

Supplies or Services/Prices

1852.216-78 Firm Fixed Price. (DEC 1988)

The total firm fixed price of this contract is \$*[Insert the appropriate amount]*.

(End of clause)

Description

STATEMENT OF WORK

The Contractor shall provide all resources (except as may be expressly stated in the contract as furnished by the Government) necessary to deliver and/or perform the items below in accordance with the Phase 1 proposal # *[]* entitled "*[]*", which is hereby incorporated in contract.

Schedule of Events	Due Date	Distribution
IT Security Management Plan	Within 30 Days Following Award	Electronic Handbook (EHB)
Quarterly (Interim) Demonstration Report	Within 15 day after period to be reported	EHB
Final Report, Accomplished/Updated Briefing Chart, Project Summary Chart, and New Technology Summary Report (NTSR) is required. Both NTSR and New Technology Report (NTR) are required when new technology is developed.	End of Contract	EHB NTTS via the EHB

(End of text)

Packaging and Marking

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

(a) The Contractor shall comply with NASA Procedural Requirements (NPR) 6000.1, "Requirements for Packaging, Handling, and Transportation for Aeronautical and Space Systems, Equipment, and Associated Components", as may be supplemented by the statement of work or specifications of this contract, for all items designated as Class I, II, or III.

(b) The Contractor's packaging, handling, and transportation procedures may be used, in whole or in part, subject to the written approval of the Contracting Officer, provided (1) the Contractor's procedures are not in conflict with any requirements of this contract, and (2) the requirements of this contract shall take precedence in the event of any conflict with the Contractor's procedures.

(c) The Contractor must place the requirements of this clause in all subcontracts for items that will become components of deliverable Class I, II, or III items.

(End of clause)

Inspection and Acceptance

52.246-9 Inspection of Research and Development (Short Form). (APR 1984)

1852.246-72 Material Inspection and Receiving Report. (AUG 2003)

(a) At the time of each delivery to the Government under this contract, the Contractor shall furnish

a Material Inspection and Receiving Report (DD Form 250 series) prepared in 1copy.

(b) The Contractor shall prepare the DD Form 250 in accordance with NASA FAR Supplement 1846.6. The Contractor shall enclose the copies of the DD Form 250 in the package or seal them in a waterproof envelope, which shall be securely attached to the exterior of the package in the most protected location.

(c) When more than one package is involved in a shipment, the Contractor shall list on the DD Form 250, as additional information, the quantity of packages and the package numbers. The Contractor shall forward the DD Form 250 with the lowest numbered package of the shipment and print the words "CONTAINS DD FORM 250" on the package.

(End of clause)

Deliveries or Performance

PERIOD OF PERFORMANCE

The period of performance of this contract is months from the effective date of the contract.

(End of clause)

Contract Administration Data

SBIR PHASE I INVOICES AND PAYMENT

(A) The Contractor shall submit each invoice electronically through the SBIR/STTR Awardee Firm Electronic Handbook (EHB) at <https://ehb8.gsfc.nasa.gov/contracts/public/firmHome.do>. No other copies shall be sent to the NSSC, the Contracting Officer, Finance Office, or the Technical Monitor (TM). Failure to comply with this provision may delay payment to the Contractor.

(B) Invoices shall be submitted through the EHB in accordance with the following schedule:

Invoice	Schedule	Amount
1	Advance - Immediately after award	\$
2	Three (3) months following contract effective date	\$
3	Final Report, Accomplished/Updated Briefing Chart, and Project Summary Chart	\$
4	New Technology Summary Report (NTSR) is required. Both NTSR and New Technology Report (NTR) are required when new technology is developed.	\$10,000.00
5	New Technology Certification of Compliance Receive from NASA New Technology Representative	\$5,000.00

(C) Required Certification: As a condition for payment under this contract, the following certification shall be completed in the EHB before submitting each invoice. The certification shall be completed by an authorized person of your firm and any items not applicable to this contract shall reflect NA.

Certification

During performance of this contract, I certify --

1. Essentially equivalent work performed under this contract has not been proposed for funding to another Federal agency;

2. No other Federal funding award has been received for essentially equivalent work performed under this contract;
3. Deliverable items submitted under this contract have not been submitted as deliverable items under another Federal funding award;
4. For SBIR contracts: The subcontracting limitation set forth in this contract was not exceeded except as approved in writing by the Contracting Officer on (insert date of approval or modification number.);
5. For STTR contracts: The subcontracting limitation set forth in this contract was not exceeded;
6. For SBIR contracts: The primary employment of the principal investigator (PI) identified in this SBIR contract was with the Contractor, except as approved in writing by the Contracting Officer on (insert date of approval or modification number.); and
7. For STTR contracts: The primary employment of the principal investigator (PI) identified in this STTR contract was the SBC/Contractor or the research institution (RI). The PI identified in the STTR contract was considered key in the performance of this contract. The SBC/Contractor whether or not the employer of the PI, did exercise primary management direction and control over the PI and was overall responsible for the PI's performance under this contract. Any substitutions of this individual were approved in writing by the Contracting Officer on (insert date of approval or modification number.).

I understand that the willful provision of false information or concealing a material fact in this representation is a criminal offense under Title 18 USC, Section 1001, False Statements, as well as Title 18 USC, Section 287, False Claims.

(D) Advance Payments

Payments of the first and second invoices are considered Advance Payments. For the purpose of the Advance Payments clause, the contractor must comply with all material requirements of the contract before advance payments can be released. Material requirements include submittal of all required deliverables along with the IT Security Plan and the Quarterly (Interim) Demonstration Report; proper invoices and certifications.

(E) Final Payments.

The final invoice payments are based upon successful performance of all requirements of the contract. Successful performance is defined by receipt and acceptance of each deliverable by the Agency Technical Monitor (TM). For NTSR and NTR requirement (invoice 4), successful performance is defined by the receipt, acceptance and issuance of a Certification of Compliance by the NASA/Center New Technology Office with concurrence from the Patent Representative. Generally, payments are made within thirty (30) days of acceptance of deliverables.

Any payment may be withheld if the required deliverables have not been submitted or accepted by the Technical Monitor. All reports shall be submitted by uploading one (1) copy into the Electronic Handbook at the following URL: <https://ehb8.gsfc.nasa.gov/contracts/public/firmHome.do>

(End of clause)

SBIR PHASE I ADDITIONAL REPORTS OF WORK

(A) Interim Technical Demonstration Report:

(1) At the end of month three (3) of contract performance the Contractor shall submit an interim technical demonstration report of all work accomplished. The report shall be in narrative form, be brief, and informal. This report shall include:

- (I) A quantitative description of work performed during the period;
- (II) An indication of any current problems, which may impede performance or impact program schedule or cost, and proposed corrective action;
- (III) A discussion of the work to be performed during the next reporting period;
- (IV) A description of any changes to the planned use of subcontractors since contract award; and
- (V) Estimated percentage of physical completion of the contract.

This report shall be submitted via the NASA SBIR Contract Administration Electronic Handbook. Instructions for the electronic submission process are available on the NASA SBIR Home Page at <http://sbir.gsfc.nasa.gov/SBIR/SBIR.html>

(2) Interim Technical Demonstration Report shall be submitted within fifteen (15) days following the period to be reported, except for the Final Report, which shall be submitted no later than the final day of the contract performance period.

(B) Final Report, Accomplished Briefing Chart, Summary Chart, and Project Summary: The Contractor shall submit a Final Report within six (6) months from the effective date of this contract. The report shall be in narrative form documenting and summarizing the results of the entire contract work. The following instructions apply to the final report and are in addition to the requirements of clause 1852.235-73, Final Scientific and Technical Reports, of this contract.

(1) The Final Report shall include a single-page project summary as the first page, identifying the purpose of the research, a brief description of the research carried out, the research findings or results (including the degree to which the Phase I objectives were achieved), and whether the results justify Phase II continuation. The project summary is to be submitted without restriction for NASA publication. This document should not contain any proprietary data and should be submitted without any restrictive markings. Instructions for the electronic submission of the project summary are posted on the NASA SBIR/STTR Awardee Firm Electronic Handbooks at <https://ehb8.gsfc.nasa.gov/contracts/public/firmHome.do>.

(2) The project summary shall be submitted with each copy of the final report and as a separate electronic submission via the NASA SBIR/STTR Awardee Firm Electronic Handbooks at <https://ehb8.gsfc.nasa.gov/contracts/public/firmHome.do>

(3) The balance of the report should indicate in detail the project objectives, work carried out, results obtained, and assessment of technical merit and feasibility. The potential applications of the project results in Phase III both for NASA purposes and for commercial purposes shall also be included. Rights to both interim and final report data (except for the project summary) shall be in accordance with clause 52.227-20, Rights in Data -- SBIR Program, of this contract. The Contractor shall mark all pages of reports (except the project summary) with the SBIR Rights notice set forth in clause 52.227-20.

(C) Report Documentation Page: In accordance with 1852.235-73, the last page of the final report shall be a completed Standard Form (SF) 298.

(D) Reports Distribution: Interim and final reports shall be distributed electronically via the NASA SBIR/STTR Awardee Firm Electronic Handbooks at <https://ehb8.gsfc.nasa.gov/contracts/public/firmHome.do>

(End of clause)

REQUEST FOR PROPOSAL FOR PHASE II FOLLOW-ON CONTRACT

(a) This Phase I contract serves as a request for proposal for an SBIR Phase II follow-on contract except: (i) when NASA notifies the contractor that the area or topic of research is no longer suitably high enough within the Agency's research priorities; or (ii) when NASA notifies the contractor that the Phase I research results are not worthy of continuation. Submission of a Phase II proposal is strictly voluntary and NASA assumes no responsibility for proposal preparation costs. Phase II proposals are due at the end of the Phase I contract. If interested in competing for a Phase II award, **THE PHASE II PROPOSALS SHALL BE RECEIVED BY THE GOVERNMENT NO LATER THAN 5:00 pm EDT ON THE LAST DAY OF THE PHASE I CONTRACT ORIGINAL PERIOD OF PERFORMANCE END DATE. LATE PROPOSALS MAY BE ELIMINATED FROM FURTHER CONSIDERATION FOR PHASE II AWARDS.**

(b) See **Attachment 5** of the contract for proposal instructions and evaluation criteria.

