



**THE CALIFORNIA INSTITUTE OF TECHNOLOGY
JET PROPULSION LABORATORY**

**GENERAL PROVISIONS (GPs) SET FOR:
FIXED-PRICE CONSTRUCTION
SUBCONTRACT**

(located at: <https://acquisition.jpl.nasa.gov/tc/>)

GOVERNMENT SUBCONTRACT

*This Subcontract is entered into by the **Jet Propulsion Laboratory (JPL)** and the **Subcontractor** in support of a U.S. Government Contract. JPL is a Federally-Funded Research & Development Center (FFRDC) per FAR 35.017, and is an operating division of the California Institute of Technology ("Caltech"), a private nonprofit educational institution.*

As used in the clauses referenced below and throughout this subcontract:

- *Federal Acquisition Regulation (FAR) 52.202-1 (JAN 2012) "Definitions" is incorporated by reference.*
- *The term "JPL Subcontracts Manager" means a person with the authority to enter into, administer and/or terminate Subcontracts and make related determinations and findings.*
- *The following terms shall have the meaning set forth in FAR 2.101: "Agency head" (or "head of agency"), "commercial component," "component," "commercial item," and "nondevelopmental item."*

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ASSIGNMENT, NOVATION AND TRANSFER

This Subcontract may be assigned, novated, or transferred to a successor-in-interest, a successor Contractor to operate the Jet Propulsion Laboratory, or the Government.

ASSIGNMENT OF RIGHTS

- (a) The Subcontractor may assign its rights to be paid amounts due or to become due because of this Subcontract to a bank, trust company, or other financing institution, including any Federal lending agency. The assignee under such an assignment may thereafter further assign or reassign its right under the original assignment to any type of financing institution described in the preceding sentence.
- (b) Any such assignment or reassignment shall be subject to the following conditions:
 - (1) Any assignment or reassignment authorized under this clause shall cover all amounts payable under this Subcontract, and not paid as of (i) the effective date of assignment or (ii) the date JPL receives written notice of the assignment, whichever is later.
 - (2) No assignment may be made to more than one party, except that an assignment or reassignment may be made to one party as agent or trustee for two or more parties participating in the financing of this Subcontract.
 - (3) Two copies of the notice of assignment, signed by the Subcontractor, shall be furnished to JPL, Attn: (i) Travel and Invoice Management Section, and (ii) JPL Subcontracts Manager.
 - (4) If a party other than the Subcontractor provides JPL with a notification that the amount due or to become due under this Subcontract has been assigned and that payment is made to the claimed assignee, JPL may withhold any payments due and payable under the Subcontract until JPL is furnished with either (i) verification or denial of assignment from the Subcontractor or (ii) reasonable proof that the assignment has been made.
 - (5) The Subcontractor shall not furnish or disclose to any assignee under this Subcontract any classified document (which term includes this Subcontract if access to classified material is authorized under this Subcontract) or information pertaining to classified work under this Subcontract unless JPL authorizes such action in writing.
 - (6) No assignment may be made which includes, either specifically or by implication, any delegation of the Subcontractor's duty to perform the services or provide the supplies required by this Subcontract unless such assignment and delegation is consented to by JPL in accordance with the clause "Delegation of Duties" below.

AUTHORITY OF JPL REPRESENTATIVES

- (a) No request, notice, authorization, direction or order received by the Subcontractor and issued either pursuant to a clause of this Subcontract, to a clause of any document incorporated in this Subcontract by reference, or otherwise, shall be binding upon either the Subcontractor or JPL unless issued or ratified in writing by the JPL Subcontracts Manager, the JPL Acquisition Division Manager or by representative(s) designated in writing by either of them. Designations of authorized representatives shall define the scope and limitations of the authorized representatives' authorities.
- (b) The Subcontractor shall immediately notify, in writing, the JPL Subcontracts Manager whenever a request, notice, authorization, direction, or order has been received from a representative of JPL other than the JPL Subcontracts Manager which, but for the lack of authorization on the part of the issuing JPL representative, would: (i) effect a change within the meaning of the "Changes" clause; (ii) increase or decrease the Subcontract amount or amount allotted to this Subcontract; or (iii) otherwise be the basis for assertion of a claim by the Subcontractor under any clause of the Subcontract.

BONDS

(Work performed outside the United States is exempt from the requirements of this clause. Applies only to Subcontracts expected to exceed \$150,000 in value.)

- (a) Payment Bond. If this Subcontract exceeds \$150,000, the Subcontractor agrees to furnish a payment bond with good and sufficient surety or sureties acceptable to JPL for the protection of persons furnishing material or labor in connection with the performance of the work under this Subcontract on a form acceptable to JPL. The penal sum of such payment bond shall be 100% of the original Subcontract amount, provided, however, that JPL may require an additional amount of bond in connection with work added to this Subcontract by modification.
- (b) Performance Bond. If the Subcontract price exceeds \$150,000, the Subcontractor further agrees to furnish a performance bond with good and sufficient surety or sureties acceptable to JPL in connection with the performance of work under this Subcontract on a form acceptable to JPL. The penal sum of such performance bond shall be 100% of the original Subcontract amount, provided, however, that JPL may require an additional amount of bond in connection with work added to this Subcontract by modification.
- (c) Any bonds required hereunder will be dated as of the same date as the notice of award and will be furnished by the Subcontractor to JPL at the same time the Subcontract is executed. Such bonds shall be in favor of the United States of America and the California Institute of Technology. Corporations executing any of the bonds as sureties must be among those appearing on the Treasury Department's list of approved sureties and must be acting within the limitations as set forth therein.
- (d) If any surety upon any bond furnished in connection with this Subcontract becomes unacceptable to JPL or if any such surety fails to furnish reports as to its financial condition from time to time as requested by JPL, the Subcontractor shall promptly furnish such additional security as may be required from time to time to protect the interest of JPL and the Government and of persons supplying labor or materials in the performance of the work contemplated by this Subcontract.

CLEANING UP

The Subcontractor shall at all times keep the work area, including storage areas, free from accumulations of waste materials. Before completing the work, the Subcontractor shall remove from the work and premises any rubbish, tools, scaffolding, equipment, and materials that are not the property of the Government. Upon completing the work, the Subcontractor shall leave the work area in a clean, neat, and orderly condition satisfactory to JPL. Unless otherwise stated in this Subcontract, the time stated for completion of the work shall include cleaning-up time.

COMPLIANCE WITH THE AMERICANS WITH DISABILITIES ACT

(Work performed outside the United States is exempt from the requirements of this clause.)

- (a) Subcontractor agrees to comply with the Americans with Disabilities Act (42 U.S.C. 12101, et. seq.) and all implementing regulations.
- (b) Subcontractor agrees that it will be responsible to the Government and JPL for, and will indemnify and hold harmless the Government and JPL, its trustees, officers, and employees from any loss, cost, damage, expense or liability or suit therefore, by reason of actual or alleged property damage or personal injury of whatever kind or character, arising out of, or in connection with performance of the requirements of Paragraph (a) above by the Subcontractor or any of its lower-tier subcontracts, however the same may be caused, excepting only such loss, cost, damage, expense or liability attributable to the sole or contributory active negligence of the Government or of JPL, its trustees, officers, or employees.
- (c) Subcontractor agrees to insert this provision, including this Paragraph (c), in all lower-tier subcontracts and purchase orders hereunder.

COMPOSITION OF SUBCONTRACTOR

If the Subcontractor hereunder is composed of more than one legal entity, each such entity shall be jointly and severally liable hereunder.

DATA REMOVAL FROM COMPUTERS AND ELECTRONIC DEVICES

The Subcontractor shall archive all data required to be retained pursuant to the terms of this Subcontract (including, but not limited to, the General Provisions, Additional General Provisions, Alterations to General Provisions and Special

Provisions). The Subcontractor shall completely sanitize (e.g., overwrite, degauss or destroy) all media containing data in all computers and other electronic devices and permanently delete all non-transferable licensed software before such computers or other electronic devices leave the control of the Subcontractor by transfer or disposal. All data, including computer software, provided by JPL, derived from JPL data, or owned by the Government or JPL pursuant to this Subcontract shall be permanently deleted from Subcontractor controlled computers or electronic devices before leaving the control of the Subcontractor. The Subcontractor shall submit to JPL a written certification that the above sanitization requirements have been satisfied and the date of such action

DISPUTES

Any subcontract dispute which is not resolved by agreement of the parties may be settled by appropriate legal proceedings in a court of competent jurisdiction in the State of California. The Subcontractor shall proceed diligently with the performance of this subcontract during the litigation proceedings and any appeal.

