer due to violations of the Act (as set forth in this clause) by Seller or its subcontractors at any tier.

52.203-10 Price or Fee Adjustment for Illegal or Improper Activity (SEP 1990). This clause applies only if this contract exceeds \$100,000. If the Government reduces Buyer's price or fee for violations of the Act by Seller or its subcontractors at any tier, Buyer may withhold from sums owed Seller the amount of the reduction.

52.203-11 Certification and Disclosure Regarding Payments to Influence Certain Federal Transactions (APR 1991). This clause applies only if this contract exceeds \$100,000.

52.203-12 Limitation on Payments to Influence Certain Federal Transactions (JUN 1997). This clause applies only if this Contract exceeds \$100,000. Paragraph (c)(4) is modified to read as follows: "(c)(4) Seller will promptly submit any disclosure required (with written notice to Boeing) directly to the PCO for the prime contract. Boeing will identify the cognizant Government PCO at Seller's request. Each subcontractor certification will be retained in the subcontract file of the awarding contractor."

52.211-15 Defense Priority and Allocation Requirements (SEP 1990). This clause is applicable if a priority rating is noted in this contract.

52.215-2 Audit and Records - Negotiation (AUG 1996). This clause applies only if this contract exceeds \$100,000 and (i) is cost-reimbursement, incentive, time-and-materials, labor-hour, or price-redeterminable type or any combination of these types; (ii) Seller was required to provide cost or pricing data, or (iii) Seller is required to furnish reports as discussed in paragraph (e) of the referenced clause.

52.215-22 Price Reduction For Defective Cost or Pricing Data (OCT 1995). This clause applies only if this contract exceeds \$500,000. In subdivision (3) of paragraph (a), insert "of this contract" after "price or cost." In Paragraph (c), "Contracting Officer" shall mean "Contracting Officer or Buyer." In Paragraphs (c)(1), (c)(1)(ii), and (c)(2)(i), "Contracting Officer" shall mean "Contracting Officer or Buyer." In Subparagraph (c)(2)(i)(A), delete "to the Contracting Officer." In Subparagraph (c)(2)(ii)(B), "Government" shall mean "Government or Buyer." In Paragraph (d), "United States" shall mean "United States or Buyer."

52.215-24 Subcontractor Cost or Pricing Data (OCT 1995). This clause applies only if this contract exceeds \$500,000. The certificate required by paragraph (b) of the referenced clause shall be modified as follows: delete "to the Contracting Officer or the Contracting Officer's representative" and substitute in lieu thereof "The Boeing Company or any of its wholly owned subsidiaries."

52.215-26 Integrity of Unit Prices (OCT 1995) [excluding paragraph (c)]

52.215-27 Termination of Defined Benefit Pension Plans (MAR 1996). This clause applies only if under this contract certified cost or pricing data is required and preaward or postaward cost determinations are subject to FAR subpart 31.2. Buyer may withhold or recover from Seller such sums as the Contracting Officer withholds or recovers from Buyer because of liabilities of Seller or its subcontractors under this clause. "Contracting Officer" shall mean Buyer.

52.215-39 Reversion or Adjustment of Plans for Postretirement Benefits Other Than Pensions (PRB) (MAR 1996). This clause applies only if under this contract certified cost or pricing data is required or preaward or postaward cost determinations are subject to FAR part 31. Buyer may withhold or recover from Seller such sums as the Contracting Officer withholds or recovers from Buyer because of liabilities of Seller or its subcontractors under this clause. "Contracting Officer" shall mean Buyer.

52.215-40 Notification of Ownership Changes (FEB 1995). This clause applies only if under this contract certified cost or pricing data is required or preaward or postaward cost determinations are subject to FAR subpart 31.2. Buyer may withhold or recover from Seller such sums as the Contracting Officer withholds or recovers from Buyer because of liabilities of Seller or its subcontractors under this clause. "Contracting Officer" shall mean Buyer.

52.219-8 Utilization of Small, Small Disadvantaged, and Women-Owned Small Business Concerns (JUN 1997)

52.219-9 Small, Small Disadvantaged and Women-Owned Small Business Subcontracting Plan (AUG 1999). In paragraph (c), "Contracting Officer" shall mean Buyer. This clause applies only if this contract exceeds \$500,000, and Seller is not a small business concern.

52.222-26 Equal Opportunity (subparagraph (b)(1) through (11)) (APR 1984).

52.222-35 Affirmative Action for Special Disabled and Vietnam Era Veterans (APR 1984). This clause applies only if this contract exceeds \$10,000.

52.222-36 Affirmative Action for Handicapped Workers (APR 1984). This clause applies only if this contract exceeds \$ 2,500.

52.222-37 Employment Reports on Special Disabled Veterans and Veterans of the Vietnam Era (JAN 1988). This clause applies only if this contract exceeds \$10,000.

52.223-2 Clean Air and Water (APR 1984). This clause applies only if this contract exceeds \$100,000.

52.223-13 Certification of Toxic Chemical Release Reporting (OCT 1995). Except for commercial items as defined in FAR Part 12, this clause applies to competitive procurements expected to exceed \$100,000

(including all options). If Seller is not subject to the Form R filing and reporting requirements, Seller shall inform Buyer which exemption or exemptions in subparagraph (b)(2) of this clause apply.

52.223-14 Toxic Chemical Release Reporting (excluding subparagraph (e)) (OCT 1995). This clause applies only if this contract is not for commercial items as defined in FAR Part 2, was competitively awarded, and exceeds \$100,000 (including all options).