(End of text)

1852.227-70 New Technology. (MAY 2002)

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

(a) For purposes of administration of the clause of this contract entitled "New Technology" or "Patent Rights - Retention by the Contractor (Short Form)," whichever is included, the following named representatives are hereby designated by the Contracting Officer to administer such clause:

See Attachment 1: Distribution List

(b) Reports of reportable items, and disclosure of subject inventions, interim reports, final reports, utilization reports, and other reports required by the clause, as well as any correspondence with respect to such matters, should be directed to the New Technology Representative unless transmitted in response to correspondence or request from the Patent Representative. Inquires or requests regarding disposition of rights, election of rights, or related matters should be directed to the Patent Representative. This clause shall be included in any subcontract hereunder requiring a "New Technology" clause or "Patent Rights - Retention by the Contractor (Short Form)" clause, unless otherwise authorized or directed by the Contracting Officer. The respective responsibilities and authorities of the above-named representatives are set forth in 1827.305-370 of the NASA FAR Supplement.

(End of clause)

SECTION 508 COMPLIANCE

(a) The Workforce Investment Act of 1998 amended section 508 of the Rehabilitation Act of 1973 to require that :

(1) When developing, procuring, maintaining or using Electronic and Information Technology (EIT), agencies must ensure that employees with disabilities have access to and use of information and data that is comparable to that for other employees; and

(2) Members of the public with disabilities seeking information or services from an agency have access to and use of information and data that is comparable to that for members of the public without disabilities.

(b) Section 508 standards should be taken into consideration in the design of prototypes. Failure to meet Section 508 standards will impact the Government's ability to make future purchases of the technology developed under this contract. Information regarding Section 508 standards can be obtained at <http://www.access-board.gov/508.htm>.

(End of clause)

SBIR Submittals through the Electronic Handbook (EHB)

ACCOMPLISHED/UPDATED BRIEFING SUMMARY CHART

See attachment 2 for the **new** format required.

CERTIFICATION OF COMPLIANCE

In accordance with NFS 1827.305-370(e) NASA patent rights and new technology follow-up procedures, the \$5,000.00 invoice will not be approved for payment until the Contracting Officer (CO) receives the New Technology Representative's certification of compliance and the Patent Representative's concurrence unless otherwise approved by the CO.

The certificate of compliance is a requirement of the New Technology Office. After submission of your required new technology reporting, it will be reviewed by a representative of that office for compliance. Your firm is required to submit the correct report(s). After review and acceptance of the correct report(s), the new technology representative will issue a certificate of compliance of the reporting requirement and your final invoice of \$5,000.00 will be approved for payment by a CO.

CERTIFICATION

As a condition for payment under this contract, the following certification shall be completed in the EHB for each invoice. The certification is pre-set in the EHB and it shall be completed before uploading each invoice.

The contractor is required to indicate not applicable or NA for statements that are not applicable to the contract. The contractor shall accurately complete the certification in its entirety.

Certification

During performance of this contract, I certify --

1. Essentially equivalent work performed under this contract has not been proposed for funding to another Federal agency;
2. No other Federal funding award has been received for essentially equivalent work performed under this contract;
3. Deliverable items submitted under this contract have not been submitted as deliverable items under another Federal funding award;
4. For SBIR contracts: The subcontracting limitation set forth in this contract was not exceeded except as approved in writing by the Contracting Officer on (insert date of approval or modification number.);
5. For STTR contracts: The subcontracting limitation set forth in this contract was not exceeded;
6. For SBIR contracts: The primary employment of the principal investigator (PI) identified in this SBIR contract was with the Contractor, except as approved in writing by the Contracting Officer on (insert date of approval or modification number.); and
7. For STTR contracts: The primary employment of the principal investigator (PI) identified in this STTR contract was the SBC/Contractor or the research institution (RI). The PI identified in the STTR contract was considered key in the performance of this contract. The SBC/Contractor whether or not the employer of the PI, did exercise primary management direction and control over the PI and was overall responsible

for the PI's performance under this contract. Any substitutions of this individual were approved in writing by the Contracting Officer on (insert date of approval or modification number.).

I understand that the willful provision of false information or concealing a material fact in this representation is a criminal offense under Title 18 USC, Section 1001, False Statements, as well as Title 18 USC, Section 287, False Claims.

With your final invoice you will be required to upload a signed re-certification form into the EHB (see NFS 1852.219-85).

INVOICES

Contractor shall upload proper invoices into the EHB in accordance your contract payment schedule. A proper invoice includes your firm's name and address, a date, the amount of the invoice, the period and/or items it covers, and the invoice should only be submitted for research/work completed. For the invoice, no copies or actions are required. No other copies shall be sent to the NSSC, the Contracting Officer, Finance Office, or the Technical Monitor (TM). Failure to follow the requirements stipulated herein will delay payment.

Payment of invoices will be based upon completion of milestones and approval of each report and/or prototype by the TM. Payment will be withheld if the required milestones have not been submitted and accepted by the TM. Except for the final payment, all payments are considered finance payments. Therefore, interest payments in accordance with FAR 52.232-25 only apply to the final payment. In accordance with FAR 52.232-25, interest will not accrue on the final payment until thirty (30) days after TM acceptance of the final product and receipt of a proper invoice. Also, in accordance with NFS 1827.305-370(e) NASA patent rights and new technology follow-up procedures, the final payment will not be approved until the Contracting Officer (CO) receives the New Technology Representative's certification of compliance and the Patent Representative's concurrence unless otherwise authorized/approved by the CO.

Along with the invoice, the contractor shall complete the pre-set certification above with each invoice.

Final Payments

The final invoice payment is based upon successful performance of all requirements of the contract. Successful performance is defined by receipt and acceptance of each deliverable by the TM. For NTSR and NTR requirements, successful performance is defined by the receipt, acceptance and issuance of a Certification of Compliance by the NASA/Center New Technology Office with concurrence from the Patent Representative. Generally, payments are made within thirty (30) days of acceptance of deliverables. Any payment may be withheld if the required deliverables have not been submitted and accepted by the TM and all required approvals and certifications are received.

(End of text)

LATE DELIVERABLES

NASA expects the Contractor to meet its contractual obligations by staying on schedule. Extensions are not normally authorized on Phase I contracts.

IT SECURITY MANAGEMENT PLAN

It is due 30 days after the effective date of award. See Attachment 4 for the approved IT Security Management Plan template.

NEW TECHNOLOGY REPORT (NTR)

In accordance with 1852.227-11, the contractor is required to disclose subject inventions and when new technology is developed. A final disclosure is required at the end of the performance period of the contract when new technology is developed. Additional information can be viewed at <http://invention.nasa.gov>

NEW TECHNOLOGY SUMMARY REPORT (NTSR)

A new technology summary report is required. It is required every 12 months and a final one is at the end of the performance period of the contract. Additional information can be viewed at <http://invention.nasa.gov>

QUARTERLY/INTERIM DEMONSTRATION REPORT

Quarterly Demonstration Report shall be prepared in accordance with NFS 1852.235-74(b).

(1) The reports shall also be submitted in accordance with the deliverable schedule. Contractor shall submit a demonstration report of all work accomplished during that period. The report shall be in narrative form include --

- (i) A quantitative description of work performed during the period to include milestones completed;
- (ii) An indication of any current problems, which may impede performance or impact program schedule or cost, and proposed corrective action;
- (iii) A discussion of the work to be performed during the next reporting period;
- (iv) Description of any changes to the planned use of subcontractors since contract award; and
- (v) Estimated percentage of physical completion of the contract.

This report shall be uploaded into EHB. Instructions for the electronic submission process are available to contractors on the NASA SBIR home page at <http://sbir.nasa.gov>

(2) The final report and deliverables, if applicable, shall be submitted no later than the final day of the contract performance period.

Patent and New Technology Reporting shall be submitted in accordance with FAR 52.227-11(c) and, NFS 1852.227-11(f) (5).

A DD 250 report is required for each hard deliverable submitted to a NASA Center. One copy shall be submitted with the deliverable and one copy shall be uploaded along with proof of delivery of the prototype into the EHB.

A SF 298 is required with the Contractor final report. It shall be the first page of the final report. The Contractor shall submit all final reports within the period of performance or by the last day of this contract.

If final reports can be submitted earlier than 15 days before the due date, a justification shall be provided to the TM and CO to determine whether or not the period of performance needs to be adjusted and if the reason is acceptable.

The report shall be in narrative form documenting and summarizing the results of the entire contract work. The following instructions apply to the final reports and are in addition to the requirements of the NFS 1852.227-11 "Patent Rights-Retention by the Contractor (Short Form)" clause of this contract.

- (1) The Final Report shall include both a single-page project summary as the first page, identifying the purpose of the research, a brief description of the research carried out and the research findings or results, and a "Final Phase 1 Accomplished/Updated Briefing Chart." The summaries shall be submitted without restriction for NASA publication. Proprietary data shall not

be included in the final report nor contain proprietary restrictive markings unless authorized by a Contracting Officer (CO). Instructions for the electronic submission of the project summary and a sample of the Summary Chart are posted on the NASA SBIR EHB located in the NASA SBIR/STTR Forms Library. For instructions for completing the accomplished/updated briefing chart and a template see Attachment 2.

(2) The project summary and accomplished/updated briefing chart shall be submitted with the final report via EHB.