DELEGATION OF DUTIES

The Subcontractor is prohibited, without prior written JPL consent, from delegating any part of the duties required of it by this Subcontract; provided, however, that nothing contained herein shall be deemed to prohibit the Subcontractor from placing purchase orders and lower-tier subcontracts, subject, however, to the clause of this Subcontract entitled "Lower-tier Subcontracts." Delegation of duties without such consent is void.

ELECTRICAL EQUIPMENT ACQUISITION

Applicable if: the Subcontract involves acquisition of off-the-shelf electrical equipment for delivery to or use by JPL or its designees.

The electrical equipment being provided by the Subcontractor under this Subcontract shall be listed by Underwriters Laboratory, Factory Mutual Insurance Association, Canadian Standards Association, or similar organization of recognized standing. In the event that the equipment does not carry an appropriate approval, the individual components making up the item must be listed. Proof of listing shall be provided with delivery of the equipment in the form of accompanying data or labels. Any item not conforming to these requirements may be returned to the Subcontractor at the Subcontractor's expense. The Subcontractor agrees to require lower-tier subcontractors, if any, which supply electrical equipment for delivery to or use by JPL or its designees to comply with this clause.

ELECTRONICALLY TRANSMITTED COPIES

This Subcontract or modification(s) thereof may be executed in duplicate with each Party signing one original and providing a facsimile (fax) or other electronic copy of the signature page to the other Party. The Party receiving the electronically transmitted copy shall acknowledge receipt of the electronically submitted copy. Each Party agrees to make its document with the original signature available to the other Party upon request. The Parties further agree that the electronically transmitted copy shall be treated as if it were an original signature and neither Party shall contest the validity of this Subcontract or modification(s) based on the use of electronically transmitted copies of the signature page.

EQUAL OPPORTUNITY

The Subcontractor and lower-tier subcontractor shall abide by the requirements of 41 CFR §§ 60-1.4(a), 60-300.5(a), 60-741.5(a) and 60-4.3(a). These regulations prohibit discrimination against qualified individuals based on their status as protected veterans or individuals with disabilities, and prohibit discrimination against all individuals based on their race, color, religion, sex, or national origin. Moreover, these regulations require that covered prime contractors and subcontractors take affirmative action to employ and advance in employment individuals without regard to race, color, religion, sex, national origin, protected veteran status or disability.

GOVERNMENT-FURNISHED COMPUTER SOFTWARE AND RELATED TECHNICAL DATA

(a) *Definitions.* As used in this clause—

“Government-furnished computer software” or “GFCS” means computer software: (1) in the possession of, or directly acquired by, the Government whereby the Government has title or Government purpose license rights thereto; and (2) subsequently furnished to the Subcontractor for performance of a JPL Subcontract.

“Computer software,” “data” and “technical data” have the meaning provided in the Federal Acquisition Regulation (FAR) Subpart 2.1- “Definitions,” and the “Rights in Data—General” clause (FAR 52.227-14).

(b) The Government through JPL will furnish to the Subcontractor the GFCS described in this Subcontract or in writing by the Government through the JPL Subcontracts Manager. The Government through JPL will furnish related technical data needed for the intended use of the GFCS.

(c) Use of GFCS and related technical data. The Subcontractor shall use the GFCS and related technical data, and any modified or enhanced versions thereof, only for performing work under this Subcontract unless otherwise provided for in this Subcontract or approved by the JPL Subcontracts Manager.

(1) The Subcontractor shall not, without the express written permission of the Contracting Officer through the JPL Subcontracts Manager, reproduce, distribute copies, perform publicly, display publicly, release, or disclose the GFCS or related technical data to any person except for the performance of work under this Subcontract.

(2) The Subcontractor shall not modify or enhance the GFCS except as required pursuant to the performance of work under this Subcontract. If the GFCS is modified or enhanced pursuant to this Subcontract, the Subcontractor shall provide to JPL the complete source code, if any, of the modified or enhanced GFCS.

(3) Allocation of rights associated with any GFCS or related technical data modified or enhanced under this Subcontract shall be defined by the FAR “Rights in Data-General” clause.

(4) The Subcontractor may provide the GFCS, and any modified or enhanced versions thereof, to lower-tier subcontractors as required for the performance of work under this Subcontract. Before release of the GFCS, and any modified or enhanced versions thereof, to such Subcontractors (at any tier), the Subcontractor shall insert, or require the insertion of, this clause, including this Paragraph (c)(4), suitably modified to identify the parties as follows: references to the Government are not changed, and in all references to the Subcontractor “lower-tier subcontractor” is substituted for the Subcontractor so that the lower-tier subcontractor has all rights and obligations of the Subcontractor in the clause.

(d) The JPL Subcontracts Manager may by written notice, at any time—

(1) Increase or decrease the amount of GFCS under this Subcontract;

(2) Substitute other GFCS for the GFCS previously furnished, to be furnished, or to be acquired by the Subcontractor for JPL under this Subcontract;

(3) Withdraw authority to use the GFCS or related technical data; or

(4) Instruct the Subcontractor to return or dispose of the GFCS and related technical data.

(e) *Title to or license rights in GFCS.* The Government shall retain title to or license rights in all GFCS. Title to or license rights in GFCS shall not be affected by its incorporation into or attachment to any data not owned by or licensed to JPL.

(f) *Waiver of Claims and Indemnification.* The Subcontractor agrees to waive any and all claims against JPL and the Government, and shall indemnify and hold harmless the agents of the Government and JPL, and their employees from every claim or liability, including attorney’s fees, court costs, and expenses, arising out of, or in any way related to, the misuse or unauthorized modification, reproduction, release, performance, display, or disclosure of the GFCS and related technical data by the Subcontractor or by any person to whom the Subcontractor has, without authorization, released or disclosed such GFCS or related technical data. JPL and the Government make no warranty with respect to the serviceability and/or suitability of the GFCS for Subcontract performance. In

addition, equitable adjustments shall be made in accordance with the procedures of the "Changes" clause in the event of a delivery of Government-furnished computer software to the Subcontractor in a condition not suitable for its intended use.

HANDLING, PROTECTION AND RELEASE OF RESTRICTED INFORMATION

1. Handling and Protection of Restricted Information

- (a) Definition. "Restricted information," as used in this clause, means recorded information, regardless of form or the media on which it may be recorded, the use and dissemination of which is restricted, and includes:
- (1) Limited rights data;
 - (2) Restricted computer software;
 - (3) Information incidental to Subcontract administration, such as financial, administrative, cost or pricing, or management information that embody trade secrets or are commercial or financial and confidential or privileged;
 - (4) Information designated by the U.S. Government as Sensitive But Unclassified (SBU);
 - (5) Information that is marked JPL/Caltech Proprietary, Proposal Sensitive or Business Discreet;
 - (6) Design information or guidance as may be embodied in or derived from computer-aided engineering, computer-aided design, analysis models, manufacturing models, drawings or translations of any of the foregoing, regardless of whether such information or guidance is marked or unmarked; and
 - (7) Information obtained directly from JPL electronic resources, such as JPL computers, servers, networks, electronic libraries or document repositories, regardless of whether such information is marked or unmarked.
- (b) Restrictions on use and disclosure of restricted information. With regard to any restricted information to which the Subcontractor is given access, by or on behalf of NASA or JPL, in performance of this Subcontract that is either marked with a restrictive legend indicating that use and disclosure of the information is restricted or is specifically identified in this Subcontract or in writing by the JPL Subcontracts Manager as being subject to this clause, the Subcontractor agrees to:
- (1) Use such restricted information only for the purposes of performing the services specified in this Subcontract;
 - (2) Safeguard the restricted information from unauthorized use and disclosure;
 - (3) Allow access to the restricted information only to those employees and lower-tier subcontractors that need it to perform services under this Subcontract;
 - (4) Preclude access and disclosure of the restricted information to persons and entities outside of the Subcontractor's or its lower-tier subcontractor's organization(s);
 - (5) Inform employees who may require access to the restricted information about obligations to use it only to perform the services specified in this Subcontract and to safeguard it from unauthorized use and disclosure;
 - (6) Require that each employee that has access to restricted information complies with the obligations regarding restricted information included in this clause;
 - (7) Return or dispose of the restricted information, as NASA or JPL may direct, when the restricted information is no longer needed for performance of work under this Subcontract; and
 - (8) Maintain any restrictive markings on sensitive information coming into its possession and on any copies thereof.
- (c) Exceptions
- (1) The obligations and prohibitions of Paragraph (b) do not apply to restricted information which the Subcontractor can demonstrate to the JPL Subcontracts Manager—