52.225-10 Duty-free Entry (APR 1984). This clause applies only if this contract identifies supplies to be afforded duty-free entry or if foreign supplies in excess of \$10,000 may be imported into the customs territory of the United States. For the purposes of this clause, the blanks in paragraph (g)(3) are completed as follows: UNITED STATES GOVERNMENT, DEPARTMENT OF DEFENSE, Duty-free entry is claimed pursuant Section XXII, Chapter 98, Subchapter VIII, Item No. 9808.00.30 of the Harmonized Tariff Schedule of the United States. Upon arrival of shipment at port of entry, the importer or authorized agent will notify Commander, Defense Contract Management Area Operations (DCMAO, New York, 201 Varick Street, New York, New York, 10014-4811, Attention DCRN-NCT) for execution of Customs Forms 7501, 7501-A, or 7506 and required duty free entry certificates.

52.225-11 Restrictions on Certain Foreign Purchases (OCT 1996).

52.227-1 Authorization and Consent (JUL 1995).

52.227-1 Alternate I (APR 1984).

52.227-2 Notice and Assistance Regarding Patent and Copyright Infringement (AUG 1996). A copy of each notice sent to the Government will be sent to Buyer. "Contracting Officer" shall mean "Buyer". This clause applies only if this contract exceeds \$100,000.

52.227-11 Patent Rights - Retention by the Contractor (Short Form) (JUN 1989). This clause only applies if this Contract is for experimental, developmental, or research work and Seller is a small business firm or nonprofit organization.

52.227-14 Rights in Data -- General (JUN 1987) and Alternates II, III, and V (JUN 1987) -- As modified by NASA FAR Supplement 18-52.227-14. This clause applies only if data will be produced, furnished, or acquired under this contract.

52.227-16 Additional Data Requirements (JUN 1987). This clause applies only if this contract involves experimental, developmental, research, or demonstration work.

52.230-6 Administration of Cost Accounting Standards (APR 1996). Add "Buyer and the" before "Contracting Officer in paragraph (f). This provision applies if clause H001, H002, or H004 is included in Buyer's contract.

52.244-6 Subcontracts for Commercial Items and Commercial Components (OCT 1995)

52.245-2 Government Property (Fixed Price Contracts) (DEC 1989). This clause is not applicable if this contract incorporates Form GP4. "Government" shall mean Government throughout except the first time it appears in paragraph (f) when "Government" shall mean the Government or the Buyer.

52.247-67 Submission of Commercial Transportation Bills to the General Services Administration for Audit (FEB 1995).

2. NASA Contracts. If this contract is placed under a National Aeronautics and Space Administration contract, the following contract clauses are incorporated by reference from the National Aeronautics and Space Administration Federal Acquisition Regulation Supplement and apply to the extent indicated. In all of the

following clauses, "Contractor" means Seller. Unless otherwise provided, the clauses are those in effect as of the date of this contract.

18-52.208-81 Restrictions on Printing and Duplicating (AUG 1993).

18-52.219-74 Use of Rural Area Small Businesses (SEP 1990). This clause applies only if this contract offers subcontracting possibilities.

18-52.219-75 Small Business and Small Disadvantaged Business Subcontracting Reporting (OCT 1995). This clause applies if FAR 52.219-9 is included in this contract.

18-52.223-70 Safety and Health (FEB 1996). This clause applies only if this contract exceeds \$1,000,000 or construction, repairs or alteration in excess of \$100,000, or it involve the use of hazardous materials or operations.

18-52.225-70 Export Licenses (FEB 2000).

18-52.227-14 Rights in Data — General. This clause applies only if data will be produced, furnished or acquired under this contract except contracts for basic or applied research with universities or colleges.

18-52.227-70 New Technology (FEB 1996). This clause only applies if this Contract is for experimental, developmental, or research work and Seller is other than a small business firm or nonprofit organization.

18-52.227-72 Designation of New Technology Representative (APR 1984). The new technology representative (if any) will be designated in this contract. This is applicable to this contract if it includes a "New Technology" clause or a " Patents Rights -- Retention by the Contract (Short Form)" clause.

18-52.228-78 Cross-Waiver of Liability for NASA Expendable Launch Vehicle (ELV) Launches (SEP 1993).

18-52.244-70 Geographic Participation in the Aerospace Program (APR 1985). This clause applies only if this contract is for \$100,000 or more.

18-52.245-73 Financial Reporting of Government-Owned/Contractor-Held Property (SEP 1996). Seller will submit annual reports to Buyer no later than October 15.

3. If goods or services being procured under this contract are for commercial items and clause H203 is set forth in the purchase order, the foregoing Government clauses in Section 1 above are deleted and the following FAR clauses are inserted in lieu thereof:

52.222-26 Equal Opportunity (subparagraph (b)(1) through (11)) (APR 1984).

52.222-35 Affirmative Action for Special Disabled and Vietnam Era Veterans (APR 1984). This clause applies only if this contract exceeds \$10,000.

52.222-36 Affirmative Action for Handicapped Workers (APR 1984). This clause applies only if this contract exceeds \$2,500.

4. Cost Accounting Standards

(1) (Applicable if this contract incorporates clause H001). The version of FAR 52.230-2, Cost Accounting Standards, incorporated by clause H001 is the version dated April, 1996.

(2) (Applicable if this contract incorporates clause H002). The version of FAR 52.230-3, Disclosure and Consistency of Cost Accounting Practices, incorporated by clause H002 is the version dated November 1993.

(3) (Applicable if this contract incorporates clause H003). The version of FAR 52.230-4, Consistency in Cost Accounting Practices, incorporated by clause H003 is the version dated August 1992.