(3) The balance of the report should indicate in detail the project objectives, work carried out, results obtained, and assessment of technical feasibility. The potential applications of the project results in Phase III both for NASA purposes and for commercial purposes shall also be included. Rights to both interim and final report data (except for the project summary) shall be in accordance with clause 52.227-20, Rights in Data -- SBIR Program, of this contract.

SBIR RIGHTS NOTICE (DEC 2007)

These SBIR data are furnished with SBIR rights under Contract No. _____ (and subcontract _____, if appropriate). For a period of 4 years, unless extended in accordance with FAR 27.409(h), after acceptance of all items to be delivered under this contract, the Government will use these data for Government purposes only, and they shall not be disclosed outside the Government (including disclosure for procurement purposes) during such period without permission of the Contractor, except that, subject to the foregoing use and disclosure prohibitions, these data may be disclosed for use by support Contractors. After the protection period, the Government has a paid-up license to use, and to authorize others to use on its behalf, these data for Government purposes, but is relieved of all disclosure prohibitions and assumes no liability for unauthorized use of these data by third parties. This notice shall be affixed to any reproductions of these data, in whole or in part.

(END OF NOTICE)

MARKINGS

Data Rights

NASA shall protect from disclosure and non-governmental use of SBIR technical data developed from work performed under a SBIR funding agreement for a period of no less than 4 years from delivery of the last deliverable under that agreement (Phase I, Phase II, or Federally-funded SBIR Phase III) unless the agency obtains permission to disclose such SBIR technical data from the awardee. The Government shall retain a royalty-free license for Government use of any technical data delivered under an SBIR funding agreement, whether patented or not.

The SBIR data rights shall not be the subject of negotiations pertaining to the award of an SBIR Phase III award or diminished or removed during award administration.

(5) Reports shall not include any DOD references or markings.

(6) For documents that are export controlled, the below applicable statements shall be used:

International Traffic in Arms Regulations (ITAR) Notice

This item (identification number) falls under the purview of the U.S. Munitions List (USML), as defined in the International Traffic in Arms Regulations (ITAR), 22 CFR 120-130, and is export controlled. It shall not be transferred to foreign nationals, in the U.S. or abroad, without specific approval from the Department of States Directorate of Defense Trade Controls and/or unless an export, license/license exemption is obtained/available from the United States Department of State. Violations of these regulations are punishable by fine, imprisonment, or both.

Export Administration Regulations (EAR) Notice

This document contains information within the purview of the Export Administration Regulations (EAR), 15 CFR 730-774, and is export controlled. It may not be transferred to foreign nationals in the U.S. or abroad without specific approval of a knowledgeable NASA export control official, and/or unless an export license/license exception is obtained/available from the Bureau of Industry and Security, United States Department of Commerce.

Violations of these regulations are punishable by fine, imprisonment, or both.

(7) Inclusion of Proprietary Information is highly discouraged unless it is required for the validity of the report. IF it is required, approval to include it in the report shall be granted by the TM and CO. The Contractor is required to provide a draft of the report to the TM and CO clearly reflecting what pages contain propriety data before uploading the report into the EHB. THE WHOLE REPORT CAN NOT BE PROPRIETARY.

(End of text)

Special Contract Requirements

1852.223-70 Safety and Health. (APR 2002)

(a) Safety is the freedom from those conditions that can cause death, injury, occupational illness, damage to or loss of equipment or property, or damage to the environment. NASA's safety priority is to protect: (1) the public, (2) astronauts and pilots, (3) the NASA workforce (including contractor employees working on NASA contracts), and (4) high-value equipment and property.

(b) The Contractor shall take all reasonable safety and occupational health measures in performing this contract. The Contractor shall comply with all Federal, State, and local laws applicable to safety and occupational health and with the safety and occupational health standards, specifications, reporting requirements, and any other relevant requirements of this contract.

(c) The Contractor shall take, or cause to be taken, any other safety, and occupational health measures the Contracting Officer may reasonably direct. To the extent that the Contractor may be entitled to an equitable adjustment for those measures under the terms and conditions of this contract, the equitable adjustment shall be determined pursuant to the procedures of the changes clause of this contract; provided, that no adjustment shall be made under this Safety and Health clause for any change for which an equitable adjustment is expressly provided under any other clause of the contract.

(d) The Contractor shall immediately notify and promptly report to the Contracting Officer or a designee any accident, incident, or exposure resulting in fatality, lost-time occupational injury, occupational disease, contamination of property beyond any stated acceptable limits set forth in the contract Schedule; or property loss of \$25,000 or more, or Close Call (a situation or occurrence with no injury, no damage or only minor damage (less than \$1,000) but possesses the potential to cause any type mishap, or any injury, damage, or negative mission impact) that may be of immediate interest to NASA, arising out of work performed under this contract. The Contractor is not required to include in any report an expression of opinion as to the fault or negligence of any employee. In addition, service contractors (excluding construction contracts) shall provide quarterly reports specifying lost-time frequency rate, number of lost-time injuries, exposure, and accident/incident dollar losses as specified in the contract Schedule.

(e) The Contractor shall investigate all work-related incidents, accidents, and Close Calls, to the extent necessary to determine their causes and furnish the Contracting Officer a report, in such form as the Contracting Officer may require, of the investigative findings and proposed or completed corrective actions.

(f) (1) The Contracting Officer may notify the Contractor in writing of any noncompliance with this clause and specify corrective actions to be taken. When the Contracting Officer becomes aware of noncompliance that may pose a serious or imminent danger to safety and health of the public, astronauts and pilots, the NASA workforce (including contractor employees working on NASA contracts), or high value mission critical equipment or property, the Contracting Officer shall notify the Contractor orally, with written confirmation. The Contractor shall promptly take and report any necessary corrective action.

(2) If the Contractor fails or refuses to institute prompt corrective action in accordance with subparagraph (f) (1) of this clause, the Contracting Officer may invoke the stop-work order clause in this contract or any other remedy available to the Government in the event of such failure or refusal.

(g) The Contractor (or subcontractor or supplier) shall insert the substance of this clause, including this paragraph (g) and any applicable Schedule provisions and clauses, with appropriate changes of designations of the parties, in all solicitations and subcontracts of every tier, when one or more of the following conditions exist:

(1) The work will be conducted completely or partly on premises owned or controlled by the Government.

(2) The work includes construction, alteration, or repair of facilities in excess of the simplified acquisition threshold.

(3) The work, regardless of place of performance, involves hazards that could endanger the public, astronauts and pilots, the NASA workforce (including Contractor employees working on NASA contracts), or high value equipment or property, and the hazards are not adequately addressed by Occupational Safety and Health Administration (OSHA) or Department of Transportation (DOT) regulations (if applicable).

(4) When the Contractor (or subcontractor or supplier) determines that the assessed risk and consequences of a failure to properly manage and control the hazard(s) warrants use of the clause.

(h) The Contractor (or subcontractor or supplier) may exclude the provisions of paragraph (g) from its solicitation(s) and subcontract(s) of every tier when it determines that the clause is not necessary because the application of the OSHA and DOT (if applicable) regulations constitute adequate safety and occupational health protection. When a determination is made to exclude the provisions of paragraph (g) from a solicitation and subcontract, the Contractor must notify and provide the basis for the determination to the Contracting Officer. In subcontracts of every tier above the micro-purchase threshold for which paragraph (g) does not apply, the Contractor (or subcontractor or supplier) shall insert the substance of paragraphs (a), (b), (c), and (f) of this clause).

(i) Authorized Government representatives of the Contracting Officer shall have access to and the right to examine the sites or areas where work under this contract is being performed in order to determine the adequacy of the Contractor's safety and occupational health measures under this clause.

(j) The contractor shall continually update the safety and health plan when necessary. In particular, the Contractor shall furnish a list of all hazardous operations to be performed, and a list of other major or key operations required or planned in the performance of the contract, even though not deemed hazardous by the Contractor. NASA and the Contractor shall jointly decide which operations are to be considered hazardous, with NASA as the final authority. Before hazardous operations commence, the Contractor shall submit for NASA concurrence -

- (1) Written hazardous operating procedures for all hazardous operations; and/or
- (2) Qualification standards for personnel involved in hazardous operations.

(End of clause)

1852.219-80 Limitation on Subcontracting - SBIR Phase I Program. (OCT 2006)

The Contractor shall perform a minimum of two-thirds of the research and/or analytical effort (total contract price less profit) conducted under this contract. Any deviation from this requirement must be approved in advance and in writing by the Contracting Officer.

(End of clause)

1852.219-83 Limitation of the Principal Investigator - SBIR Program. (OCT 2006)

The primary employment of the principal investigator (PI) shall be with the small business concern (SBC)/Contractor during the conduct of this contract. Primary employment means that more than one-half of the principal investigator's time is spent in the employ of the SBC/Contractor. This precludes full-time employment with another organization. Deviations from these requirements must be approved in advance and in writing by the Contracting Officer and are not subject to a change in the firm-fixed price of the contract. The PI for this contract is listed **in the proposal incorporated by reference and Attachment 1, Distribution Sheet.**

(End of clause)

1852.223-75 Major Breach of Safety or Security. (FEB 2002)

1852.235-71 Key Personnel and Facilities. (MAR 1989)

- (a) The personnel and/or facilities listed below (or specified in the contract Schedule) are considered essential to the work being performed under this contract. Before removing, replacing, or diverting any of the listed or specified personnel or facilities, the Contractor shall (1) notify the Contracting Officer reasonably in advance and (2) submit justification (including proposed substitutions) in sufficient detail to permit evaluation of the impact on this contract.
- (b) The Contractor shall make no diversion without the Contracting Officer's written consent; provided that the Contracting Officer may ratify in writing the proposed change, and that ratification shall constitute the Contracting Officer's consent required by this clause.
- (c) The list of personnel and/or facilities (shown below or as specified in the contract Schedule) may, with the consent of the contracting parties, be amended from time to time during the course of the contract to add or delete personnel and/or facilities.