- (A) Was publicly available at the time of receipt by the Subcontractor or thereafter becomes publicly available without breach of this Subcontract;
 - (B) Was known to, in the possession of, or developed by or for the Subcontractor independently of the restricted information received from the JPL, and such knowledge, possession, or independent development can be shown;
 - (C) Was received by the Subcontractor from a party other than the owner of the restricted information, who has the authority to release the restricted information and did not require the Subcontractor to hold it in confidence; or
 - (D) Is released to or becomes available to a third party on an unrestricted basis from the owner of the restricted information, someone acting under the owner's control, or with the prior written approval of the owner.
- (2) Under a valid order of a court or Government agency, the Subcontractor may release restricted information to which the Subcontractor is given access by or on behalf of NASA or JPL in performance of this Subcontract, provided that the Subcontractor provides prior written notice to the owner of the restricted information of such obligation and the opportunity to oppose such disclosure. The Subcontractor shall provide a copy of the notice to the JPL Subcontracts Manager.
- (d) In the event that restricted information provided to the Subcontractor by or on behalf of NASA or JPL includes a restrictive legend that the Subcontractor deems to be ambiguous or unauthorized, the Subcontractor must notify the JPL Subcontracts Manager of such condition. Notwithstanding such a notification, as long as the restrictive legend provides an indication that a restriction on use or disclosure was intended, the Subcontractor will treat the restricted information pursuant to the requirements of this clause unless otherwise directed in writing by the JPL Subcontracts Manager or the owner of the restricted information.
 - (e) Other subcontractual restrictions on restricted information. This clause is subordinate to all other Subcontract clauses or requirements that specifically address the access, use, handling, protection or disclosure of information. If any restrictions or authorizations in this clause are inconsistent with a requirement of any other clause of this Subcontract, the requirement of the other clause shall take precedence over the requirement of this clause. Third party limited rights data and restricted computer software will be provided under this Subcontract only as authorized by the clause at 52.227-14, Rights in Data—General, Alternates II and III (as modified by 1852.227-14, if applicable). If the Subcontractor believes there is a conflict between this clause and another clause in this Subcontract regarding the access, use, handling, protection or disclosure of restricted information, the Subcontractor must consult with the JPL Subcontracts Manager before taking subsequent actions under the other clause.
 - (f) The JPL Subcontracts Manager may require the Subcontractor to demonstrate how it is complying with this Handling and Protection of Restricted Information clause.
 - (g) Remedies. Recognizing that this Subcontract establishes a high standard of accountability and trust, the Subcontractor's breach of any of the conditions of this clause may provide grounds for the Government or JPL to pursue such remedies as may be permitted by law, regulation, or this Subcontract. Unauthorized uses or disclosures of sensitive information may result in termination of this Subcontract for default, in addition to any other rights and remedies available by law to the Government, JPL or other provider of sensitive information.
 - (h) Unless otherwise specifically provided in this Subcontract, no warranty, express or implied, including without limitation any warranty of accuracy, utility, merchantability or of fitness for a particular purpose, is provided hereunder for any of the disclosed sensitive information.
 - (i) The Subcontractor's obligations under this clause shall survive the expiration or termination of this Subcontract.

2. Release of Restricted Information

- (a) Definition. "Restricted information," as used in this clause, means recorded information, regardless of form or the media on which it may be recorded, the use and dissemination of which is restricted, and includes:
 - (1) Limited rights data;
 - (2) Restricted computer software;

- (3) Information incidental to Subcontract administration, such as financial, administrative, cost or pricing, or management information that embody trade secrets or are commercial or financial and confidential or privileged;
 - (4) Information designated by the U.S. Government as Sensitive But Unclassified (SBU).
 - (5) Information that is marked JPL/Caltech Proprietary, Proposal Sensitive or Business Discreet;
 - (6) Design information or guidance as may be embodied in or derived from computer-aided engineering, computer-aided design, analysis models, manufacturing models, drawings or translations of any of the foregoing, regardless of whether such information or guidance is marked or unmarked; and
 - (7) Information obtained directly from JPL electronic resources, such as JPL computers, servers, networks, electronic libraries or document repositories, regardless of whether such information is marked or unmarked.
- (b) Subcontractors, as well as their lower-tier subcontractors and their individual employees, may require access to restricted information in the JPL's possession. The Subcontractor agrees that, where needed for the performance of a subcontract, JPL may release to the Subcontractor and to any of its lower-tier subcontractors, restricted information delivered during the course of this Subcontract. Additionally, offerors agree that restricted information submitted with their proposals may be provided to JPL service subcontractors that assist JPL with subcontract closeout. If suitably marked with a legend indicating that use and disclosure of restricted information is restricted or if the information falls under Paragraph 2.(a)(6) or Paragraph 2.(a)(7), such restricted information will be subject to the enumerated protections mandated by this clause. The Subcontractor's limited rights data and restricted computer software will be provided to other JPL subcontractors or their lower-tier subcontractors only as authorized by the clause at 52.227-14, Rights in Data-General, Alternates II and III (as modified by 1852.227-14, if applicable).
- (c) Unless the JPL Subcontracts Manager decides that reasonable grounds exist to challenge the markings, NASA, JPL, and its Subcontractors and lower-tier subcontractors, shall comply with all of the safeguards contained in Paragraph 2.(d) and Paragraph 1. of this clause.
- (d) To receive access to restricted information needed to assist NASA and JPL in accomplishing NASA mission activities and management and administrative functions, the Subcontractor and lower-tier subcontractors must be operating under a subcontract that contains this clause, which obligates the Subcontractor or lower-tier subcontractor, with respect to restricted information marked with a legend indicating that use and disclosure of the information is restricted, to do the following:
- (1) Use such restricted information only for the purpose of performing the services specified in its Subcontract;
 - (2) Safeguard such restricted information from unauthorized use and disclosure;
 - (3) Allow access to such restricted information only to those employees and Subcontractors that need it to perform services under the Subcontract;
 - (4) Preclude access and disclosure of such restricted information to persons and entities outside of the Subcontractor's or its lower-tier subcontractor's organization(s);
 - (5) Inform employees who may require access to such restricted information about obligations to use it only to perform the services specified in its Subcontract and to safeguard it from unauthorized use and disclosure;
 - (6) Require that each employee that has access to restricted information complies with the obligations regarding restricted information included in this clause; and
 - (7) Return or dispose of such restricted information, as NASA or JPL may direct, when the restricted information is no longer needed for performance of work under the Subcontract.
 - (8) Maintain any restrictive markings on sensitive information coming into its possession and on any copies thereof.
- (e) Exceptions. The obligations and prohibitions of Paragraph (e) of this clause do not apply to restricted information which the receiving Subcontractor can demonstrate to the JPL Subcontracts Manager -
- (1) Was publicly available at the time of receipt by the receiving Subcontractor or thereafter becomes publicly available without breach of this Subcontract;

- (2) Was known to, in the possession of, or developed by or for the receiving Subcontractor independently of the restricted information received from the Government or JPL, and such knowledge, possession, or independent development can be shown;
 - (3) Was received by the receiving Subcontractor from a party other than the owner of the restricted information, who has the authority to release the restricted information and did not require the receiving Subcontractor to hold it in confidence;
 - (4) Is released to or becomes available to a third party on an unrestricted basis from the owner of the restricted information, someone acting under the owner's control, or with the prior written approval of the owner; or
 - (5) Is required to be released under a valid order of a court or Government agency, provided that the Subcontractor provides prior written notice to the owner of the restricted information of such obligation and the opportunity to oppose such disclosure.
- (f) Subcontractor personnel requiring privileged access or limited privileged access to JPL or NASA information technology systems that contain restricted information and that are the primary responsibility of another Subcontractor are subject to screening using the standard National Agency Check (NAC) forms appropriate to the level of risk for adverse impact to JPL or NASA missions. The JPL Subcontracts Manager may allow the Subcontractor to conduct its own screening, provided the Subcontractor employs substantially equivalent screening procedures.
- (g) This clause does not affect JPL's rights or NASA's responsibilities under the Freedom of Information Act.

3. Lower-tier Subcontracts

The Subcontractor shall insert, or require the insertion of Paragraphs 1. and 2. of this clause, including this Paragraph 3., suitably modified to reflect the relationship of the parties, in all lower-tier subcontracts (regardless of tier).

