

**CUSTOMER CONTRACT REQUIREMENTS
GUIDANCE REPLACEMENT PROGRAM
TRW SUBCONTRACT 64020K6U9H
UNDER GOVERNMENT CONTRACT F42610-98-C-0001**

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 (JAN 1997). 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.

52.204-2 Security Requirements (AUG 1996). "Changes clause" means the changes clause of this contract. This clause applies only if access to classified material is required.

52.211-5 New Material (OCT 1997). Any notice will be given to Buyer rather than the Contracting Officer.

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.

52.215-10 Price Reduction For Defective Cost or Pricing Data (OCT 1997). This clause applies only if this contract exceeds \$500,000 and is not otherwise exempt. In subparagraph (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."

52.215-12 Subcontractor Cost or Pricing Data (OCT 1997). This clause applies only if this contract exceeds \$500,000 and is not otherwise exempt. 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."

52.215-14 Integrity of Unit Prices (excluding subparagraph (b)) (OCT 1997). This clause applies except for contracts at or below \$100,000; construction or architect-engineer services under FAR Part 36; utility services under FAR Part 41; services where supplies are not required; commercial items; and petroleum products.

52.215-15 Pension Adjustments and Asset Reversions (DEC 1998). This Clause applies to this contract if it meets the requirements of FAR 15.408(g).

52.215-18 Reversion or Adjustment of Plans for Postretirement Benefits Other Than Pensions (PRB) (OCT 1997). This Clause applies to this contract if it meets the requirements of FAR 15.408(j).

52.215-19 Notification of Ownership Changes (OCT 1997). This Clause applies to this contract if it meets the requirements of FAR 15.408(k).

52.215-20 Requirements for Cost or Pricing Data or Information Other Than Cost or Pricing Data (OCT 1997). The term "Contracting Officer" shall mean Buyer.

52.215-21 Requirements for Cost or Pricing Data or Information Other Than Cost or Pricing Data - Modifications (OCT 1997). This clause applies only if this contract exceeds the threshold set forth in FAR 15.403-4. The term "Contracting Officer" shall mean Buyer.

52.219-8 Utilization of Small Business Concerns (JAN 1999).

52.219-9 Small, Small Disadvantaged, and Women-Owned Small business Subcontracting Plan (JAN 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. In paragraph (c), "Contracting Officer" shall mean Buyer.

52.222-1 Notice to Government of Labor Disputes (FEB 1997). "Contracting Officer" shall mean Buyer.

52.222-2 Payment for Overtime Premiums (JUL 1990). For the purposes of this clause the blank(s) are completed as follows: (a) does not exceed "zero."

52.222-4 Contract Work Hours and Safety Standards Act — Overtime Compensation (JUL 1995). This clause applies only if this contract exceeds \$100,000. Buyer may withhold or recover from Seller the amount of any sums the Contracting Officer withholds or recovers from Buyer because of liabilities of Seller or its subcontractors under this clause.

52.222-20 Walsh-Healy Public Contracts Act (DEC 1996). This clause applies only if this contract exceeds \$10,000.

52.222-21 Prohibition of Segregated Facilities (FEB 1999).

52.222-26 Equal Opportunity (subparagraph (b)(1) through (11)) (FEB 1999).

52.222-35 Equal Opportunity for Special Disabled, Veterans of the Vietnam Era, and Other Eligible Veterans (APR 1998). This clause applies only if this contract exceeds \$10,000.

52.222-36 Affirmative Action for Workers With Disabilities (JUN 1998). This clause applies only if this contract exceeds \$ 10,000.

52.222-37 Employment Reports on Special Disabled Veterans, Veterans of the Vietnam Era, and Other Eligible Veterans (JAN 1999). This clause applies only if this contract exceeds \$10,000.

52.222-41 Service Contract Act of 1965, As Amended (MAY 1989). This clause only applies to contracts which are subject to this act.

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

52.223-3 Hazardous Material Identification and Material Safety Data (JAN 1997). This clause applies only if Seller delivers hazardous material under this contract.

52.223-13 Certification of Toxic Chemical Release Reporting (OCT 1996). Except for commercial items as defined in FAR Part 2, 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 1996). This clause applies only if this contract was competitively awarded, exceeds \$100,000 (including all options), is not for commercial items as defined in FAR Part 12 and Seller has a SIC designation of major groups 20 through 39 as set forth in FAR 19.102.

52.225-10 Duty-Free Entry (APR 1984). This clause applies only if supplies are to be afforded duty-free entry or foreign supplies in excess of \$10,000 may be imported into the customs territory of the United States.

52.225-11 Restrictions on Certain Foreign Purchases (AUG 1998).

52.227-1 Authorization and Consent (JUL 1995).

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.

52.227-9 Refund of Royalties (APR 1984). This clause applies only if the amount of royalties reported during negotiation of this contract exceeds \$250.