See personnel and facilities listed in proposal incorporated by reference in this contract along with any revisions and Attachment 1: Distribution List.

(End of clause)

1852.235-73 Final Scientific and Technical Reports. (DEC 2006)

1852.235-74 Additional Reports of Work - Research and Development. (FEB 2003)

In addition to the final report required under this contract, the Contractor shall submit the following report(s) to the Contracting Officer:

(a) **Quarterly (Interim)** demonstration reports. The Contractor shall submit separate quarterly reports of all work accomplished during each three-month period of contract performance. In addition to factual data, these reports should include a separate analysis section interpreting the results obtained, recommending further action, and relating occurrences to the ultimate objectives of the contract. Sufficient diagrams, sketches, curves, photographs, and drawings should be included to convey the intended meaning.

(b) Submission dates. Quarterly (interim) report shall be submitted by the 15th day of the month following the quarter being reported. No quarterly report need be submitted for the final three months of contract effort since that period will be covered in the final report. The final report shall be submitted the **last day of the period of performance** after the completion of the effort under the contract.

(End of clause)

1852.219-85 Conditions for Final Payment - SBIR and STTR Contracts. (OCT 2006)

As a condition for final payment under this contract, the Contractor shall provide the following certifications as part of its final payment invoice request:

During performance of this contract -

1. Essentially equivalent work performed under this contract has not been proposed for funding to another Federal agency;
2. No other Federal funding award has been received for essentially equivalent work performed under this contract;
3. Deliverable items submitted under this contract have not been submitted as deliverable items under another Federal funding award;
4. For SBIR contracts: The subcontracting limitation set forth in this contract was not exceeded except as approved in writing by the Contracting Officer on (insert date of approval or modification number.);
5. For STTR contracts: The subcontracting limitation set forth in this contract was not exceeded;
6. For SBIR contracts: The primary employment of the principal investigator (PI) identified in this SBIR contract was with the Contractor, except as approved in writing by the Contracting Officer on (insert date of approval or modification number.); and
7. For STTR contracts: The primary employment of the principal investigator (PI) identified in this STTR contract was the SBC/Contractor or the research institution (RI). The PI identified in the STTR contract was considered key in the performance of this contract. The SBC/Contractor whether or not the employer of the PI, did exercise primary management direction and control over the PI and was overall responsible for the PI's performance under this contract. Any substitutions of this individual were approved in writing by the Contracting Officer on (insert date of approval or modification number.).

I understand that the willful provision of false information or concealing a material fact in this representation is a criminal offense under Title 18 USC, Section 1001, False Statements, as well as Title 18 USC, Section 287, False Claims.

(End of clause)

Contract Clauses

52.202-1 Definitions. (NOV 2013)

52.203-3 Gratuities. (APR 1984)

52.203-5 Covenant Against Contingent Fees. (APR 1984)

52.203-6 Restrictions on Subcontractor Sales to the Government. (SEP 2006)

52.203-7 Anti-Kickback Procedures. (OCT 2010)

52.203-8 Cancellation, Rescission, and Recovery of Funds for Illegal or Improper Activity. (JAN 1997)

52.203-10 Price or Fee Adjustment for Illegal or Improper Activity. (JAN 1997)

52.203-12 Limitation on Payments to Influence Certain Federal Transactions. (OCT 2010)

52.204-4 Printed or Copied Double-Sided on Postconsumer Fiber Content Paper. (MAY 2011)

52.204-7 System for Award Management. (JUL 2013)

52.204-13 System for Award Management Maintenance. (JUL 2013)

52.209-9 Updates of Publicly Available Information Regarding Responsibility Matters. (JUL 2013)

(a) The Contractor shall update the information in the Federal Awardee Performance and Integrity Information System (FAPIIS) on a semi-annual basis, throughout the life of the contract, by posting the required information in the Central Contractor Registration database via <https://www.acquisition.gov>.

(b) As required by section 3010 of the Supplemental Appropriations Act, 2010 (Pub. L. 111-212), all information posted in FAPIIS on or after April 15, 2011, except past performance reviews, will be publicly available. FAPIIS consists of two segments--

(1) The non-public segment, into which Government officials and the Contractor post information, which can only be viewed by--

(i) Government personnel and authorized users performing business on behalf of the Government; or

(ii) The Contractor, when viewing data on itself; and

(2) The publicly-available segment, to which all data in the non-public segment of FAPIIS is automatically transferred after a waiting period of 14 calendar days, except for--

(i) Past performance reviews required by subpart 42.15;

(ii) Information that was entered prior to April 15, 2011; or

(iii) Information that is withdrawn during the 14-calendar-day waiting period by the Government official who posted it in accordance with paragraph (c)(1) of this clause.

(c) The Contractor will receive notification when the Government posts new information to the Contractor's record.

(1) If the Contractor asserts in writing within 7 calendar days, to the Government official who posted the information, that some of the information posted to the non-public segment of FAPIIS is covered by a disclosure exemption under the Freedom of Information Act, the Government official who posted the information must within 7 calendar days remove the posting from FAPIIS and resolve the issue in accordance with agency Freedom of Information procedures, prior to reposting the releasable information. The contractor must cite 52.209-9 and request removal within 7 calendar days of the posting to FAPIIS.

(2) The Contractor will also have an opportunity to post comments regarding information that has been posted by the Government. The comments will be retained as long as the associated information is retained, i.e., for a total period of 6 years. Contractor comments will remain a part of the record unless the Contractor revises them.

(3) As required by section 3010 of Pub. L. 111-212, all information posted in FAPIIS on or after April 15, 2011, except past performance reviews, will be publicly available.

(d) Public requests for system information posted prior to April 15, 2011, will be handled under Freedom of Information Act procedures, including, where appropriate, procedures promulgated under E.O. 12600.

(End of clause)

52.213-4 Terms and Conditions - Simplified Acquisitions (Other Than Commercial Items) (JAN 2014)

(a) The Contractor shall comply with the following Federal Acquisition Regulation (FAR) clauses that are incorporated by reference:

(1) The clauses listed below implement provisions of law or Executive order:

(i) 52.222-3, Convict Labor (JUN 2003) (E.O. 11755).

(ii) 52.222-21, Prohibition of Segregated Facilities (FEB 1999) (E.O. 11246).

(iii) 52.222-26, Equal Opportunity (MAR 2007) (E.O. 11246).

(iv) 52.222-50, Combating Trafficking in Persons (FEB 2009) (22 U.S.C. 7104(g)).

(v) 52.225-13, Restrictions on Certain Foreign Purchases (JUN 2008) (E.o.s, proclamations, and statutes administered by the Office of Foreign Assets Control of the Department of the Treasury).

(vi) 52.233-3, Protest After Award (AUG 1996)(31 U.S.C. 3553).

(vii) 52.233-4, Applicable Law for Breach of Contract Claim (OCT 2004) (Pub. L. 108-77, 108-78).

(2) Listed below are additional clauses that apply:

(i) 52.204-10, Reporting Executive Compensation and First-Tier Subcontract

Awards (FEB 2012)(Pub. L. 109-282)(31 U.S.C. 6101 note).

(ii) 52.232-1, Payments (APR 1984).

(iii) 52.232-8, Discounts for Prompt Payment (FEB 2002).

(iv) 52.232-11, Extras (APR 1984).

(v) 52.232-25, Prompt Payment (OCT 2008).

(vi) 52.233-1, Disputes (JUL 2002).

(vii) 52.244-6, Subcontracts for Commercial Items (JAN 2011).

(viii) 52.253-1, Computer Generated Forms (JAN 1991).

(b) The Contractor shall comply with the following FAR clauses, incorporated by reference, unless the circumstances do not apply:

(1) The clauses listed below implement provisions of law or Executive order:

(i) 52.222-19, Child Labor-Cooperation with Authorities and Remedies (MAR 2012) (E.O. 13126). (Applies to contracts for supplies exceeding the micro-purchase threshold.)

(ii) 52.222-20, Walsh-Healey Public Contracts Act (OCT 2010) (41 U.S.C. 35-45) (Applies to supply contracts over \$15,000 in the United States, Puerto Rico, or the U.S. Virgin Islands).

(iii) 52.222-35, Equal Opportunity for Veterans (SEP 2010) (38 U.S.C. 4212) (Applies to contracts of \$100,000 or more).

(iv) 52.222-36, Affirmative Action for Workers with Disabilities (OCT 2010) (29 U.S.C. 793). (Applies to contracts over \$15,000, unless the work is to be performed outside the United States by employees recruited outside the United States.) (For purposes of this clause, United States includes the 50 States, the District of Columbia, Puerto Rico, the Northern Mariana Islands, American Samoa, Guam, the U.S. Virgin Islands, and Wake Island.)

(v) 52.222-37, Employment Reports on Veterans (SEP 2010) (38 U.S.C. 4212) (Applies to contracts of \$100,000 or more).

(vi) 52.222-41, Service Contract Act of 1965 (NOV 2007) (41 U.S.C. 351), *et seq.* (Applies to service contracts over \$2,500 that are subject to the Service Contract Act and will be performed in the United States, District of Columbia, Puerto Rico, the Northern Mariana Islands, American Samoa, Guam, the U.S. Virgin Islands, Johnston Island, Wake Island, or the outer continental shelf lands.)

(vii) 52.223-5, Pollution Prevention and Right-to-Know Information (May 2011) (E.O. 13423) (Applies to services performed on Federal facilities).

(viii) 52.223-15, Energy Efficiency in Energy-Consuming Products (DEC 2007) (42 U.S.C. 8259b) (Unless exempt pursuant to 23.204, applies to contracts when energy-consuming products listed in the ENERGY STAR Program or Federal Energy Management Program (FEMP) will be -

(A) Delivered;

(B) Acquired by the Contractor for use in performing services at a Federally-controlled facility;

(C) Furnished by the Contractor for use by the Government; or

(D) Specified in the design of a building or work, or incorporated during its construction, renovation, or maintenance.)