INSURANCE AND INDEMNIFICATION – FIXED-PRICE CONSTRUCTION

- (a) This clause is applicable if:
- (1) The performance of this Subcontract includes activities which could endanger non-Subcontractor personnel and such activities are performed at a location which is not secured by appropriate Subcontractor-controlled access restrictions; or
 - (2) This Subcontract requires work on a Government installation or premises under the control of JPL.
- (b) Insurance. The Subcontractor shall, at its own expense, provide and maintain during the entire performance period of this Subcontract at least the following kinds and minimum amounts of insurance with JPL named as an additional insured in all of its policies for comprehensive liability insurance with a carrier licensed and admitted in the State of California.
- (1) Workers' Compensation and Employer's Liability Insurance, as required by applicable Federal and state workers' compensation and occupational disease statutes. If occupational diseases are not compensable under those statutes, they shall be covered under the Employer's Liability section of the insurance policy, except when Subcontract operations are so commingled with the Subcontractor's commercial operations that it would not be practical. The Employer's Liability coverage shall be at least \$2,000,000, except in states with exclusive or monopolistic funds that do not permit worker's compensation to be written by private carriers. However, the Subcontractor in fulfillment of its obligation to provide Workers' Compensation Insurance may maintain a self-insurance program if the Subcontractor is qualified pursuant to statutory authority to do so.
 - (2) Comprehensive Liability Insurance, including automobiles (owned, non-owned, or leased), completed operations, products, and contractual liability, for a combined single limit of not less than \$2,000,000 for all deaths, injuries, and property damage arising from any accident or occurrence.
 - (3) Builders Risk or Course of Construction "All Risks" coverage, excluding earthquake and flood, covering damage to the work itself, including materials and supplies at the work site, protecting the interests of the Government, JPL, the Subcontractor, and lower-tier subcontracts, in a sufficient amount to pay in full each loss exclusive of a deductible not to exceed \$5,000.

- (c) Insurance Certificates and Endorsements. Before commencing work under this Subcontract, the Subcontractor shall furnish (i) certificates of insurance for the coverages specified in (b) above, and (ii) an additional insured endorsement naming JPL as an additional insured to the Subcontract for the coverage specified in (b)(2) above. Such certificates and the endorsement shall provide that any cancellation or material change in the insurance policies shall not be effective (i) for such period as the laws of the State in which this Subcontract is to be performed prescribe, or (ii) until 30 days after the insurer or the Subcontractor gives written notice to JPL, whichever period is longer. Also, such certificates and the endorsement shall (i) cover contractual liability assumed under this Subcontract, and (ii) be primary and non-contributing to any insurance procured by JPL. The Subcontractor agrees to permit JPL to examine its original policies, should JPL so request. Should the Subcontractor at any time neglect or refuse to provide the insurance required herein, or should such insurance be canceled, JPL shall have the right to procure same and the costs thereof shall be deducted from monies then due or thereafter to become due to the Subcontractor.
- (d) Indemnification. The Subcontractor agrees that it will be responsible to the Government and JPL for, and will indemnify, immediately defend and hold harmless the Government and JPL, its trustees, officers, and employees, from any loss, cost, damage, expense or liability, including attorney's fees, or any suit therefore, by reason of actual or alleged claims of any kind, including, but not limited to, property damage or personal injury of whatever kind or character, arising out of or in connection with the performance of work hereunder by the Subcontractor or any of its lower-tier subcontracts, however caused, including any resulting from any alleged or actual negligent act or omission, regardless of whether such act or omission is active or passive, but excepting only a duty to indemnify to the extent such loss, cost, damage, expense or liability is attributable to the active negligence or willful misconduct of the Government or of JPL, its trustees, agents, officers or employees.
- (e) Lower-tier subcontracts.
 - (1) The Subcontractor shall insert the substance of this clause, including this paragraph (e), in any and all lower-tier subcontracts under this Subcontract if:
 - (A) The performance of the lower-tier subcontract includes activities which could endanger non-lower-tier subcontractor personnel and such activities are performed at a location which is not secured by appropriate lower-tier subcontractor-controlled access restrictions; or
 - (B) This lower-tier subcontract requires work on a Government installation or premises under the control of JPL.
 - (2) At least five days before entry of each such lower-tier subcontractor's personnel on the Government installation or JPL-controlled premises, the Subcontractor shall furnish (or ensure that there has been furnished) to JPL a current certificate of insurance meeting the requirements of paragraph (c) above, for each such lower-tier subcontractor.
- (f) This clause shall be interpreted pursuant to California law.

LOWER-TIER SUBCONTRACTS

- (a) JPL reserves the right to require submission of any lower-tier subcontract or purchase order, and related documentation, for advance consent; in such cases, JPL may, in its discretion, ratify in writing any lower-tier subcontract, and such ratification shall constitute consent.
- (b) The Subcontractor agrees that no lower-tier subcontract placed under this Subcontract shall provide for payment on a cost-plus-a-percentage-of-cost basis, and any fee payable under cost-reimbursement type lower-tier subcontracts shall not exceed the fee limitations in Part 15.404 of FAR and any corresponding implementing or supplementing clauses in the NFS, unless approved by JPL.
- (c) The Subcontractor shall give JPL immediate notice in writing of any action or suit filed and prompt notice of any claim made against the Subcontractor by any lower-tier subcontractor or supplier which, in the opinion of the Subcontractor, may result in litigation related in any way to this Subcontract with respect to which the Subcontractor may be entitled to reimbursement from JPL.
- (d) JPL may, in its discretion, specifically approve in writing any of the terms and conditions of a purchase order or lower-tier subcontract. However, such approval or the consent of JPL obtained as required by this clause shall not be construed to constitute a determination (i) of the acceptability of any lower-tier subcontract terms and conditions; (ii) of the allowability of any cost under this Subcontract; or (iii) to relieve the Subcontractor of any responsibility for performing this Subcontract.

MATERIAL AND WORKMANSHIP

- (a) All equipment, material, and articles incorporated into the work covered by this Subcontract shall be new and of the most suitable grade for the purpose intended, unless otherwise specifically provided in this Subcontract. References in the specifications to equipment, material, articles, or patented processes by trade name, make, or catalog number, shall be regarded as establishing a standard of quality and shall not be construed as limiting competition. The Subcontractor may, at its option, use any equipment, material, article, or process that, in the judgment of JPL, is equal to that named in the specifications, unless otherwise specifically provided in this Subcontract.
- (b) The Subcontractor shall obtain JPL's approval of the machinery and mechanical and other equipment to be incorporated into the work. When requesting approval, the Subcontractor shall furnish to JPL the name of the manufacturer, the model number, and other information concerning the performance, capacity, nature, and rating of the machinery and mechanical and other equipment. When required by this Subcontract or by JPL, the Subcontractor shall also obtain JPL's approval of the material or articles that the Subcontractor contemplates incorporating into the work. When requesting approval, the Subcontractor shall provide full information concerning the material or articles. When directed to do so, the Subcontractor shall submit samples for approval at the Subcontractor's expense, with all shipping charges prepaid. Machinery, equipment, material, and articles that do not have the required approval shall be installed or used at the risk of subsequent rejection.
- (c) All work under this Subcontract shall be performed in a skillful and workmanlike manner. JPL may require, in writing, that the Subcontractor removes from the work any employee JPL deems incompetent, careless, or otherwise objectionable.

OPERATIONS, FACILITIES AND STORAGE AREAS

- (a) Unless otherwise approved by JPL, the Subcontractor shall provide and maintain, for the duration of the work, its own office on the job site.
- (b) All operations of the Subcontractor (including storage of materials) upon JPL-controlled premises shall be confined to areas authorized or approved by JPL. No unauthorized entry upon, or passage through, or storage or disposal of materials shall be made upon, JPL-controlled premises.
- (c) Temporary buildings (storage sheds, shops, offices, etc.) may be erected by the Subcontractor only with approval of JPL, and either may be of a removable, portable type, or may be erected by the Subcontractor with labor and materials furnished by the Subcontractor without expense to JPL. Such temporary buildings shall remain the property of the Subcontractor and shall be removed by the Subcontractor at its expense upon the completion of the work. With the written consent of JPL, such buildings may be abandoned and need not be removed.
- (d) The Subcontractor shall, under regulations prescribed by JPL, use only established roadways or construct and use such temporary roadways as may be authorized by JPL. Where materials are transported in the prosecution of the work, vehicles shall not be loaded beyond the loading capacity recommended by the manufacturer of the vehicle or prescribed by any Federal, State, or local law or regulation. When it is necessary to cross curbing or sidewalks, protection against damage shall be provided by the Subcontractor and any roads, curbing, or sidewalks damaged by the Subcontractor, its lower-tier subcontractors, or by the agents, servants, or employees of the Subcontractor or lower-tier subcontractor, shall be repaired by, or at the expense of the Subcontractor.
- (e) The Subcontractor shall hold and save JPL, its trustees, officers, and agents free and harmless from liability of any nature occasioned by the Subcontractor's performance.

