

CUSTOMER CONTRACT REQUIREMENTS
Novel Control Effectors for Truss Braced Wing
CUSTOMER CONTRACT NNL10AA00B; Task Order NNL11AC32T

CUSTOMER CONTRACT REQUIREMENTS

The following customer contract requirements apply to this contract to the extent indicated below. If this contract is for the procurement of commercial items under a Government prime contract, as defined in FAR Part 2.101, see Section 3 below.

1. FAR Clauses 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 (SEP 2006).

This clause applies only if this contract exceeds (i) \$100,000 if included in Buyer's customer RFP or customer contract issued before October 1, 2010 or (ii) \$150,000 if included in Buyer's customer RFP issued on or after October 1, 2010, or if the prime contract was issued prior to October 1, 2010 but was amended after October 1, 2010 to increase the Simplified Acquisition Threshold.

52.203-7 Anti-Kickback Procedures (OCT 2010). Buyer may withhold from 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 \$150,000.

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 (i) \$100,000 if included in Buyer's customer RFP or customer contract issued before October 1, 2010 or (ii) \$150,000 if included in Buyer's customer RFP issued on or after October 1, 2010, or if the prime contract was issued prior to October 1, 2010 but was amended after October 1, 2010 to increase the Simplified Acquisition Threshold. 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.

52.203-12 Limitation on Payments to Influence Certain Federal Transactions (OCT 2010). This clause applies only if this contract exceeds \$150,000. Paragraph (g)(2) is modified to read as follows: "(g)(2) 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."

52.204-7 Central Contractor Registration (APR 2008).

"Government" means Government except as otherwise stated herein. In paragraph (a) in the definition of Central Contractor Registration (CCR), "Government" means Government the first time it is used; "Government" means Buyer the second time it is used. In paragraph (a) in the definition of Data Universal Numbering System+4 (DUNS+4) number, establishing the 4-character suffix will not assist EFT from Buyer to Seller. In subparagraph (b)(2), "Contracting Officer" means Buyer. In the second sentence in subparagraph (c)(1)(ii), delete "for" and insert "under" in lieu thereof. In paragraph (d), "Contracting Officer" means Buyer. In paragraph (f), "Government's" means "Buyer's." Paragraph (g) is deleted.

52.204-10 Reporting Executive Compensation And First-Tier Subcontract Awards (JUL 2010).

Delete all paragraphs except (b). Contractor means Buyer in paragraph (b). The "required information" in paragraph (b) that will be made public includes the information required as set forth in the deleted paragraphs.

52.209-6 Protecting the Government's Interests When Subcontracting With Contractors Debarred, Suspended or Proposed for Debarment (DEC 2010). This clause applies to contracts that exceed \$30,000 and is not a contract or subcontract for commercially available off-the-shelf items. "Contracting Officer" means "Buyer." Seller shall disclose to Buyer, in writing, whether as of the time of Buyer's offered contract herein, Seller or its principals, is or is not debarred, suspended or proposed for debarment by the Federal Government.

52.215-2 Audit and Records-Negotiation (OCT 2010) Alternate I (MAR 2009). This clause applies if this contract is funded in whole or in part with Recovery Act funds. If 52.215-2, with Alternate I applies, 52.215-2, without Alternate I is deleted. This clause applies if this contract exceeds (i) \$100,000 if included in Buyer's customer RFP or customer contract issued before October 1, 2010 or (ii) \$150,000 if included in Buyer's customer RFP issued on or after October 1, 2010, or if the prime contract was issued prior to October 1, 2010 but was amended after October 1, 2010 to increase the Simplified Acquisition Threshold and (iii) is cost-reimbursement, incentive, time-and-materials, labor-hour or price redeterminable type or any combination of these for which cost or pricing data are required or for which Buyer is required to furnish reports to the Government in accordance with paragraph (e) of this clause.