(ix) 52.225-1, Buy American Act - Supplies (FEB 2009) (41 U.S.C. 10a-10d) (Applies to contracts for supplies, and to contracts for services involving the furnishing of supplies, for use in the United States or its outlying areas, if the value of the supply contract or supply portion of a service contract exceeds the micro-purchase threshold and the acquisition -

(A) Is set aside for small business concerns; or

(B) Cannot be set aside for small business concerns (see 19.502-2), and does not exceed \$25,000).

(x) 52.232-33, Payment by Electronic Funds Transfer - Central Contractor Registration (OCT 2003). (Applies when the payment will be made by electronic funds transfer (EFT) and the payment office uses the Central Contractor Registration (CCR) database as its source of EFT information.)

(xi) 52.232-34, Payment by Electronic Funds Transfer - Other than Central Contractor Registration (MAY 1999). (Applies when the payment will be made by EFT and the payment office does not use the CCR database as its source of EFT information.)

(xii) 52.247-64, Preference for Privately Owned U.S.-Flag Commercial Vessels (FEB 2006) (46 U.S.C. Appx 1241). (Applies to supplies transported by ocean vessels (except for the types of subcontracts listed at 47.504(d).)

(2) Listed below are additional clauses that may apply:

(i) 52.209-6, Protecting the Government's Interest When Subcontracting with Contractors Debarred, Suspended, or Proposed for Debarment (Dec 2010) (Applies to contracts over \$30,000).

(ii) 52.211-17, Delivery of Excess Quantities (SEP 1989) (Applies to fixed-price supplies).

(iii) 52.226-6, Promoting Excess Food Donation to Nonprofit Organizations. (MAR 2009) (Pub. L. 110-247) (Applies to contracts greater than \$25,000 that provide for the provision, the service, or the sale of food in the United States.)

(iv) 52.247-29, F.o.b. Origin (FEB 2006) (Applies to supplies if delivery is f.o.b. origin).

(v) 52.247-34, F.o.b. Destination (NOV 1991) (Applies to supplies if delivery is f.o.b. destination).

(c) *FAR 52.252-2, Clauses Incorporated by Reference (FEB 1998)*. This contract incorporates one or more clauses by reference, with the same force and effect as if they were given in full text. Upon request, the Contracting Officer will make their full text available. Also, the full text of a clause may be accessed electronically at this/these address(es): For Federal Acquisition Regulation (FAR) clauses, see <https://www.acquisition.gov/far/index.html> . For NASA FAR Supplement (NFS) clauses, see <http://www.hq.nasa.gov/office/procurement/regs/nfstoc.htm>

(d) *Inspection/Acceptance*. The Contractor shall tender for acceptance only those items that conform to the requirements of this contract. The Government reserves the right to inspect or test any supplies or services that have been tendered for acceptance. The Government may require repair or replacement of nonconforming supplies or reperformance of nonconforming services at no increase in contract price. The Government must exercise its postacceptance rights -

(1) Within a reasonable period of time after the defect was discovered or should have been discovered; and

(2) Before any substantial change occurs in the condition of the item, unless the change is due to the defect in the item.

(e) *Excusable delays*. The Contractor shall be liable for default unless nonperformance is caused by an occurrence beyond the reasonable control of the Contractor and without its fault or negligence, such as acts of God or the public enemy, acts of the Government in either its sovereign or contractual capacity, fires, floods, epidemics, quarantine restrictions, strikes, unusually severe weather, and delays of common carriers. The Contractor shall notify the Contracting Officer in writing as soon as it is reasonably possible after the commencement of any excusable delay, setting forth the full particulars in connection therewith, shall remedy such occurrence with all reasonable dispatch, and shall promptly give written notice to the Contracting Officer of the cessation of such occurrence.

(f) *Termination for the Government's convenience*. The Government reserves the right to terminate this contract, or any part hereof, for its sole convenience. In the event of such termination, the Contractor shall immediately stop all work hereunder and shall immediately cause any and all of its suppliers and subcontractors to cease work. Subject to the terms of this contract, the Contractor shall be paid a percentage of the contract price reflecting the percentage of the work performed prior to the notice of termination, plus reasonable charges that the Contractor can demonstrate to the satisfaction of the Government, using its standard record keeping system, have resulted from the termination. The Contractor shall not be required to comply with the cost accounting standards or contract cost principles for this purpose. This paragraph does not give the Government any right to audit the Contractor's records. The Contractor shall not be paid for any work performed or costs incurred that reasonably could have been avoided.

(g) *Termination for cause*. The Government may terminate this contract, or any part hereof, for cause in the event of any default by the Contractor, or if the Contractor fails to comply with any contract terms and conditions, or fails to provide the Government, upon request, with adequate assurances of future performance. In the event of termination for cause, the Government shall not be liable to the Contractor for any amount for supplies or services not accepted, and the Contractor shall be liable to the Government for any and all rights and remedies provided by law. If it is determined that the Government improperly terminated this contract for default, such termination shall be deemed a termination for convenience.

(h) *Warranty*. The Contractor warrants and implies that the items delivered hereunder are merchantable and fit for use for the particular purpose described in this contract.

(End of clause)

52.219-6 Notice of Total Small Business Set-Aside. (NOV 2011)

52.219-8 Utilization of small business concerns. (JUL 2013)

52.219-14 Limitations on Subcontracting. (NOV 2011)

52.219-28 Post-Award Small Business Program Rerepresentation. (JUL 2013)

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

"Long-term contract" means a contract of more than five years in duration, including options. However, the term does not include contracts that exceed five years in duration because the period of performance has been extended for a cumulative period not to exceed six months under the clause at 52.217-8, Option to Extend Services, or other appropriate authority.

"Small business concern" means a concern, including its affiliates, that is independently owned and operated, not dominant in the field of operation in which it is bidding on Government contracts, and qualified as a small business under the criteria in 13 CFR part 121 and the size standard in paragraph (c) of this clause. Such a concern is "not dominant in its field of operation" when it does not exercise a controlling or major influence on a national basis in a kind of business activity in which a number of business concerns are primarily engaged. In determining whether dominance exists, consideration shall be given to all appropriate factors, including volume of business, number of employees, financial resources, competitive status or position, ownership or control of materials, processes, patents, license agreements, facilities, sales territory, and nature of business activity.

(b) If the Contractor represented that it was a small business concern prior to award of this contract, the Contractor shall rerepresent its size status according to paragraph (e) of this clause or, if applicable, paragraph (g) of this clause, upon the occurrence of any of the following:

(1) Within 30 days after execution of a novation agreement or within 30 days after modification of the contract to include this clause, if the novation agreement was executed prior to inclusion of this clause in the contract.

(2) Within 30 days after a merger or acquisition that does not require a novation or within 30 days after modification of the contract to include this clause, if the merger or acquisition occurred prior to inclusion of this clause in the contract.

(3) For long-term contracts -

(i) Within 60 to 120 days prior to the end of the fifth year of the contract; and

(ii) Within 60 to 120 days prior to the date specified in the contract for exercising any option thereafter.

(c) The Contractor shall rerepresent its size status in accordance with the size standard in effect at the time of this rerepresentation that corresponds to the North American Industry Classification System (NAICS) code assigned to this contract. The small business size standard corresponding to this NAICS code can be found at <http://www.sba.gov/content/table-small-business-size-standards>.

(d) The small business size standard for a Contractor providing a product which it does not manufacture itself, for a contract other than a construction or service contract, is 500 employees.

(e) Except as provided in paragraph (g) of this clause, the Contractor shall make the rerepresentation required by paragraph (b) of this clause by validating or updating all its representations in the Online Representations and Certifications Application and its data in the Central Contractor Registration, as necessary, to ensure that they reflect the Contractor's current

status. The Contractor shall notify the contracting office in writing within the timeframes specified in paragraph (b) of this clause that the data have been validated or updated, and provide the date of the validation or update.

(f) If the Contractor represented that it was other than a small business concern prior to award of this contract, the Contractor may, but is not required to, take the actions required by paragraphs (e) or (g) of this clause.

(g) If the Contractor does not have representations and certifications in ORCA, or does not have a representation in ORCA for the NAICS code applicable to this contract, the Contractor is required to complete the following rerepresentation and submit it to the contracting office, along with the contract number and the date on which the rerepresentation was completed:

The Contractor represents that it X is, is not a small business concern under NAICS Code **541712** assigned to contract number **[insert contract number]**. **The authorized signature and date on contract cover page certify that the Contractor is a small business concern under 541712.**

(End of clause)

52.222-54 Employment Eligibility Verification. (AUG 2013)

52.223-6 Drug-Free Workplace. (MAY 2001)

52.223-18 Encouraging Contractor Policies to Ban Text Messaging While Driving. (AUG 2011)

52.224-2 Privacy Act. (APR 1984)

52.227-1 Authorization and Consent. (DEC 2007)

52.227-1 Authorization and Consent. (DEC 2007) -- Alternate I (APR 1984)

52.227-2 Notice and Assistance Regarding Patent and Copyright Infringement. (DEC 2007)

52.227-11 Patent Rights-Ownership by the Contractor. (DEC 2007)

(a) As used in this clause--

"Invention" means any invention or discovery that is or may be patentable or otherwise protectable under title 35 of the U.S. Code, or any variety of plant that is or may be protectable under the Plant Variety Protection Act (7 U.S.C. 2321, et seq.)

"Made" means--

(1) When used in relation to any invention other than a plant variety, the conception or first actual reduction to practice of the invention; or

(2) When used in relation to a plant variety, that the Contractor has at least tentatively determined that the variety has been reproduced with recognized characteristics.

