

**CUSTOMER CONTRACT REQUIREMENTS**  
**N 3 Advanced Concept Study for the Subsonic Ultra Green Aircraft Research (SUGAR)**  
**CUSTOMER CONTRACT NNL11AA00T-NNL08AA16B**

**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 (JUL 1995).** 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 \$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 (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.

**52.203-11 Certification and Disclosure Regarding Payments to Influence Certain Federal Transactions (SEP 2007).**

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.

**52.203-12 Limitation on Payments to Influence Certain Federal Transactions (SEP 2007).**

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. 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."

**52.203-13 Contractor Code of Business Ethics and Conduct (DEC 2008).** This clause applies only if this contract is in excess of \$5,000,000 and has a period of performance of more than 120 days.

**52.203-14 Display of Hotline Poster(s)** (DEC 2007). This clause applies only if this contract is in excess of \$5,000,000 and is not for a commercial item or performed entirely outside the United States. For the purposes of this clause, the United States is defined as the 50 states, the District of Columbia, and outlying areas.

**52.203-15 Whistleblower Protections under the American Recovery and Reinvestment Act of 2009** (MAR 2009).

**52.204-9 Personal Identity Verification of Contractor Personnel.** (SEP 2007). This clause applies only if performance under this contract requires Seller to have routine physical access to a Federally-controlled facility and/or routine access to a Federally-controlled information system.

**52.204-11 American Recovery and Reinvestment Act--Reporting** (MAR 2009).

If this contract is in excess of \$25,000, Seller is not an individual, and in the previous tax year, Seller had gross income of \$300,000 or more, Seller shall promptly upon receipt of the contract provide Buyer's Authorized Procurement Representative the information described in subparagraphs (i), (ix), (x), and (xi) of paragraph (d) (10) of FAR 52.204-11. Buyer advises Seller that the information will be made available to the public as required by section 1512 of the Recovery Act.

**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 Basic (MAR 2009), Alternate I (MAR 2009)** (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.

**52.215-2 Audit and Records - Negotiation** (JUN 1999). 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.

**52.215-2 Audit and Records - Negotiation Alternate II** (APR 1998). 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 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."

**52.215-11 Price Reduction for Defective Cost or Pricing Data -- Modifications** (OCT 1997). This clause applies only if this contract exceeds the threshold set forth in FAR 15.403-4 and is not otherwise exempt. "Contracting Officer" shall mean "Contracting Officer or Buyer." In subparagraph (d)(2)(i)(A), delete "to the Contracting Officer." In subparagraph (d)(2)(ii)(B), "Government"

means "Government" or "Buyer." In Paragraph (e), "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 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)."

**52.215-13 Subcontractor Cost or Pricing Data -- Modifications** (OCT 1997). 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 (c) 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 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. This clause does not apply to 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 2004). 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 Cost or Pricing Data or Information Other Than Cost and 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** (MAY 2004).

**52.219-9 Small-Business Subcontracting Plan** (APR 2008).

This clause applies only if this contract exceeds \$550,000 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 the Government or Contractor official responsible for acknowledging or rejecting the reports, to its subcontractors with subcontracting plans.

**52.219-9 Small-Business Subcontracting Plan** (NOV 2007). This clause applies only if this contract exceeds \$550,000 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.

**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 Special Disabled Veterans, Veterans of the Vietnam Era, and Other Eligible Veterans** (SEP 2006). This clause applies only if this contract exceeds \$100,000.

**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** (SEP 2006). This clause applies only if this contract exceeds \$100,000.

**52.222-39 Notification of Employee Rights Concerning Payment of Union Dues or Fees** (DEC 2004).

**52.222-50 Combating Trafficking in Persons** (AUG 2007). In paragraph (d), the term “Contracting Officer” means Buyer, and in paragraph (e), the term “the Government” means Buyer.

**52.223-3 Hazardous Material Identification and Material Safety Data Basic (JAN 1997), Alternate I (JUL 1995)** . This clause applies only if Seller delivers hazardous material under this contract.

**52.223-13 Certification of Toxic Chemical Release Reporting** (AUG 2003). 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** (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).