52.215-10 Price Reduction for Defective Cost or Pricing Data (OCT 1997). This clause applies only if this contract exceeds the threshold set forth in FAR 15.403-4 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 Certified Cost or Pricing Data (OCT 2010). This clause applies only if this contract exceeds the threshold set forth in FAR 15.403-4 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 "to The Boeing Company or The Boeing Company's representative (including data submitted, when applicable, to an authorized representative of the U.S. Government)."

52.215-14 Integrity of Unit Prices (OCT 2010). This clause applies except for contracts at or below \$150,000; 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 (OCT 2010). 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 Post-Retirement Benefits (PRB) Other Than Pensions (JUL 2005). 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).

52.215-21 Requirement for Certified Cost or Pricing Data or Information Other Than Certified Cost and Pricing Data - Modifications (OCT 2010). This clause applies only if this contract exceeds the threshold set forth in FAR 15.403-4. The term "Contracting Officer" shall mean Buyer.

52.215-23 Limitations on Pass-Through Charges. (OCT 2009).

This clause applies to all cost-reimbursement subcontracts that exceeds (i) \$100,000 if included in Buyer's customer RFP or customer contract issued before October 1, 2010 or (ii) \$150,000 if included in Buyer's customer RFP issued on or after October 1, 2010, or if the prime contract was issued prior to October 1, 2010 but was amended after October 1, 2010 to increase the Simplified Acquisition Threshold. If the contract is with DoD, then this clause applies to all cost-reimbursement subcontracts and fixed-price subcontracts, except those identified in 15.408(n)(2)(i)(B)(2), that exceed the threshold for obtaining cost or pricing data in accordance with FAR

15.403-4. In paragraph (c), "Contracting Officer" shall mean Buyer.

52.219-8 Utilization of Small Business Concerns (JAN 2011).

52.219-9 Small-Business Subcontracting Plan (JAN 2011).

This clause applies only if this contract exceeds \$650,000 and Seller is not a small business concern. Seller shall adopt a subcontracting plan that complies with the requirements of this clause. In addition, Seller shall submit to Buyer Form X31162, Small and Small Disadvantaged Business and Women-Owned Small Business Subcontracting Plan Certificate of Compliance. In accordance with paragraph (d)(10)(iv), Seller agrees that it will submit the ISR and/or SSR using eSRS, and, in accordance with paragraph (d)(10)(vi), Seller agrees to provide the prime contract number, its own DUNS number, and the email address of Seller's official responsible for acknowledging or rejecting the ISRs, to its subcontractors with subcontracting plans.

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

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

52.222-26 Equal Opportunity (MAR 2007).

52.222-35 Equal Opportunity for Veterans. (SEP 2010). This clause applies only if this contract is \$100,000 or more.

52.222-36 Affirmative Action For Workers With Disabilities (OCT 2010). This clause applies only if this contract exceeds \$15,000.

52.222-37 Employment Reports on Veterans (SEP 2010). This clause applies if this contract is \$100,000 or more.

52.222-40 Notification of Employee Rights Under the National Labor Relations Act. (DEC 2010).

52.222-50 Combating Trafficking in Persons (FEB 2009). In paragraph (d), the term "Contracting Officer" means Buyer, and in paragraph (e), the term "the Government" means Buyer.

52.222-54 Employment Eligibility Verification (JAN 2009).

This clause applies to all subcontracts that (1) are for (i) commercial or noncommercial services (except for commercial services that are part of the purchase of a COTS item, or an item that would be a COTS item, but for minor modifications performed by the COTS provider and are normally provided for that COTS item), or (ii) construction; (2) has a value of more than \$3,000; and (3) includes work performed in the United States.

52.223-14 Toxic Chemical Release Reporting (AUG 2003). 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).

52.223-18 Contractor Policy To Ban Text Messaging While Driving (SEP 2010).

52.225-13 Restriction on Certain Foreign Purchases (JUN 2008).