52.227-10 Filing of Patent Applications - Classified Subject Matter (APR 1984). This clause applies only if this contract will involve access to classified information.

52.227-11 Patent Rights - Retention by the Contractor (Short Form) (JUN 1997). This clause only applies if this Contract is for experimental, developmental, or research work and Seller is a small business firm or nonprofit organization.

52.227-12 Patent Rights - Retention by the Contractor (Long Form) (JAN 1997). 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.

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

52.227-17 Rights in Data - Special Works (JUN 1987).

52.228-5 Insurance - Work on a Government Installation (JAN 1997). Seller shall provide and maintain insurance as set forth in this contract.

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 3050 or 3051 is included in Buyer's contract.

52.234-1 Industrial Resources Developed Under Defense Production Act Title III (OCT 1994).

52.237-2 Protection of Government Buildings, Equipment, and Vegetation (APR 1984). This clause applies only if work will be performed on a Government installation. "Contracting Officer" shall mean Buyer.

52.242-15 Stop Work Order (AUG 1989). Change "90 days" and "30 days" to "100 days" and "10 days" respectively. The terms "Contracting Officer" and "Government" shall mean Buyer.

52.244-5 Competition in Subcontracting (DEC 1996)

52.244-6 Subcontracts for Commercial Items (OCT 1998)

52.245-2 Government Property (Fixed Price Contracts) (DEC 1989) (DEVIATION) (IAW FAR 45.106(b)(1), and DDP Memo dated 22 Sep 98, DAR Tracking #98-O0011). 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.

52.245-17 Special Tooling (DEC 1989) (DEVIATION) (IAW FAR 45.306(a)(1), and DDP Memo dated 22 Sep 98, DAR Tracking #98-O0011) . This clause applies only if tooling is acquired for or furnished by the Government and to be retained for use by the Seller.

52.245-18 Special Test Equipment (FEB 1993). Change "30 days" to "45 days" in paragraph (b) and (c). The notice of intent to procure special test equipment required by this clause shall be forwarded to the Buyer.

52.247-63 Preference for U.S.-Flag Air Carriers (JAN 1997). This clause only applies if this contract involves international air transportation.

52.247-64 Preference for Privately-Owned U.S. Flag Commercial Vessels (JUN 1997). In paragraph (C)(2) "20" and "30" are changed to 10 and 20 respectively.

52.247-67 Submission of Commercial Transportation Bills to the General Services Administration for Audit (JUN 1997).

52.248-1 Value Engineering (excluding subparagraph (f)) (MAR 1989). This clause applies only if (i) this contract is for \$100,000 or more; and (ii) this contract is not for (a) research and development other than full-scale development, (b) engineering services from not-for-profit or nonprofit organization, (c) personal services, (d) product or component improvement, or (e) commercial product that does not involve packaging specifications or other special requirements or specifications. "Contracting Officer" shall mean Buyer. Seller's negotiated share of the net acquisition savings or collateral savings shall not reduce the Government's share of concurrent or future savings or collateral savings. Buyer's payments to Seller under this clause are conditioned upon Buyer's receipt of authorization of such payments from the Government.

2. DoD Contracts. If this Contract is placed under a Department of Defense Contract, the following contract clauses are incorporated by reference from the Department of Defense Federal Acquisition Regulation

Supplement and apply to the extent indicated. In all of the following clauses, "Contractor" and "Offeror" mean Seller except as otherwise noted. Unless otherwise provided, the clauses are those in effect as of the date of this contract.

252.204-7000 Disclosure of Information (DEC 1991). Seller will submit requests for authorization to release through Buyer.

252.209-7000 Acquisition From Subcontractors Subject to On-site Inspection Under the Intermediate-Range Nuclear Forces Treaty (NOV 1995). This clause applies only if this contract exceeds \$100,000 and does not apply to the purchase of commercial items or commercial components.

252.211-7000 Acquisition Streamlining (DEC 1991). This clause applies only if this contract exceeds \$1 million.

252.215-7000 Pricing Adjustments (DEC 1991). This clause applies only if this contract exceeds \$500,000.

252.223-7001 Hazard Warning Labels (DEC 1991). This clause applies only if Seller delivers hazardous material under this contract.

252.223-7002 Safety Precautions for Ammunition and Explosives (MAY 1994). This clause applies only if this contract involves ammunition or explosives. "Government" means Government or Buyer in paragraph (b)(2), each time it appears in (e), (f)(1), (f)(2), the first time it appears in (g)(1)(i), and in (g)(3). "Government" means Buyer in paragraphs (c)(3), (c)(4), (c)(5), and the second time it appears in (g)(1)(i). "Contracting Officer" means Contracting Officer and Buyer in paragraph (g)(4). "Contracting Officer" means Buyer in paragraphs (c)(1), (c)(2), (c)(3), (c)(4), (c)(5), and each time it appears in (d).

