

CUSTOMER CONTRACT REQUIREMENTS
High-Efficiency 5-Junction Solar Cell Development
CUSTOMER CONTRACT NRO000-11-C-0368

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.

52.203-11 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 (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."

52.209-6 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). 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 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. 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 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.

52.215-14 Integrity of Unit Prices Alternate I (OCT 1997).

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).

52.215-19 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.

52.215-21 Requirement for Cost or Pricing Data or Information Other Than Cost and Pricing Data - Modifications Alternate I (OCT 2010).

52.216-7 Allowable Cost and Payment (DEC 2002).

52.222-2 Payment for Overtime Premiums (JUL 1990).

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.

52.222-50 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.

52.223-13 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).

52.223-18 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 Basic (JUL 1995), 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.

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.

52.232-22 Limitation of Funds (APR 1984).

52.232-25 Prompt Payment (OCT 2008).

52.242-15 Stop-Work Order (AUG 1989). Change "90 days" and "30 days" to "100 days" and "20 days" respectively. The terms "Contracting Officer" and "Government" shall mean Buyer.

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."

52.242-16 Stop-Work Order Facilities (AUG 1989).

52.244-5 Competition in Subcontracting (DEC 1996).

52.244-6 Subcontracts for Commercial Items (DEC 2010).

2. NRO The following contract clauses are incorporated by reference from the NRO Acquisition Manual and apply to the extent indicated. In all of the following clauses, "Contractor" and "Offeror" shall mean Seller.

N52.203-001 NRO Inspector General and the NRO Hotline (AUG 2004). This clause applies only if this contract exceeds

\$100,000 and is not for commercial items or components.

N52.203-002 Prohibition on Persons Convicted of Fraud or Other Defense-Contract-Related Felonies (MAY 2003). This clause applies only if this contract exceeds \$100,000 and is not for the purchase of commercial items or commercial components. For the purposes of subparagraphs (b)(2) and (b)(3), "Government" shall mean Government or Buyer. In paragraph (c), "through the Buyer" is inserted after "Contracting Officer." Paragraph (d) is deleted.

N52.203-003 Personal Conduct (MAY 2003). This clause applies only if this contract requires Seller or its subcontractors to work at a Government work site.

N52.204-009 Release of Contract Information (JAN 2010).

N52.209-003 Organizational Conflict of Interest (SEP 2009).

N52.209-006 Enabling Clause for Prime and Support Contractor Relationships (AUG 2006). In paragraph (b), "Contracting Officer" shall mean "Buyer."

N52.219-001 Utilization Of Small Business Concerns (OCT 2003).

N52.219-002 Small Business Subcontracting Plan (AUG 2006).

N52.223-006 Contractor Compliance With Environmental, Occupational Safety and Health and Safety Requirements (OCT 1997). In the first sentence in paragraph (b), insert "through Buyer" after "Contracting Officer."

N52.227-002 Rights in Technical Data and Computer Software: Noncommercial Items (APR 2009).

N52.227-003 Validation of Restrictive Markings on Technical Data and Computer Software (JAN 2004). Applicable clause date revised to (Feb 2011)

N52.227-007 Rights in Bid or Proposal Information (JAN 2004). Applicable clause date revised to (Feb 2011)

N52.228-004 Insurance (SEP 1996).

N52.231-001 Supplemental Cost Principles (JAN 2004).

N52.244-002 Subcontract Reporting, Monitoring, and Consent (SEP 2009).

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:

52.222-26 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.

52.223-18 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.