ORDER OF PRECEDENCE

- (a) The rights and obligations of the parties of this Subcontract shall be subject to and governed by the Schedule, the General Provisions (the term "General Provisions" includes any "Additional General Provisions"), and any proposals, specifications or other documents or provisions which are made a part of this Subcontract by reference or otherwise.
- (b) To the extent of any inconsistency between (i) the Schedule, other than the Alterations Clause, (ii) the Alterations Clause in the Schedule, and (iii) the GPs, the inconsistency will be resolved in the following order of priority:

- (1) The Alterations Clause.
 - (2) The GPs not altered.
 - (3) The Schedule, other than the Alterations Clause.
- (c) To the extent of any inconsistency between:
- (1) The Schedule, other than any proposals, specifications or other documents or provisions which are made a part of this Subcontract by reference or otherwise, in the Schedule or the General Provisions, and
 - (2) Any proposals, specifications or other documents or clauses which are made a part of this Subcontract by reference or otherwise in the Schedule or the General Provisions,
 - (3) (c)(1) has order of precedence over (c)(2).
- (d) All clauses of this Subcontract that are required by their terms to be included in lower-tier subcontracts shall be required by the Subcontractor to take precedence in the lower-tier subcontract over any other clauses.

PERMITS AND RESPONSIBILITIES

The Subcontractor shall, without additional expense to JPL, be responsible for obtaining any necessary licenses and permits, and for complying with any Federal, State, and municipal laws, codes, and regulations applicable to the performance of the work. The Subcontractor shall also be responsible for all damages to persons or property that occur as a result of the Subcontractor's fault or negligence, and shall take proper safety and health precautions to protect the work, the workers, the public, and the property of others, including, but not limited to, the enclosing of the Subcontractor's work area with adequate barricades and, where appropriate, flashing lights as approved by JPL. The Subcontractor shall also be responsible for all materials delivered and work performed until completion and acceptance of the entire work, except for any completed unit of work which may have been accepted under the Subcontract. The Subcontractor agrees to indemnify JPL and the Government against any loss, cost, liability, or damage by reason of the Subcontractor's violation of or failure to comply with any applicable laws, executive orders, or regulations.

PRICING OF SUBCONTRACTOR-FURNISHED PROPERTY

(Work performed outside the United States is exempt from the requirements of this clause.)

On a progressive basis of construction, the Subcontractor shall promptly furnish and shall cause any lower-tier subcontractor to furnish, in like manner, at the request of JPL, unit prices and descriptive data required by JPL for property record purposes, of fixtures and equipment furnished and installed by the Subcontractor.

PROHIBITION OF SUBCONTRACTOR USE OF PRIVATELY OWNED AIRCRAFT IN SUBCONTRACT PERFORMANCE

The Subcontractor, its employees, agents and lower-tier subcontractors, shall not use privately owned (noncommercial) aircraft in the performance of this Subcontract without prior approval of the JPL Subcontracts Manager. Any request for approval to use privately owned aircraft must include a certificate of insurance as evidence that the Subcontractor has in effect Aircraft Liability Insurance coverage of not less than \$5,000,000 for all deaths, injuries, and property damage arising from one accident or occurrence. The Subcontractor shall be required as a condition of JPL's approval to submit an endorsement naming Caltech and JPL as an additional insured in such aircraft liability insurance policy. The Subcontractor shall include this clause in any lower-tier subcontract involving travel subject to JPL approval or requiring that the lower-tier subcontractor utilize a privately owned (noncommercial) aircraft.

PROTECTION OF EXISTING VEGETATION, STRUCTURES, MATERIALS, IMPROVEMENTS, UTILITIES, AND WORK IN PROGRESS

- (a) The Subcontractor shall preserve and protect all existing vegetation such as trees, shrubs, and grass on or adjacent to the site of work which is not to be removed and which does not unreasonably interfere with the construction work. Care will be taken in removing trees authorized for removal to avoid damage to vegetation to remain in place. Any limbs or branches of trees broken during such operations or by the careless operation of

equipment, or by workers, shall be trimmed with a clean cut and painted with an approved tree pruning compound as directed by JPL.

- (b) The Subcontractor shall protect from damage all existing structures, improvements or utilities, the location of which is made known to it, within or outside the working area. Such protection shall include both the exterior and interior and the finish thereof and shall be performed by adequately covering or, with the approval of JPL, by temporary removal. Any damage to such facilities resulting from the Subcontractor's failure to comply with the requirements of this Subcontract or the failure to exercise reasonable care in the performance of the work shall be promptly repaired or replaced with materials, fixtures or equipment of the same kind, quality and size. If the Subcontractor fails or refuses to repair any such damage promptly, JPL may have the necessary work performed and charge the cost thereof to the Subcontractor. Any materials or equipment temporarily removed for protection and not damaged shall be reinstalled.
- (c) The Subcontractor shall at all times protect and preserve all work in progress, including, but not limited to, work performed, materials, supplies and equipment of every description (including property which may be Government-owned). The protection must be substantial and as placed as to be easily removed for inspection or to facilitate the progress of other work. All reasonable requests of JPL to enclose or specifically protect such property shall be complied with. If, as determined by JPL, materials, equipment, supplies, and work performed are not adequately protected by the Subcontractor, such property may be protected by JPL and the cost thereof may be charged to the Subcontractor or deducted from any payment due it.

RELEASE OF INFORMATION

- (a) The Subcontractor agrees that all information released by the Subcontractor for publicity or promotional purposes (e.g., news and photo releases, exhibit copy, motion picture scripts, advertising copy) directly related to the Subcontractor's work with and for JPL will be submitted to JPL for review for technical accuracy prior to issuance. (See form JPL 1737, "Release of Information.")
- (b) The Subcontractor agrees to insert this clause including this Paragraph (b) in all lower-tier subcontracts.

REQUIRED NOTICES

Unless otherwise specified in this Subcontract, any notice which the Subcontractor is required to provide to JPL under any clause of this Subcontract shall be directed to the JPL Subcontracts Manager or the Manager, Acquisition Division, JPL, or their authorized representatives.

RESTRICTIONS ON FUNDING ACTIVITY WITH CHINA

- (a) Definition - "China" or "Chinese-owned company" means the People's Republic of China, any company owned by the People's Republic of China or any company incorporated under the laws of the People's Republic of China.
- (b) Public Laws 112-10, Section 1340(a) and 112-55, Section 539, restrict NASA from contracting to participate, collaborate, coordinate bilaterally in any way with China or a Chinese-owned company using funds appropriated on or after April 25, 2011. Subcontracts for commercial and non-developmental items are exempted from the prohibition because they constitute purchase of goods or services that would not involve participation, collaboration, or coordination between the parties.
- (c) This Subcontract may use restricted funding that was appropriated on or after April 25, 2011. The Subcontractor shall not contract with China or Chinese-owned companies for any effort related to this Subcontract except for acquisition of commercial and non-developmental items. If the Subcontractor anticipates making an award to China or Chinese-owned companies, the Subcontractor must contact the Contracting Officer through the Subcontracts Manager to determine if funding on this Subcontract can be used for that purpose.
- (d) The Subcontractor represents that the Subcontractor is not China or a Chinese-owned company.
- (e) Lower-tier subcontracts - The Subcontractor shall include the substance of this clause in all lower-tier subcontracts made hereunder.

SCHEDULE OF PAYMENTS

Within 10 days after receipt of written Notice to Proceed, the Subcontractor shall submit to JPL a detailed breakdown of the total Subcontract price showing values of each principal category and subcategories included therein, including quantities, in such detail and supported by such evidence as to its correctness as JPL may require. This Schedule, when approved by JPL, shall be used as a basis for payments in accordance with FAR 52.232-5 "Payments Under Fixed Price Construction Contracts (SEP 2002) In applying for payments, the Subcontractor shall submit a statement based upon the JPL-approved Schedule and itemized in such form and supported by such evidence as JPL may require justifying the payment.