"Nonprofit organization" means a university or other institution of higher education or an organization of the type described in section 501(c)(3) of the Internal Revenue Code of 1954 (26 U.S.C. 501(c)) and exempt from taxation under section 501(a) of the Internal Revenue Code (26 U.S.C. 501(a)), or any nonprofit scientific or educational organization qualified under a State nonprofit organization statute.

"Practical application" means to manufacture, in the case of a composition of product; to practice, in the case of a process or method; or to operate, in the case of a machine or system; and, in each case, under such conditions as to establish that the invention is being utilized and that its benefits are, to the extent permitted by law or Government regulations, available to the public on reasonable terms.

"Subject invention" means any invention of the Contractor made in the performance of work under this contract.

(b) Contractor's rights. (1) Ownership. The Contractor may retain ownership of each subject invention throughout the world in accordance with the provisions of this clause.

(2) License. (i) The Contractor shall retain a nonexclusive royalty-free license throughout the world in each subject invention to which the Government obtains title, unless the Contractor fails to disclose the invention within the times specified in paragraph (c) of this clause. The Contractor's license extends to any domestic subsidiaries and affiliates within the corporate structure of which the Contractor is a part, and includes the right to grant sublicenses to the extent the Contractor was legally obligated to do so at contract award. The license is transferable only with the written approval of the agency, except when transferred to the successor of that part of the Contractor's business to which the invention pertains.

(ii) The Contractor's license may be revoked or modified by the agency to the extent necessary to achieve expeditious practical application of the subject invention in a particular country in accordance with the procedures in FAR 27.302(i)(2) and 27.304-1(f).

(c) Contractor's obligations. (1) The Contractor shall disclose in writing each subject invention to the Contracting Officer within 2 months after the inventor discloses it in writing to Contractor personnel responsible for patent matters. The disclosure shall identify the inventor(s) and this contract under which the subject invention was made. It shall be sufficiently complete in technical detail to convey a clear understanding of the subject invention. The disclosure shall also identify any publication, on sale (i.e., sale or offer for sale), or public use of the subject invention, or whether a manuscript describing the subject invention has been submitted for publication and, if so, whether it has been accepted for publication. In addition, after disclosure to the agency, the Contractor shall promptly notify the Contracting Officer of the acceptance of any manuscript describing the subject invention for publication and any on sale or public use.

(2) The Contractor shall elect in writing whether or not to retain ownership of any subject invention by notifying the Contracting Officer within 2 years of disclosure to the agency. However, in any case where publication, on sale, or public use has initiated the 1-year statutory period during which valid patent protection can be obtained in the United States, the period for election of title may be shortened by the agency to a date that is no more than 60 days prior to the end of the statutory period.

(3) The Contractor shall file either a provisional or a nonprovisional patent application or a Plant Variety Protection Application on an elected subject invention within 1 year after election. However, in any case where a publication, on sale, or public use has initiated the 1-year statutory period during which valid patent protection can be obtained in the United States, the Contractor shall file the application prior to the end of that statutory period. If the Contractor files a provisional application, it shall file a nonprovisional application within 10 months of the filing of the provisional application. The Contractor shall file patent applications in additional countries or international patent offices within either 10 months of the first filed patent application (whether provisional or nonprovisional) or 6 months from the date permission is granted by the Commissioner of Patents to file foreign patent applications where such filing has been prohibited by a

Secrecy Order.

(4) The Contractor may request extensions of time for disclosure, election, or filing under paragraphs (c)(1), (c)(2), and (c)(3) of this clause.

(d) Government's rights--(1) Ownership. The Contractor shall assign to the agency, on written request, title to any subject invention--

(i) If the Contractor fails to disclose or elect ownership to the subject invention within the times specified in paragraph (c) of this clause, or elects not to retain ownership; provided, that the agency may request title only within 60 days after learning of the Contractor's failure to disclose or elect within the specified times.

(ii) In those countries in which the Contractor fails to file patent applications within the times specified in paragraph (c) of this clause; provided, however, that if the Contractor has filed a patent application in a country after the times specified in paragraph (c) of this clause, but prior to its receipt of the written request of the agency, the Contractor shall continue to retain ownership in that country.

(iii) In any country in which the Contractor decides not to continue the prosecution of any application for, to pay the maintenance fees on, or defend in reexamination or opposition proceeding on, a patent on a subject invention.

(2) License. If the Contractor retains ownership of any subject invention, the Government shall have a nonexclusive, nontransferable, irrevocable, paid-up license to practice, or have practiced for or on its behalf, the subject invention throughout the world.

(e) Contractor action to protect the Government's interest. (1) The Contractor shall execute or have executed and promptly deliver to the agency all instruments necessary to--

(i) Establish or confirm the rights the Government has throughout the world in those subject inventions in which the Contractor elects to retain ownership; and

(ii) Assign title to the agency when requested under paragraph (d) of this clause and to enable the Government to obtain patent protection and plant variety protection for that subject invention in any country.

(2) The Contractor shall require, by written agreement, its employees, other than clerical and nontechnical employees, to disclose promptly in writing to personnel identified as responsible for the administration of patent matters and in the Contractor's format, each subject invention in order that the Contractor can comply with the disclosure provisions of paragraph (c) of this clause, and to execute all papers necessary to file patent applications on subject inventions and to establish the Government's rights in the subject inventions. The disclosure format should require, as a minimum, the information required by paragraph (c)(1) of this clause. The Contractor shall instruct such employees, through employee agreements or other suitable educational programs, as to the importance of reporting inventions in sufficient time to permit the filing of patent applications prior to U.S. or foreign statutory bars.

(3) The Contractor shall notify the Contracting Officer of any decisions not to file a nonprovisional patent application, continue the prosecution of a patent application, pay maintenance fees, or defend in a reexamination or opposition proceeding on a patent, in any country, not less than 30 days before the expiration of the response or filing period required by the relevant patent office.

(4) The Contractor shall include, within the specification of any United States

nonprovisional patent or plant variety protection application and any patent or plant variety protection certificate issuing thereon covering a subject invention, the following statement, "This invention was made with Government support under (identify the contract) awarded by (identify the agency). The Government has certain rights in the invention."

(f) Reporting on utilization of subject inventions. The Contractor shall submit, on request, periodic reports no more frequently than annually on the utilization of a subject invention or on efforts at obtaining utilization of the subject invention that are being made by the Contractor or its licensees or assignees. The reports shall include information regarding the status of development, date of first commercial sale or use, gross royalties received by the Contractor, and other data and information as the agency may reasonably specify. The Contractor also shall provide additional reports as may be requested by the agency in connection with any march-in proceeding undertaken by the agency in accordance with paragraph (h) of this clause. The Contractor also shall mark any utilization report as confidential/proprietary to help prevent inadvertent release outside the Government. As required by 35 U.S.C. 202(c)(5), the agency will not disclose that information to persons outside the Government without the Contractor's permission.

(g) Preference for United States industry. Notwithstanding any other provision of this clause, neither the Contractor nor any assignee shall grant to any person the exclusive right to use or sell any subject invention in the United States unless the person agrees that any products embodying the subject invention or produced through the use of the subject invention will be manufactured substantially in the United States. However, in individual cases, the requirement for an agreement may be waived by the agency upon a showing by the Contractor or its assignee that reasonable but unsuccessful efforts have been made to grant licenses on similar terms to potential licensees that would be likely to manufacture substantially in the United States, or that under the circumstances domestic manufacture is not commercially feasible.

(h) March-in rights. The Contractor acknowledges that, with respect to any subject invention in which it has retained ownership, the agency has the right to require licensing pursuant to 35 U.S.C. 203 and 210(c), and in accordance with the procedures in 37 CFR 401.6 and any supplemental regulations of the agency in effect on the date of contract award.

(i) Special provisions for contracts with nonprofit organizations. If the Contractor is a nonprofit organization, it shall--

(1) Not assign rights to a subject invention in the United States without the written approval of the agency, except where an assignment is made to an organization that has as one of its primary functions the management of inventions, provided, that the assignee shall be subject to the same provisions as the Contractor;

(2) Share royalties collected on a subject invention with the inventor, including Federal employee co-inventors (but through their agency if the agency deems it appropriate) when the subject invention is assigned in accordance with 35 U.S.C. 202(e) and 37 CFR 401.10;

(3) Use the balance of any royalties or income earned by the Contractor with respect to subject inventions, after payment of expenses (including payments to inventors) incidental to the administration of subject inventions for the support of scientific research or education; and

(4) Make efforts that are reasonable under the circumstances to attract licensees of subject inventions that are small business concerns, and give a preference to a small business concern when licensing a subject invention if the Contractor determines that the small business concern has a plan or proposal for marketing the invention which, if executed, is equally as likely to bring the invention to practical application as any plans

or proposals from applicants that are not small business concerns; provided, that the Contractor is also satisfied that the small business concern has the capability and resources to carry out its plan or proposal. The decision whether to give a preference in any specific case will be at the discretion of the Contractor.

(5) Allow the Secretary of Commerce to review the Contractor's licensing program and decisions regarding small business applicants, and negotiate changes to its licensing policies, procedures, or practices with the Secretary of Commerce when the Secretary's review discloses that the Contractor could take reasonable steps to more effectively implement the requirements of paragraph (i)(4) of this clause.

(j) Communications. Communications and information submissions required by this clause will be made to the individuals identified in the clause at 1852.227-72, Designation of New Technology Representative and Patent Representative.

(k) Subcontracts. (1) The Contractor shall include the substance of this clause, including this paragraph (k), in all subcontracts for experimental, developmental, or research work to be performed by a small business concern or nonprofit organization.

(2) The Contractor shall include in all other subcontracts for experimental, developmental, or research work the substance of the patent rights clause required by FAR Subpart 27.3.