**52.223-15 Energy Efficiency In Energy-Consuming Products** (DEC 2007).

**52.225-13 Restriction on Certain Foreign Purchases** (FEB 2006).

**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.

**52.227-11 Patent Rights -- Ownership by the Contractor** (DEC 2007). This clause applies only if this contract is for experimental, developmental, or research work and Seller is a small business firm or nonprofit organization.

As Modified by 1852.227-11 Patent Rights - Retention by the Contractor (Short Form)

**52.227-14 Rights in Data--General** (DEC 2007).

This clause applies only if data, as defined in paragraph (a) of the clause, will be produced, furnished, or acquired under this contract.

**52.227-14 Rights in Data--General Alternate II** (DEC 2007).

This clause applies only if data, as defined in paragraph (a) of the clause, will be produced, furnished, or acquired under this contract.

**52.227-14 Rights in Data--General Alternate III** (DEC 2007).

This clause applies only if data, as defined in paragraph (a) of the clause, 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.

**52.227-17 Rights in Data-Special Works** (DEC 2007). As Modified by 1852.227-17 Rights in Data - Special Works

**52.227-19 Commercial Computer Software - Restricted Rights** (DEC 2007).

**52.230-6 Administration of Cost Accounting Standards** (MAR 2008). Add "Buyer and the" before "CFAO" in paragraph (m). This provision applies if clause H001, H002, or H004 is included in this contract.

**52.230-6 Administration of Cost Accounting Standards** (APR 2005). Add "Buyer and the" before "CFAO" in paragraph (m). This provision applies if clause H001, H002, or H004 is included in this contract.

**52.242-15 Stop-Work Order 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. In the first sentence of Alternate I, "the Termination clause of this contract" is modified to read "the Termination/Cancellation clause of this contract."

**52.244-5 Competition in Subcontracting** (DEC 1996).**52.244-6 Subcontracts for Commercial Items** (MAR 2007).**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.

**52.245-1 Property Records Alternate I** (AUG 2010). This clause applies only if Government property is acquired or furnished for contract performance. The Government-Owned Property article in GP4 is hereby deleted.

**52.245-1 Government Property Deviation** (DEC 2007).**52.245-1 Government Property** (JUN 2007).

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.

**52.245-1 Government Property Alternate I** (JUN 2007).

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. If the contract incorporates Boeing General Provision GP4, the Government-Owned Property article in GP4 is hereby deleted.

**52.245-2 Government Property Installation Operation Services** (JUN 2007).

**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** (MAY 2007). This clause applies if this contract meets the requirements of paragraph a. of this clause.

**1852.204-76 Security Requirements for Unclassified Information Technology Resources** (MAY 2007). This clause applies if this contract meets the requirements of paragraph a. 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.

**1852.223-70 Safety and Health Plan** (APR 2002).

**1852.223-71 Frequency Authorization** (DEC 1988). 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.

**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).

**1852.227-70 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.

**1852.227-86 Commercial Computer Software--Licensing** (DEC 1987). This clause applies only if Seller's software will be delivered to NASA under licensing.

**1852.237-72 Access to Sensitive Information** (JUN 2005).

**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.

**1852.245-73 Financial Reporting of NASA Property in the Custody of Contractors Deviation** (SEP 2007).

**1852.245-74 Identification and Marking of Government Equipment Deviation** (SEP 2007).

**1852.245-76 List of Government Property Furnished Pursuant to FAR 52.245-1 Deviation** (SEP 2007).

**1852.245-77 List of Installation-Accountable Property and Services Deviation** (SEP 2007).

**1852.245-78 Physical Inventory of Capital Personal Property (DEVIATION)** (SEP 2007).

**1852.247-71 Protection of the Florida Manatee** (MAR 1989). This clause applies only if this contract requires deliveries, vessel operations, dockside work, or disassembly functions that will involve use of waterways inhabited by manatees.

### 3. Cost Accounting Standards

**52.230-2 Cost Accounting Standards** (OCT 2008). (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 2008.

(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 H003) The version of FAR 52.230-5, Cost Accounting Standards - Educational Institution, is the version dated October 2008.

(4) (Applicable if this contract incorporates clause H007) The version of FAR 52.230-4, Disclosure and Consistency of Cost Accounting Standards for Contracts Awarded to Foreign Concerns, is the version dated October 2008.