252.223-7003 Change in Place of Performance – Ammunition and Explosives (DEC 1991). This clause applies only if DFARS 252.223-7002 is applicable to this contract. The term "Contracting Officer" means Buyer.

252.223-7006 Prohibition on Storage and Disposal of Toxic and Hazardous Materials (APR 1993). This clause applies to this contract if it requires, may require, or permits Seller to treat or dispose of non-DoD-owned toxic or hazardous materials as defined in this clause.

252.223-7007 Safeguarding Sensitive Conventional Arms, Ammunition, and Explosives (FEB 1996).

252.225-7009 Duty-free Entry — Qualifying Country Supplies (End Products and Components) (MAR 1998).

252.225-7010 Duty-free Entry — Additional Provisions (MAR 1998). This clause applies in addition to FAR 52.225-10. Additional information referenced in this clause is available on request.

252.225-7012 Preference for Certain Domestic Commodities (JAN 1999).

252.225-7014 Preference for Domestic Specialty Metals (MAR 1998), Alternate I (MAR 1998).

252.225-7015 Preference for Domestic Hand or Measuring Tools (DEC 1991)

252.225-7016 Restriction on Acquisition of Ball and Roller Bearings (AUG 1998). This clause does not apply to the purchase of commercial items other than ball or roller bearings or to items which contain no ball or roller bearings.

252.225-7022 Restriction on Acquisition of Polyacrylonitrile (PAN) Based Carbon Fiber (JUN 1997). "Contracting Officer" means Buyer. This clause applies only if the product furnished under this contract contains polyacrylonitrile carbon fibers (alternatively referred to as PAN-based carbon fibers or PAN-based graphite fibers).

252.225-7024 Restriction on Night Vision Intensifier Tubes and Devices (DEC 1991).

252.225-7025 Restriction on Acquisition of Forgings (JUN 1997). This clause applies only if this contract is for goods that contain restricted forging items per paragraphs (a) and (b) of the referenced clause.

252.225-7026 Reporting of Contract Performance Outside the United States (MAR 1998). This clause applies only if this contract exceeds \$500,000 and is not for commercial items, construction, ores, natural gases, utilities, petroleum products and crudes, timber (logs), or subsistence.

252.227-7013 Rights in Technical Data - Noncommercial Items (NOV 1995). This clause applies only if the delivery of data is required for noncommercial items under this contract.

252.227-7014 Rights in Noncommercial Computer Software and Noncommercial Computer Software Documentation (JUN 1995). This clause applies only if the delivery of noncommercial computer software or noncommercial computer documentation may be originated, developed or delivered under this contract.

252.227-7015 Technical Data - Commercial Items (NOV 1995). This clause applies only if the delivery of data is required for commercial items under this contract.

252.227-7016 Rights in Bid or Proposal Information (JUN 1995).

252.227-7017 Identification and Assertion of Use, Release, or Disclosure Restrictions (JUN 1995).

252.227-7018 Rights in Noncommercial Technical Data and Computer Software - Small Business Innovation Research (SBIR) Program (JUN 1995). This clause applies only if the delivery of noncommercial technical data or computer software to the Government is required under Buyer's prime contract.

252.227-7019 Validation of Asserted Restrictions - Computer Software (JUN 1995). This clause applies only if computer software may be originated, developed, or delivered under this contract.

252.227-7025 Limitations on the Use or Disclosure of Government Furnished Information Marked with Restrictive Legends (JUN 1995)

252.227-7026 Deferred Delivery of Technical Data or Computer Software (APR 1988). This clause applies only if the delivery of data is required or if computer software may be originated, developed or delivered under this contract.

252.227-7027 Deferred Ordering of Technical Data or Computer Software (APR 1988). This clause applies only if technical data or computer software may be generated as part of the performance of this contract.

252.227-7028 Technical Data or Computer Software Previously Delivered to the Government (JUN 1995). This clause applies only if technical data or computer software will be delivered with limitations on the Government's rights to use or disclose the technical data or computer software.

252.227-7030 Technical Data - Withholding of Payment (OCT 1988). In this clause, "Government" and "Contracting Officer" shall mean Buyer. This clause applies only if the delivery of technical data is required under this contract.

252.227-7036 Declaration of Technical Data Conformity (MAY 1987). This clause applies only if the delivery of data is required by this contract.

252.227-7037 Validation of Restrictive Markings on Technical Data (NOV 1995). This clause applies only if the delivery of data is required by this contract.

252.228-7005 Accident Reporting and Investigation Involving Aircraft, Missiles, and Space Launch Vehicles (DEC 1991).