(3) At all tiers, the patent rights clause must be modified to identify the parties as follows: references to the Government are not changed, and the subcontractor has all rights and obligations of the Contractor in the clause. The Contractor shall not, as part of the consideration for awarding the subcontract, obtain rights in the subcontractor's subject inventions.

(4) In subcontracts, at any tier, the agency, the subcontractor, and the Contractor agree that the mutual obligations of the parties created by this clause constitute a contract between the subcontractor and the agency with respect to the matters covered by the clause; provided, however, that nothing in this paragraph is intended to confer any jurisdiction under the Contract Disputes Act in connection with proceedings under paragraph (h) of this clause.

(End of clause)

52.227-20 Rights in Data--SBIR Program. (DEC 2007)

52.229-3 Federal, State, and Local Taxes. (FEB 2013)

52.232-2 Payments under Fixed-Price Research and Development Contracts. (APR 1984)

52.232-9 Limitation on Withholding of Payments. (APR 1984)

52.232-12 ALT IV and ALT V ADVANCE PAYMENTS WITHOUT SPECIAL ACCOUNT (MAY 2001)

52.232-17 Interest. (OCT 2010)

52.232-23 Assignment of Claims. (JAN 1986)

**52.232-99 Providing Accelerated Payment to Small Business Subcontractors (AUG 2012)
(DEVIATION)**

This clause implements the temporary policy provided by OMB Policy Memorandum M-12-16, Providing Prompt Payment to Small Business Subcontractors, dated July 11, 2012.

(a) Upon receipt of accelerated payments from the Government, the contractor is required to make accelerated payments to small business subcontractors to the maximum extent practicable after receipt of a proper invoice and all proper documentation from the small business subcontractor.

(b) Include the substance of this clause, including this paragraph (b), in all subcontracts with small business concerns.

(c) The acceleration of payments under this clause does not provide any new rights under the Prompt Payment Act.

(End of Clause)

52.242-13 Bankruptcy. (JUL 1995)

52.242-15 Stop-Work Order. (AUG 1989)

52.243-1 Changes - Fixed-Price. (AUG 1987)

52.243-1 Changes - Fixed-Price. (AUG 1987) - Alternate V (APR 1984)

52.244-2 Subcontracts. (OCT 2010)

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

"Approved purchasing system" means a Contractor's purchasing system that has been reviewed and approved in accordance with Part 44 of the Federal Acquisition Regulation (FAR).

"Consent to subcontract" means the Contracting Officer's written consent for the Contractor to enter into a particular subcontract.

"Subcontract" means any contract, as defined in FAR Subpart 2.1, entered into by a subcontractor to furnish supplies or services for performance of the prime contract or a subcontract. It includes, but is not limited to, purchase orders, and changes and modifications to purchase orders.

(b) When this clause is included in a fixed-price type contract, consent to subcontract is required only on unpriced contract actions (including unpriced modifications or unpriced delivery orders), and only if required in accordance with paragraph (c) or (d) of this clause.

(c) If the Contractor does not have an approved purchasing system, consent to subcontract is required for any subcontract that-

(1) Is of the cost-reimbursement, time-and-materials, or labor-hour type; or

(2) Is fixed-price and exceeds-

(i) For a contract awarded by the Department of Defense, the Coast Guard, or the National Aeronautics and Space Administration, the greater of the simplified acquisition threshold or 5 percent of the total estimated cost of the contract; or

(ii) For a contract awarded by a civilian agency other than the Coast Guard and the National Aeronautics and Space Administration, either the simplified acquisition threshold or 5 percent of the total estimated cost of the contract.

(d) If the Contractor has an approved purchasing system, the Contractor nevertheless shall obtain the Contracting Officer's written consent before placing the following subcontracts: []

(e)(1) The Contractor shall notify the Contracting Officer reasonably in advance of placing any subcontract or modification thereof for which consent is required under paragraph (b), (c) or (d) of this clause, including the following information:

- (i) A description of the supplies or services to be subcontracted.
- (ii) Identification of the type of subcontract to be used.
- (iii) Identification of the proposed subcontractor.
- (iv) The proposed subcontract price.
- (v) The subcontractor's current, complete, and accurate certified cost or pricing data and Certificate of Current Cost or Pricing Data, if required by other contract provisions.
- (vi) The subcontractor's Disclosure Statement or Certificate relating to Cost Accounting Standards when such data are required by other provisions of this contract.
- (vii) A negotiation memorandum reflecting-
 - (A) The principal elements of the subcontract price negotiations;
 - (B) The most significant considerations controlling establishment of initial or revised prices;
 - (C) The reason certified cost or pricing data were or were not required;
 - (D) The extent, if any, to which the Contractor did not rely on the subcontractor's certified cost or pricing data in determining the price objective and in negotiating the final price;
 - (E) The extent to which it was recognized in the negotiation that the subcontractor's certified cost or pricing data were not accurate, complete, or current; the action taken by the Contractor and the subcontractor; and the effect of any such defective data on the total price negotiated;
 - (F) The reasons for any significant difference between the Contractor's price objective and the price negotiated; and
 - (G) A complete explanation of the incentive fee or profit plan when incentives are used. The explanation shall identify each critical performance element, management decisions used to quantify each incentive element, reasons for the incentives, and a summary of all trade-off possibilities considered.

(2) The Contractor is not required to notify the Contracting Officer in advance of entering into any subcontract for which consent is not required under paragraph (b), (c) or (d) of this clause.

(f) Unless the consent or approval specifically provides otherwise, neither consent by the

Contracting Officer to any subcontract nor approval of the Contractor's purchasing system shall constitute a determination-

- (1) Of the acceptability of any subcontract terms or conditions;
- (2) Of the allowability of any cost under this contract; or
- (3) To relieve the Contractor of any responsibility for performing this contract.

(g) No subcontract or modification thereof placed under this contract shall provide for payment on a cost-plus-a-percentage-of-cost basis, and any fee payable under cost-reimbursement type subcontracts shall not exceed the fee limitations in FAR 15.404-4(c)(4)(i).

(h) The Contractor shall give the Contracting Officer immediate written notice of any action or suit filed and prompt notice of any claim made against the Contractor by any subcontractor or vendor that, in the opinion of the Contractor, may result in litigation related in any way to this contract, with respect to which the Contractor may be entitled to reimbursement from the Government.

(i) The Government reserves the right to review the Contractor's purchasing system as set forth in FAR Subpart 44.3.

(j) Paragraphs (c) and (e) of this clause do not apply to the following subcontracts, which were evaluated during negotiations: **in the proposal incorporated by reference**

(End of clause)

52.245-1 Government Property. (APR 2012)

52.245-9 Use and Charges (APR 2012)

52.246-23 Limitation of Liability. (FEB 1997)

52.249-1 Termination for Convenience of the Government (Fixed-Price) (Short Form). (APR 1984)

52.249-9 Default (Fixed-Price Research and Development). (APR 1984)

52.252-6 Authorized Deviations in Clauses. (APR 1984)

(a) The use in this solicitation or contract of any Federal Acquisition Regulation (48 CFR Chapter 1) clause with an authorized deviation is indicated by the addition of "(DEVIATION)" after the date of the clause.

(b) The use in this solicitation or contract of any NASA Federal Acquisition Regulation Supplement (48 CFR 18) clause with an authorized deviation is indicated by the addition of "(DEVIATION)" after the name of the regulation.

(End of clause)

1852.204-76 Security requirements for unclassified information technology resources. (JAN 2011)

(a) The contractor shall protect the confidentiality, integrity, and availability of NASA Electronic Information and IT resources and protect NASA Electronic Information from unauthorized disclosure.

(b) This clause is applicable to all NASA contractors and sub-contractors that process, manage, access, or store unclassified electronic information, to include Sensitive But Unclassified (SBU) information, for

NASA in support of NASA's missions, programs, projects and/or institutional requirements. Applicable requirements, regulations, policies, and guidelines are identified in the Applicable Documents List (ADL) provided as an attachment to the contract. The documents listed in the ADL can be found at: <http://www.nasa.gov/offices/ocio/itsecurity/index.html>. For policy information considered sensitive, the documents will be identified as such in the ADL and made available through the Contracting Officer.

(c) Definitions.

(1) IT resources means any hardware or software or interconnected system or subsystem of equipment, that is used to process, manage, access, or store electronic information.

(2) NASA Electronic Information is any data (as defined in the Rights in Data clause of this contract) or information (including information incidental to contract administration, such as financial, administrative, cost or pricing, or management information) that is processed, managed, accessed or stored on an IT system(s) in the performance of a NASA contract.

(3) IT Security Management Plan--This plan shall describe the processes and procedures that will be followed to ensure appropriate security of IT resources that are developed, processed, or used under this contract. Unlike the IT security plan, which addresses the IT system, the IT Security Management Plan addresses how the contractor will manage personnel and processes associated with IT Security on the instant contract.

(4) IT Security Plan--this is a FISMA requirement; see the ADL for applicable requirements. The IT Security Plan is specific to the IT System and not the contract. Within 30 days after award, the contractor shall develop and deliver an IT Security Management Plan to the Contracting Officer; the approval authority will be included in the ADL. All contractor personnel requiring physical or logical access to NASA IT resources must complete NASA's annual IT Security Awareness training. Refer to the IT Training policy located in the IT Security Web site at <https://itsecurity.nasa.gov/policies/index.html>.

(d) The contractor shall afford Government access to the Contractor's and subcontractors' facilities, installations, operations, documentation, databases, and personnel used in performance of the contract. Access shall be provided to the extent required to carry out a program of IT inspection (to include vulnerability testing), investigation and audit to safeguard against threats and hazards to the integrity, availability, and confidentiality of NASA Electronic Information or to the function of IT systems operated on behalf of NASA, and to preserve evidence of computer crime.