SCHEDULES FOR CONSTRUCTION SUBCONTRACTS

- (a) The Subcontractor shall, within five days after work commences on the Subcontract, or within such other period as determined by JPL, prepare and submit to JPL for approval three copies of a practicable schedule showing the order in which the Subcontractor proposes to perform the work, and the dates on which the Subcontractor contemplates starting and completing the several salient features of the work (including acquiring materials, plant and equipment). The schedule shall be in the form of a progress chart of suitable scale to indicate appropriately the percentage of work scheduled for completion by any given date during the period. If the Subcontractor fails to submit a schedule within the time prescribed, JPL may withhold approval of progress payments until the Subcontractor submits the required schedule.
- (b) The Subcontractor shall enter the actual progress on the chart as directed by JPL, and upon doing so shall immediately deliver three copies of the annotated schedule to JPL. If, in the opinion of JPL, the Subcontractor falls behind the approved schedule, the Subcontractor shall take steps necessary to improve its progress, including those that may be required by JPL, without additional cost to JPL. In this circumstance, JPL may require the Subcontractor to increase the number of shifts, overtime operations, days of work, and/or the amount of construction plant, and to submit for approval any supplementary schedule or schedules in chart form as JPL deems necessary to demonstrate how the approved rate of progress will be regained.
- (c) Failure of the Subcontractor to comply with the requirements of JPL under this clause shall be grounds for a determination by JPL that the Subcontractor is not prosecuting the work with sufficient diligence to ensure completion within the time specified in the Subcontract. Upon making this determination, JPL may terminate the Subcontractor's right to proceed with the work, or any separable part of it, in accordance with FAR 52.249-10 "Default (Fixed Price Construction) (APR 1984) of this subcontract.

SIGNS AND ADVERTISEMENTS

No signs or advertisements will be allowed on the site unless prior written approval is obtained from JPL.

SUBCONTRACTOR RECRUITING ACTIVITY

Does not apply: If work performed outside the United States.

Except as may be specifically authorized by JPL in writing, during the performance of this Subcontract the Subcontractor shall refrain from engaging in any activity related to employment recruiting on any of the premises of JPL.

TEMPORARY UTILITIES AND UTILITY TIE-INS

- (a) Water. All reasonably required amounts of water will be made available to the Subcontractor by JPL from existing water system outlets and supplies. Any pumping facilities, temporary connections, or piping required to transmit the water shall be furnished by the Subcontractor, subject to the approval of JPL, and shall be removed in a satisfactory manner, at the Subcontractor's expense, when the job is completed.
- (b) Electricity.
 - (1) All reasonable electric current required by the Subcontractor shall be furnished by JPL. All temporary connections for electricity shall be subject to the approval of JPL.

- (2) All temporary lines will be furnished, installed, connected and maintained by the Subcontractor in a workmanlike manner satisfactory to JPL and shall be removed by the Subcontractor in like manner at its expense prior to completion of the construction.
- (3) The Subcontractor shall furnish engine-driven welders for required welding power.
- (c) Telephone Service. Unless otherwise provided in this Subcontract, telephone service shall be provided by the Subcontractor, or, where available, JPL pay telephones may be used.
- (d) Utility Tie-Ins.
 - (1) All tie-ins, modifications, or moving of JPL utilities such as air, power, fire sprinkler systems, water, air-conditioning systems, etc., must be scheduled through JPL and shall be done on Saturdays or Sundays, if required, at no additional cost to JPL.
 - (2) Unless otherwise specified in this Subcontract, the Subcontractor shall submit schedules to JPL at least 10 calendar days in advance of any building utility outages and off-hour work, and JPL will inform the Subcontractor within seven calendar days of receipt of notification of approval or disapproval of such schedules.
- (e) Water and Utility Usage. The Subcontractor shall provide continuous surveillance of water flow or other utility usage to prevent waste or damage to JPL property.

UNION DATA FOR ON-SITE SUBCONTRACTORS

Applicable to: [i] to any time-and-material or labor-hour Subcontract where the work is performed at a JPL-controlled facility and [ii] to any other Subcontract for which any Subcontractor personnel work in residence at a JPL-controlled facility. Work performed outside the United States is exempt from the requirements of this clause.)

- (a) The Subcontractor shall provide JPL-requested union information, including union information pertaining to its lower-tier subcontractors, if any, on the "Request for Union Data Regarding On-Site Subcontractors and their Lower-tier Subcontractors," set forth below. A copy of this form (sample shown below), filled in, shall be returned to the cognizant JPL Subcontracts Manager's attention. Any changes in the data, such as the addition of a new union lower-tier subcontractor, shall be provided to JPL through timely resubmission of the following form:

REQUEST FOR UNION DATA REGARDING ON-SITE SUBCONTRACTORS AND THEIR LOWER-TIER SUBCONTRACTORS

1. Date:
2. Subcontract number:
3. Scheduled Subcontract completion date:
4. Subcontractor name:
5. Total number of on-site personnel:
6. Cognizant Subcontracts Manager:
7. Lower-tier subcontractors under this Subcontract with union personnel working on-site at JPL-controlled facilities.
 Number of Lower-tier Subcontractor Personnel at JPL Site:

Lower-tier Subcontractor	:	Total Personnel:	No. of Union Personnel:
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8. Brief description of scope of work and location of work site sufficient to locate the union Subcontract and lower-tier subcontract workers.
9.
 - a. Local union name: _____ Local No. (if any): _____
 - b. Number of on-site Subcontractor/lower-tier subcontractor personnel represented: _____
 - c. Name, phone number and address of business agent representing the local union:
 - (1) Name: _____
 - (2) Phone: _____

- (3) Address:
- d. Expiration date of labor agreement:
- e. (1) If applicable, the employer association responsible for negotiating each agreement for Subcontractor/lower-tier subcontractor:
 - (2) If applicable, the names of Subcontractor's/lower-tier subcontractor's local employer representatives who take part in such negotiations:
- 10. Name, phone number and address of the Subcontractor's lower-tier subcontractor's representative who is responsible for handling labor relations/human resources issues:
 - a. Name:
 - b. Phone:
 - c. Address:

(Note: For items 8., 9., and 10., provide for each union and also for each on-site lower-tier subcontract, as applicable.)

WORKING HOURS AND SPECIAL WORK DAYS
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- (a) The Subcontract price is based on working whatever schedule may be necessary to complete the work within the prescribed time.
- (b) No work shall be performed on Saturdays, Sundays, or holidays recognized by JPL without prior notification to and approval by JPL, which notification shall be not less than 48 hours.

SECTION B

The Federal Acquisition Regulation (FAR) and NASA FAR Supplement (NFS) clauses on the following pages are incorporated by reference with the same force and effect as if they were given in full text

The FAR/NFS clauses listed below shall be suitably revised to identify the contracting and other parties to address the proper intent of the clause, except as shown in the notes associated with the clause. The following guidelines help illustrate:

- “contract” means “subcontract”
- “contractor” means “subcontractor”
- “subcontract” means “lower-tier subcontract”
- “subcontractor” means “lower-tier subcontractor”
- “Contracting Officer” means “JPL Subcontracts Manager”
- “Government” means “JPL”

As an exception to the above, the terms “Government” and “Contracting Officer” do not change when a right, act, authorization or obligation can be granted or performed only by the Government or Contracting Officer or his/her duly-authorized representative.

Unless otherwise noted below, the following terms are to remain unchanged: “U.S.,” United States,” “U.S. Government,” “United States Government,” “Federal,” and “Federal Government”

FAR and NFS Clauses Incorporated into this Subcontract by Reference (all references are FAR Clauses, unless preceded by “NFS”)	
Reference	Title and Date
Applicable for all Subcontract Dollar Values	
52.211-5	Material Requirements (Aug 2000) <i>Note 1: The term “Government” means “Government.”</i>
52.222-1	Notice to the Government of Labor Disputes (Feb 1997)
52.222-8	Payrolls and Basic Records (Jun 2010) <i>Note 1: “Prime Contractor” means “JPL.”</i>
52.222-11	Subcontracts (Labor Standards) (Jul 2005) <i>Note 1: ¶ (c) – “Prime Contractor” means “JPL”</i> <i>Note 2: ¶ (c) – “Subcontractor” means “Subcontractor”</i> <i>Note 3: ¶ (d) – replace “Standard Form (SF) 1413” with “Form JPL 3557, ‘Incorporation of Labor Standards Provisions and Notice Regarding Mechanics Liens and Payment Bond’ ”</i>
52.222-50	Combating Trafficking in Persons (Feb 2009) <i>Note 1: “Government” means Government.</i>
52.222-54	Employment Eligibility Verification (Jan 2009) <i>(Applies: only when subcontractor or lower-tier subcontractor is required to have physical access to a federally-controlled facility or access to a federal information system.)</i> <i>Note 1: “Government” means Government.</i> <i>Note 2: Delete ¶ (e) and replace with: “The Subcontractor shall include the requirements of this clause, including this Paragraph (e) (appropriately modified for identification of the parties), in each lower-tier subcontract when a lower-tier subcontractor is required to have physical access to a federally-controlled facility or access to a federal information system.”</i>