52.227-1 Authorization and Consent (DEC 2007).

52.227-1 Authorization and Consent Alternate I (APR 1984).

52.227-2 Notice and Assistance Regarding Patent and Copyright Infringement (DEC 2007). A copy of each notice sent to the

Government will be sent to Buyer.

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 (JUN 2010). Add "Buyer and the" before "CFAO" in paragraph (m). This provision applies if clause H001, H002, H004 or H007 is included in this contract.

52.242-15 Stop-Work Order Basic (AUG 1989), Alternate I (APR 1984) . Change "90 days" and "30 days" to "100 days" and "20 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 (DEC 2010).

The clauses listed in paragraph (c) (1) are applicable to Seller and incorporated in this contract.

52.245-1 Government Property (AUG 2010).

This clause applies only if Government property is acquired or furnished for contract performance. "Government" shall mean Government throughout except the first time it appears in paragraph (g)(1) when "Government" shall mean the Government or the Buyer. Paragraph (h)(1) is deleted and replaced by the following: "Seller assumes the risk of, and shall be responsible for, any loss, damage, destruction, or theft of Government property upon its delivery to Seller as Government-furnished property. However, Seller is not responsible for reasonable wear and tear to Government Property or for Government property properly consumed in performing this contract." If the contract incorporates Boeing General Provision GP4, the Government-Owned Property article in GP4 is hereby deleted.

2. NASA FAR Supplement Clauses NASA Contracts. 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.

1852.204-76 Security Requirements for Unclassified Information Technology Resources (JAN 2011). This clause applies if this contract meets the requirements of paragraph b. of this clause.

1852.208-81 Restrictions on Printing and Duplicating (NOV 2004).

1852.211-70 Packaging, Handling, and Transportation (SEP 2005).

1852.219-74 Use of Rural Area Small Businesses (SEP 1990). This clause applies only if this contract offers subcontracting possibilities.

1852.219-75 Small Business Subcontracting Reporting (MAY 1999). This clause applies if FAR 52.219-9 is included in this contract.

1852.219-76 NASA 8 Percent Goal (JUL 1997). This clause applies only if Seller is not a small business.

1852.223-72 Safety and Health (Short Form) (APR 2002). This clause applies only if this contract exceeds \$3,000.

1852.225-70 Export Licenses (FEB 2000).

1852.227-14 Rights in Data - General (JAN 1980). 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.

1852.227-70 New Technology (MAY 2002). 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..

1852.227-72 Designation of New Technology Representative and Patent Representative (JUL 1997). 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.

1852.237-73 Release of Sensitive Information (JUN 2005). This clause applies only if Seller may be required to furnish sensitive information in performance of this contract. Throughout the referenced clause, "this proposal" means Seller's proposal, and "this contract" means the contract between Buyer and Seller.

1852.242-73 NASA Contractor Financial Management Reporting (NOV 2004). This clause applies only if this contract is a cost-type, price redetermination or FPI contract. "Contracting Officer" shall mean Buyer's Authorized Procurement Representative.

1852.244-70 Geographic Participation in the Aerospace Program (APR 1985). This clause applies only if this contract is for \$100,000 or more.

1852.245-70 Contractor Requests for Government-Provided Equipment Basic (JAN 2011) . [excluding paragraph (b)(3)]. "Contracting Officer" shall mean Buyer. If the Government-Provided property is to be acquired as Special Test Equipment (STE), Seller shall submit the applicable request 75 days in advance of the date Seller intends to acquire the equipment. No later than 30 September of each year, Seller will provide Buyer a list of all property acquired under this clause. The list will include at a minimum: (1) part number; (2) serial number; (3) modification number, if any; (4) nomenclature; (5) acquisition cost; (6) acquisition date; and (7) the date of the prior year's list.

1852.245-73 Financial Reporting of NASA Property in the Custody of Contractors (JAN 2011). Seller will submit annual reports to Buyer no later than October 15th.