252.231-7000 Supplemental Cost Principles (DEC 1991)

252.234-7001 Earned Value Management System (MAR 1998). This clause is applicable only if this contract states that the Earned Value Management System criteria applies to Seller.

252.235-7002 Animal Welfare (DEC 1991). This clause only applies if this contract involves research of live vertebrate animals.

252.235-7003 Frequency Authorization (DEC 1991), Alternate I (DEC 1991). This clause applies only if this contract requires the development, production, construction, testing, or operation of a device for which a radio frequency authorization is required.

252.239-7000 Protection Against Compromising Emanations (DEC 1991). This clause applies only if computer equipment or systems that will be used to process classified information will be delivered under this contract.

252.243-7001 Pricing of Contract Modifications (DEC 1991)

252.245-7001 Reports of Government Property (MAY 1994). Seller will provide information that the Buyer may require to complete Buyer's annual report.

252.246-7001 Warranty of Data (DEC 1991). The warranty period in paragraph (b) is three years from the Government's acceptance of the final items of data under this contract. "Government" and "Contracting Officer" shall mean Buyer.

252.247-7023 Transportation of Supplies by Sea (NOV 1995). This clause applies only if this contract exceeds \$100,000.

252.247-7024 Notification of Transportation of Supplies by Sea (NOV 1995). "Contracting Officer" and, in the first sentence of paragraph (a), "Contractor" mean Buyer. This clause applies only if the supplies being transported are not for commercial items or components.

252.249-7002 Notification of Proposed Program Termination or Reduction (DEC 1996). This clause applies only if this contract is \$500,000 or more. Seller will comply with the notice and flowdown requirements of paragraph (d)(2) of the referenced clause.

252.251-7000 Ordering From Government Supply Sources (MAY 1995). This clause applies only if Seller is notified by Buyer that Seller is authorized to purchase from Government supply sources in the performance of this contract.

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 Sections 1 and 2 above are deleted and the following FAR clauses are inserted in lieu thereof:

52.222-26 Equal Opportunity (subparagraph (b)(1) through (11)) (FEB 1999).

52.222-35 Affirmative Action for Special Disabled and Vietnam Era Veterans (APR 1998). This clause applies only if this contract exceeds \$10,000.

52.222-36 Affirmative Action for Handicapped Workers (JUN 1998). This clause applies only if this contract exceeds \$10,000.

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 1998.

(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 April 1998.

(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.

(4) (Applicable if this contract incorporates clause H004). The version of FAR 52.230-5, Cost Accounting Standards – Educational Institution, incorporated by clause H004 is the version dated April 1996.

5. The following prime contract special provisions apply to this purchase order:

A. NOTIFICATION OF DEBARMENT/SUSPENSION STATUS

Seller shall provide immediate notice to Buyer in the event of being suspended, debarred or declared ineligible by any Department or other Federal Agency, or upon receipt of a notice of proposed debarment from any DoD Agency, during the performance of this Contract.

B. THE AEROSPACE CORPORATION ENABLING CLAUSE

(1) The U.S. Air Force has entered into a contract with The Aerospace Corporation for the services of a technical group that provides support to the Air Force Program Executive Officer/Space (AFPEO/SP) by performing Technical Review tasks. Tasks performed by The Aerospace Corporation on the prime contract will be authorized the Air Force's Special Project Office responsible for the prime contract (the ICBM SPO). The tasks are defined in paragraph (2), below.

(2) The Aerospace Corporation, in providing support to AFPEO/SP, may be required to attend specified meetings and will have access to Seller's technical data at those meetings. Seller agrees to allow The Aerospace Corporation's attendance in meetings so designated by the ICBM SPO. In additional instances, The Aerospace Corporation may require that Seller's data be provided in order to support AFPEO/SP tasks. The Aerospace Corporation will request such data from the ICBM SPO, which will obtain the data from the prime contractor (TRW) and provide it to The Aerospace Corporation.

(3) Seller further agrees to include in each subcontract a clause requiring compliance by its subcontractor and succeeding levels of subcontractors with the response and access provisions of paragraph (2), above. This agreement does not relieve Seller or its subcontractors of their responsibility for managing subcontracts effectively and efficiently, nor is it intended to establish privity of contract between the Government or The Aerospace Corporation and such subcontractors.

(4) The Aerospace Corporation personnel are not authorized to direct Seller in any manner. Neither are they authorized direct contact with TRW without first contacting the ICBM SPO.

(5) Technical direction under this contract will be given to Seller solely by Buyer. Seller shall not proceed with any direction that results in a change to this contract unless authorized by Buyer.

(6) Seller acknowledges that during the performance of this contract The Aerospace Corporation will have access to proprietary information provided by Seller and its subcontractors. It is the responsibility of Seller to enter into any necessary agreements with The Aerospace Corporation in order to ensure protection of proprietary information from unauthorized use or disclosure.