52.223-2	<p>Affirmative Procurement of Biobased Products Under Service and Construction Contracts (Dec 2007) <i>(Applies to subcontracts for services or construction, unless the subcontract will not involve the use of USDA-designated items at http://www.biopreferred.gov or 7 CFR part 3201)</i></p> <p>Note 1: ¶ (b) - replace http://www.usda.gov/biopreferred with http://www.biopreferred.gov.</p>
52.223-3	<p>Hazardous Materials Identification and Material Safety Data (Jan 1997) Note 1: <i>Applies if the Subcontract will require the delivery of hazardous materials as defined in FAR 23.301.</i> Note 2: <i>ALT 1 (July 1995) applies.</i></p>
52.223-5	Pollution Prevention and Right-to-Know Information (May 2011)
52.223-7	<p>Notice of Radioactive Materials (Jan 1997) Note 1: <i>Applies if subcontract is for radioactive materials, as defined in the clause.</i> Note 2: <i>Add to paragraph (a): "30 days"</i></p>
52.223-11	<p>Ozone-Depleting Substances (May 2001) Note 1: <i>Applies to subcontracts for ozone-depleting substances or for supplies that may contain or be manufactured with ozone-depleting substances.</i> Note 2: <i>"Ozone-depleting substances" is defined in the clause.</i></p>
52.223-12	<p>Refrigeration Equipment and Air Conditioners (May 1995) Note 1: <i>Applies to services when the subcontract includes the maintenance, repair, or disposal of any equipment or appliance using ozone-depleting substances as a refrigerant, such as an air conditioners, including motor vehicles, refrigerators, chillers, or freezers.</i></p>
52.223-15	Energy Efficiency in Energy-Consuming Products (Dec 2007)
52.223-17	<p>Affirmative Procurement EPA-Designated Items in Service and Construction Contracts (May 2008) <i>(Applies to subcontracts for services or construction, unless the subcontract will not involve the use of EPA-designated items.)</i></p>
52.225-13	Restrictions on Certain Foreign Purchases (June 2008)
52.229-3	Federal, State, and Local Taxes (Apr 2003)
52.232-5	<p>Payments Under Fixed-Price Construction Contracts (Sep 2002) Note 1: ¶ (f) – "Government" remains "Government."</p>
52.236-3	Site Investigation and Conditions Affecting the Work (Apr 1984)
52.236-6	Superintendence by the Contractor (Apr 1984)
52.236-8	Other Contracts (Apr 1984)
52.236-11	Use and Possession Prior to Completion (Apr 1984)
52.236-17	Layout of Work (Apr 1984)
52.236-21	Specifications and Drawings for Construction (Feb 1997)
52.242-14	Suspension of Work (Apr 1984)
52.244-6	Subcontracts for Commercial Items (Dec 2010)
52.245-1	<p>Government Property (Apr 2012) Note 1: <i>"Government" is unchanged in the phrases "Government Property," "Government-furnished," "Government-furnished property," "Government Material," & "Government-owned."</i></p> <p>Note 2: <i>"Government" means "Government" in the following: ¶ (a), (e)(1), (e)(2) (first occurrence), (e)(3)(i), (e)(3)(ii)(first occurrence), (f)(2), (j)(except (j)(6)(i), & (m).</i></p> <p>Note 3: <i>"Government" means "JPL and the Government" in the following: ¶ (g), (h), (j)(6)(i), & (k)(4).</i></p> <p>Note 4: ¶ (a) - "agency" means "JPL."</p> <p>Note 5: <i>"Termination Contracting Officer" means "JPL Subcontracts Manager."</i></p> <p>Note 6: <i>"Government means "Government through JPL" in ¶ (k)(1),(2) & (3).</i></p> <p>Note 7: <i>"Government contract" means "Government contract or subcontract" in ¶ (j)(6)(i).</i></p>

52.245-9	Use and Charges (Apr 2012) Note 1: "Contracting Officer" means "Contracting Officer through the JPL Subcontracts Manager." Note 2: "Administrative Contracting Officer" means "Administrative Contracting Officer through the JPL Subcontracts Manager."
52.246-12	Inspection of Construction (Aug 1996)
52.246-21	Warranty of Construction (Mar 1984) (Applies: ALT I (Apr 1984) Note 1: ¶ k – Delete "Inspection and Acceptance" and substitute "Inspection of Construction."
52.247-64	Preference for Privately Owned U.S. Flag Commercial Vessels (Feb 2006) Note 1: ALT 1 (Apr 2003) applies. Note 2: "Government" means "Government." Note 3: ¶ (c)(1)(i) – "Contracting Officer" means "Contracting Officer through the JPL Subcontracts Manager." Note 4: ¶ (c)(2)(A) - "Sponsoring United States Government Agency" is to be preceded by the words "NASA shown as."
52.249-10	Default (Fixed Price Construction) (Apr 1984) (ALT I (Apr 1984) applies if the subcontract is for dismantling, demolition, or removal of improvements) Note 1: "Government" means "Government and JPL in support of its Government contractual obligations."
NFS: 1852.223-74	Drug- and Alcohol-free Workforce (Mar 1996) (Applies in all subcontracts in which work is performed by an employee in a sensitive position, except subcontracts for commercial items [see FAR Parts 2 and 12].)
NFS: 1852.225-70	Export Licenses (Feb 2000) Note 1: ALT 1 (Feb 2000) applies. Note 2: "Contracting Officer" means "Contracting Officer through the JPL Subcontracts Manager." Note 3: ¶ (b) - where it says "insert name of NASA installation" insert "JPL."
NFS: 1852.242-70	Technical Direction (Sep 1993) Note 1: "Contracting Officer Technical Representative (or COTR)" means "JPL Contract Technical Manager." Note 2: ¶ (a) - In first sentence – Delete the words "who shall be specifically appointed by the Contracting Officer in writing in accordance with NASA FAR Supplement 1842.27" and replace with "in accordance with the Delegation of Authority Form." Note 3: ¶ (a) - In last sentence - delete the words "in Section C of this contract" and replace with "of this subcontract."
Applicable for Subcontract Values Greater than \$2,000	
52.222-6	Davis-Bacon Act (Jul 2005)
52.222-7	Withholding of Funds (Feb 1988)
52.222-8	Payrolls and Basic Records (Jun 2010)
52.222-9	Apprentices and Trainees (Jul 2005)
52.222-10	Compliance with Copeland Act Requirements (Feb 1988)
52.222-11	Subcontracts (Labor Standards) (July 2005)
52.222-12	Contract Termination – Debarment (Feb 1988)
52.222-13	Compliance with Davis-Bacon and Related Act Regulations (Feb 1988)
52.222-14	Disputes Concerning Labor Standards (Feb 1988)
52.222-15	Certification of Eligibility (Feb 1988)
Applicable for Subcontract Values Greater than \$3,000	
52.223-18	Encouraging Contractor Policies to Ban Text Messaging While Driving (Aug 2011)
Applicable for Subcontract Values Greater than \$10,000	
52.222-21	Prohibition of Segregated Facilities (Feb 1999)

52.222-26	Equal Opportunity (Mar 2007) <i>Note 1: "Contracting Officer" means "Contracting Officer." Note 2: "Government" means "Government."</i>
52.222-27	Affirmative Action Compliance Requirements for Construction (Feb 1999)
52.222-40	Notification of Employee Rights Under the National Labor Relations Act (Dec 2010) <i>(Applies in every subcontract that exceeds \$10,000 and will be performed wholly or partially in the United States, unless exempted by the rules, regulations, or orders of the Secretary of Labor issued pursuant to section 3 of Executive Order 13496 of January 30, 2009.)</i>
Applicable for Subcontract Values Greater than \$15,000	
52.222-36	Affirmative Action for Workers with Disabilities (Oct 2010) <i>(Does not apply if both the performance of the work and the recruitment of workers will occur outside the United States, Puerto Rico, the Northern Mariana Islands, American Samoa, Guam, the U.S. Virgin Islands, and Wake Island.)</i>
Applicable for Subcontract Values of \$25,000 or More	
52.204-10	Reporting Executive Compensation and First-Tier Subcontract Awards (Jul 2010) <i>Note 1: Subcontractor shall report to the information required by (c)(1) and the executive compensation required by (c)(3) unless the Subcontractor is exempt. Note 2: "Government" means "Government." Note 3: The subcontract or is notified that unless otherwise exempt, all reported information as required by the clause will be made public. Note 4: ¶(a) - "Definitions" apply to this clause.</i>
Applicable for Subcontract Values Greater than \$30,000	
52.209-6	Protecting the Government's Interest When Subcontracting with Contractors Debarred, Suspended, or Proposed for Debarment (Dec 2010) <i>(Does not apply to a subcontract for commercially available off-the-shelf items.) Note 1: "Government" means "Government."</i>
Applicable for Subcontract Values Greater than \$75,000	
52.211-15	Defense Priority and Allocation Requirements (Apr 2008)
Applicable for Subcontract Values of \$100,000 or More	
52.222-35	Equal Opportunity for Veterans (Sep 2010) <i>(Does not apply if work is performed outside the United States by employees recruited outside the U.S.) Note 1: "Government" means "Government."</i>
52.222-37	Employment Reports on Veterans (Sep 2010) <i>Note 1: "Government" means "Government."</i>
NFS: 1852.244-70	Geographic Participation in the Aerospace Program (Apr 1985)
Applicable for Subcontract Values Greater than \$150,000	
52.203-7	Anti-Kickback Procedures (Oct 2010) <i>(Does not apply to commercial items.) Note 1: ¶(a) - "Definitions" apply to this clause.</i>
52.203-12	Limitation on Payments to Influence Certain Federal Transactions (Oct 2010) <i>Note 1: "Government" means "Government."</i>
52.215-2	Audits and Records – Negotiation (Oct 2010) <i>(Does not apply to the acquisition of commercial items exempted under FAR 15.403-1.) (ALT II [APR 1998] applies for cost-reimbursement contracts with State and local Governments, educational institutions, and other nonprofit organizations.)</i>