(e) At the completion of the contract, the contractor shall return all NASA information and IT resources provided to the contractor during the performance of the contract in accordance with retention documentation available in the ADL. The contractor shall provide a listing of all NASA Electronic information and IT resources generated in performance of the contract. At that time, the contractor shall request disposition instructions from the Contracting Officer. The Contracting Officer will provide disposition instructions within 30 calendar days of the contractor's request. Parts of the clause and referenced ADL may be waived by the contracting officer, if the contractor's ongoing IT security program meets or exceeds the requirements of NASA Procedural Requirements (NPR) 2810.1 in effect at time of award. The current version of NPR 2810.1 is referenced in the ADL. The contractor shall submit a written waiver request to the Contracting Officer within 30 days of award. The waiver request will be reviewed by the Center IT Security Manager. If approved, the Contractor Officer will notify the contractor, by contract modification, which parts of the clause or provisions of the ADL are waived.

(f) The contractor shall insert this clause, including this paragraph in all subcontracts that process, manage, access or store NASA Electronic Information in support of the mission of the Agency.

(End of clause)

1852.215-84 Ombudsman. (NOV 2011)

(a) An ombudsman has been appointed to hear and facilitate the resolution of concerns from offerors, potential offerors, and contractors during the preaward and postaward phases of this acquisition. When requested, the ombudsman will maintain strict confidentiality as to the source of the concern. The existence of the ombudsman is not to diminish the authority of the contracting officer, the Source Evaluation Board, or the selection official. Further, the ombudsman does not participate in the evaluation of proposals, the source selection process, or the adjudication of formal contract disputes. Therefore, before consulting with an ombudsman, interested parties must first address their concerns, issues, disagreements, and/or recommendations to the contracting officer for resolution.

(b) If resolution cannot be made by the contracting officer, interested parties may contact the installation ombudsman, whose name, address, telephone number, facsimile number, and email address may be found at: http://prod.nais.nasa.gov/pub/pub_library/Omb.html. Concerns, issues, disagreements, and recommendations which cannot be resolved at the installation may be referred to the Agency ombudsman identified at the above URL. Please do not contact the ombudsman to request copies of the solicitation, verify offer due date, or clarify technical requirements. Such inquiries shall be directed to the Contracting Officer or as specified elsewhere in this document.

(End of clause)

1852.225-71 RESTRICTION ON FUNDING ACTIVITY WITH CHINA (FEB 2012)

(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. Contracts 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 contract may use restricted funding that was appropriated on or after April 25, 2011. The contractor shall not contract with China or Chinese-owned companies for any effort related to this contract except for acquisition of commercial and non-developmental items. If the contractor anticipates making an award to China or Chinese-owned companies, the contractor must contact the contracting officer to determine if funding on this contract can be used for that purpose.

(d) Subcontracts - The contractor shall include the substance of this clause in all subcontracts made hereunder.

(End of clause)

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

1852.235-70 Center for AeroSpace Information. (DEC 2006)

1852.237-73 Release of Sensitive Information. (JUN 2005)

(a) As used in this clause, "Sensitive information" refers to information, not currently in the public domain, that the Contractor has developed at private expense, that may embody trade secrets or commercial or financial information, and that may be sensitive or privileged.

(b) In accomplishing management activities and administrative functions, NASA relies heavily on the support of various service providers. To support NASA activities and functions, these service

providers, as well as their subcontractors and their individual employees, may need access to sensitive information submitted by the Contractor under this contract. By submitting this proposal or performing this contract, the Contractor agrees that NASA may release to its service providers, their subcontractors, and their individual employees, sensitive information submitted during the course of this procurement, subject to the enumerated protections mandated by the clause at 1852.237-72, Access to Sensitive Information.

(c) (1) The Contractor shall identify any sensitive information submitted in support of this proposal or in performing this contract. For purposes of identifying sensitive information, the Contractor may, in addition to any other notice or legend otherwise required, use a notice similar to the following:

Mark the title page with the following legend:

This proposal or document includes sensitive information that NASA shall not disclose outside the Agency and its service providers that support management activities and administrative functions. To gain access to this sensitive information, a service provider's contract must contain the clause at NFS 1852.237-72, Access to Sensitive Information. Consistent with this clause, the service provider shall not duplicate, use, or disclose the information in whole or in part for any purpose other than to perform the services specified in its contract. This restriction does not limit the Government's right to use this information if it is obtained from another source without restriction. The information subject to this restriction is contained in pages [*insert page numbers or other identification of pages*]. Mark each page of sensitive information the Contractor wishes to restrict with the following legend:

Use or disclosure of sensitive information contained on this page is subject to the restriction on the title page of this proposal or document.

(2) The Contracting Officer shall evaluate the facts supporting any claim that particular information is "sensitive." This evaluation shall consider the time and resources necessary to protect the information in accordance with the detailed safeguards mandated by the clause at 1852.237-72, Access to Sensitive Information. However, unless the Contracting Officer decides, with the advice of Center counsel, that reasonable grounds exist to challenge the Contractor's claim that particular information is sensitive, NASA and its service providers and their employees shall comply with all of the safeguards contained in paragraph (d) of this clause.

(d) To receive access to sensitive information needed to assist NASA in accomplishing management activities and administrative functions, the service provider must be operating under a contract that contains the clause at 1852.237-72, Access to Sensitive Information. This clause obligates the service provider to do the following:

- (1) Comply with all specified procedures and obligations, including the Organizational Conflicts of Interest Avoidance Plan, which the contract has incorporated as a compliance document.
- (2) Utilize any sensitive information coming into its possession only for the purpose of performing the services specified in its contract.
- (3) Safeguard sensitive information coming into its possession from unauthorized use and disclosure.
- (4) Allow access to sensitive information only to those employees that need it to perform services under its contract.
- (5) Preclude access and disclosure of sensitive information to persons and entities outside

of the service provider's organization.

(6) Train employees who may require access to sensitive information about their obligations to utilize it only to perform the services specified in its contract and to safeguard it from unauthorized use and disclosure.

(7) Obtain a written affirmation from each employee that he/she has received and will comply with training on the authorized uses and mandatory protections of sensitive information needed in performing this contract.

(8) Administer a monitoring process to ensure that employees comply with all reasonable security procedures, report any breaches to the Contracting Officer, and implement any necessary corrective actions.

(e) When the service provider will have primary responsibility for operating an information technology system for NASA that contains sensitive information, the service provider's contract shall include the clause at 1852.204-76, Security Requirements for Unclassified Information Technology Resources. The Security Requirements clause requires the service provider to implement an Information Technology Security Plan to protect information processed, stored, or transmitted from unauthorized access, alteration, disclosure, or use. Service provider personnel requiring privileged access or limited privileged access to these information technology systems are subject to screening using the standard National Agency Check (NAC) forms appropriate to the level of risk for adverse impact to NASA missions. The Contracting Officer may allow the service provider to conduct its own screening, provided the service provider employs substantially equivalent screening procedures.

(f) This clause does not affect NASA's responsibilities under the Freedom of Information Act.

(g) The Contractor shall insert this clause, including this paragraph (g), suitably modified to reflect the relationship of the parties, in all subcontracts that may require the furnishing of sensitive information.

(End of clause)

1852.232-70 NASA MODIFICATION OF FAR 52.232-12 (MAR 1998) (DEVIATION)

(a) Basic Clause. (1) In paragraph (e), Maximum Payment, in the sentence that begins "When the sum of," change the word "When" to lower case and insert before it: "Unliquidated advance payments shall not exceed \$..... at any time outstanding. In addition . . . "

(2) In paragraph (m)(1), delete "in the form prescribed by the administering office" and substitute "and Standard Form 425, Federal Financial Report."

(b) Alternate II (if incorporated in the contract). In paragraph (e), Maximum Payment, in the sentence that begins "When the sum of," change the word "When" to lower case and insert before it: "Unliquidated advance payments shall not exceed \$..... at any time outstanding. In addition . . . "

(c) Alternate V (if incorporated in the contract). (1) Substitute the following for paragraph (b): "(b) Use of funds. The Contractor may use advance payment funds only to pay for properly allocable, allowable, and reasonable costs for direct materials, direct labor, indirect costs, or such other costs approved in writing by the administering contracting office. Payments are subject to any restrictions in other clauses of this contract. Determinations of whether costs are properly allocable, allowable, and reasonable shall be in accordance with generally accepted accounting principles, subject to any applicable subparts of Part 31 of the Federal Acquisition Regulation, other applicable regulations referenced in Part 31, or Subpart 1831.2."

(2) In paragraph (d), Maximum Payment, in the sentence that begins "When the sum of," change the word "When" to lower case and insert before it: "Unliquidated advance payments shall not exceed \$..... at any time outstanding. In addition . . . "

(3) In paragraph (j)(1), insert between "statements," and "and" "together with Standard Form

425, Federal Financial Report"

(4) If this is a Phase I contract awarded under the SBIR or STTR programs, delete paragraph (a) and substitute the following: "(a) Requirements for payment. Advance payments will be made under this contract upon receipt of invoices from the Contractor. Invoices should be clearly marked "Small Business Innovation Research Contract" or "Small Business Technology Transfer Contract," as appropriate, to expedite payment processing. One-third of the total contract price will be available to be advanced to the contractor immediately after award, another one-third will be advanced three months after award, and the final one-third will be paid upon acceptance by NASA of the Contractor's final report. By law, full payment must be made no later than 12 months after the date that contract requirements are completed. The Contractor shall flow down the terms of this clause to any subcontractor requiring advance payments."
(End of clause)

List of Documents, Exhibits and Other Attachments

LIST OF ATTACHMENTS

The following documents are attached hereto and made a part of this contract:

Number	Attachment	Pages	Date
1	Distribution List	1	April 2014
2	Accomplished Briefing Chart and Instructions	2	April 2014
3	IT Security Plan	3	April 2014
4	Applicable Document List (ADL)	6	April 2014
5	Phase II Proposal Instructions and Evaluation Criteria	28	April 2014

(End of Clause)