3. Commercial Items If goods or services being procured under this contract are 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/DFARS clauses are inserted in lieu thereof:

52.219-8 Utilization of Small Business Concerns (JAN 2011).

52.222-26 Equal Opportunity (MAR 2007).

52.222-35 Equal Opportunity for Veterans. (SEP 2010). This clause applies only if this contract is \$100,000 or more.

52.222-36 Affirmative Action For Workers With Disabilities (OCT 2010). This clause applies only if this contract exceeds \$15,000.

52.222-50 Combating Trafficking in Persons (FEB 2009). In paragraph (d), the term "Contracting Officer" means Buyer, and in paragraph (e), the term "the Government" means Buyer.

52.222-54 Employment Eligibility Verification (JAN 2009).

This clause applies to all subcontracts that (1) are for (i) commercial or noncommercial services (except for commercial services that are part of the purchase of a COTS item, or an item that would be a COTS item, but for minor modifications performed by the COTS provider and are normally provided for that COTS item), or (ii) construction; (2) has a value of more than \$3,000; and (3) includes work performed in the United States.

52.223-18 Contractor Policy To Ban Text Messaging While Driving (SEP 2010).

4. Cost Accounting Standards

52.230-2 Cost Accounting Standards (OCT 2010).

- (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 October 2010.
- (2) (Applicable if this contract incorporates clause H002) The version of FAR 52.230-3, Disclosure and Consistency of Cost Accounting Practices, incorporated by H002 is the version dated October 2008.
- (3) (Applicable if this contract incorporates clause H004) The version of FAR 52.230-5, Cost Accounting Standards - Educational Institution, is the version dated October 2010.
- (4) (Applicable if this contract incorporates clause H007) The version of FAR 52.230-4, Disclosure and Consistency of Cost Accounting Practices-Foreign Concerns, is the version dated June 2010.

5. Prime Contract Special Provisions The following prime contract special provisions apply to this purchase order

52.227-14 Rights in Data - General (DEC 2007) as modified by NFS 1852.227-14 . .

Access to the LaRC by non-U.S. citizen employees, including those in permanent resident alien status, shall be approved in accordance with NPR 1371.2A, "Requirements for Processing Requests for Access to NASA Installations or Facilities by Foreign Nationals or U.S. Citizens Who are Reps of Foreign Entities". Processing requires advance notice of a minimum of 20 days depending on the nationality of the non-U.S. citizen or foreign representative. Access authorization shall be for a maximum of one year and must be re-evaluated annually. Non-U.S. citizen employees or foreign representatives must be under escort at all times while on Center (by a NASA Civil Servant or permanently badged contractor) unless otherwise approved by the International Visitors Coordinator (IVC).

LARC 52.211-104 OBSERVATION OF REGULATIONS AND IDENTIFICATION OF CONTRACTOR'S EMPLOYEES (FEB 2007) .

1. Observation of Regulations -- In performance of that part of the contract work which may be performed at Langley Research Center (LaRC) or other Government installation, Seller shall require its employees to observe the rules and regulations as prescribed by the authorities at LaRC or other installation including all applicable Federal, NASA and Langley safety, health, environmental and security regulations.
2. Identification Credentials -- At all times while on LaRC property, Seller shall require its employees, subcontractors and agents to wear credentials issued by NASA LaRC. Contractors and subcontractors will be held accountable for these credentials, and may be required to validate its active employees on an annual basis with the NASA LaRC Security Office. Immediately upon employee termination or contract completion, badges shall be returned to the NASA LaRC Badge and Pass Office. It is agreed and understood that all NASA identification badges remain the property of NASA and the Government reserves the right to invalidate such badges at any time.
3. Employee Out Processing -- Seller shall ensure that all employees who are terminated or no longer connected with work being performed under this contract are out processed through the LaRC Badge and Pass Office. Badges and keys must be accounted for and returned.