	<p>Note 1: "Government" means "Government." Note 2: "Contracting Officer" means "Contracting Officer" and "JPL."</p>
52.219-8	<p>Utilization of Small Business Concerns (Jan 2011) (Does not apply when: a. A personal services subcontract is contemplated [see FAR 37.104]; or b. The subcontract, together with all of its lower-tier subcontracts, will be performed entirely outside of the United States and its outlying areas.)</p>
52.222-4	<p>Contract Work Hours and Safety Standards Act – Overtime Compensation (July 2005) (Applies when the subcontract may require or involve the employment of laborers or mechanics) (Does not apply to subcontracts for: a. commercial items; b. transportation or the transmission of intelligence; and c. subcontracts to be performed outside the United States, Puerto Rico, American Samoa, Guam, the U.S. Virgin Islands, Johnston Island, Wake Island, and Outer Continental Shelf lands as defined in the Outer Continental Shelf Lands Act [43 U.S.C. 1331] [29 CFR 5.15].)</p> <p>Note 1: "Government" means "the Government and JPL in support of its Government contractual obligations." Note 2: "Contracting Officer" means "Contracting Officer through the JPL Subcontracts Manager."</p>
52.223-6	<p>Drug-free Workplace (May 2001) (Does not apply to subcontracts: a. At or below the simplified acquisition threshold; however, the requirements apply to all subcontracts of any value awarded to an individual; b. For the acquisition of commercial items (see FAR Part 12); c. Performed outside the United States and its outlying areas or any part of a subcontract performed outside the United States and its outlying areas; d. By law enforcement agencies, if the head of the law enforcement agency or designee involved determines that application of this subpart would be inappropriate in connection with the law enforcement agency's undercover operations; or e. Where application would be inconsistent with the international obligations of the United States or with the laws and regulations of a foreign country.)</p>
52.227-1	<p>Authorization and Consent (Dec 2007) (ALT I (Apr 1984) applies in all R&D solicitations and subcontracts for which the primary purpose is R&D work, except that this alternate shall not be used in construction and architect-engineer subcontracts, unless the subcontract calls exclusively for R&D work.) (Does not apply when both complete performance and delivery are outside the United States.)</p> <p>Note 1: ¶ (a) & (a)(2) – "Government" means "Government."</p>
52.227-2	<p>Notice and Assistance Regarding Patent and Copyright Infringement (Dec 2007) Note 1: ¶ (a) – "Contracting Officer" means "Contracting Officer through the JPL Subcontracts Manager." Note 2: ¶ (b) – "Government" means "Government." Note 3: ¶ (b) – "Contracting Officer" means "Contracting Officer."</p>
52.236-3	Site Investigation and Conditions Affecting the Work (Apr 1984)
52.236-8	Other Contracts (Apr 1984)
52.242-13	<p>Bankruptcy (Jul 1995) Note 1: Upon the notification requirement per FAR 52.242-13, the Subcontractor shall to the maximum extent permitted by law: (1) continue to ensure that JPL has the right of access to all areas of the facilities and records involved in this subcontract; and (2) provide JPL access to subcontract documents delivered in place/held at the Subcontractor's facility or provide electronic copies thereof.</p> <p>The Subcontractor shall ensure that the trustee, receiver, or liquidator, as applicable, is aware of the requirements set forth immediately above.</p>
52.243-4	Changes – Construction (Jun 2007)
52.247-63	<p>Preference for U.S. Flag Air Carriers (Jun 2003) (Applies whenever it is possible that U.S. Government-financed international air transportation of personnel [and their personal effects] or property will occur in the performance of the subcontract.) Note 1: "Government" means "Government."</p>

52.249-2	Termination for Convenience of the Government (Fixed-Price) (Apr 2012)
Applicable for Subcontract Values Greater than \$500,000	
NFS: 1852.223-75	Major Breach of Safety and Security (Feb 2002) <i>Note: ALT I (Feb 2006) applies if the subcontract is with an educational or other nonprofit institution and contains the termination clause at FAR 52.249-5 or if the subcontract is for commercial items and contains the clause at FAR 52.212-4.</i>
Applicable for Subcontract Values Greater than \$550,000	
NFS: 1852.219-74	Use of Rural Area Small Businesses (Sept 1990) <i>(Applies when a subcontract is expected to exceed \$550,000 [\$1,000,000 for construction of public facility] unless the subcontract, together with all its lower-tier subcontracts, is to be performed entirely outside of any State, territory, or possession of the United States, the District of Columbia, the Commonwealth of Puerto Rico, and the Trust Territory of the Pacific Islands.)</i>
Applicable for Subcontract Values Greater than \$650,000	
52.219-9	Small Business Subcontracting Plan (Jan 2011) <i>(Applies:</i> <i>(a) to all subcontracting possibilities expected to exceed \$650,000 [\$1.5 million for construction of any public facility]</i> <i>(b) When subcontracting by sealed bidding rather than by negotiation, use with Alt 1 [Oct 2001]</i> <i>(c) When subcontracting by negotiation, and subcontracting plans are required with initial proposals as provided for in FAR 19.705-2(d), use with Alt II [Oct 2001])</i> <i>Note 1: JPL's approval of the Plan will be based on the requirements in JPL Form 0294 "Subcontracting Plan Requirements."</i>
1852.219-75	Small Business Subcontracting Reporting (May 1999) <i>(Applies to all subcontracts containing the clause at FAR 52.219-9, except for subcontracts covered by an approved commercial plan.)</i>
Applicable for Subcontract Values Greater than \$700,000	
52.215-11	Price Reduction for Defective Certified Cost or Pricing Data – Modifications (Aug 2011) <i>Note 1: ¶(e) - "United States" means "United States through JPL."</i> <i>Note 2: ¶(e)(1) - "Government" means "Government."</i>
52.215-13	Subcontractor Certified Cost or Pricing Data – Modifications (Oct 2010)
52.215-15	Pension Adjustments and Asset Reversions (Oct 2010)
52.215-18	Reversion or Adjustment of Plans for Postretirement Benefits (PRB) Other than Pensions (Jul 2005) <i>(Applies: if certified cost or pricing data is required or if any pre-award or post-award cost determination will be subject to FAR Part 31.)</i>
52.215-19	Notification of Ownership Changes (Oct 1997) <i>Note 1: "Administrative Contracting Officer" means "JPL Subcontracts Manager."</i>
52.215-21	Requirements for Certified Cost or Pricing Data and Data Other Than Certified Cost or Pricing Data – Modifications (Oct. 2010)
Applicable for Subcontract Values Greater than \$5,000,000	
52.203-13	Contractor Code of Business Ethics and Conduct (Apr 2010) <i>(Applies if the subcontract exceeds \$5,000,000 and has a performance period of more than 120 days)</i> <i>Note 1: "Subcontract" means "subcontract."</i> <i>Note 2: "Government" means "Government and JPL in support of its Government contractual obligations."</i>

Applicable for Subcontract Values Less than \$7,777,000	
52.225-9	Buy American Act—Construction Materials (Sept 2010)
Applicable for Subcontract Values at \$7,777,000 or Greater	
52.225-11	Buy American Act – Construction Materials Under Trade Agreements (Mar 2012) <i>(Applies if construction is within the United States)</i>
	<i>Note 1: Alt 1 (Mar 2012) applies if subcontract value \$7,777,000 or greater but less than \$10,074,262.</i>