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**Section 5 – Government Contract Requirements**

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**UNITED SPACE ALLIANCE SUBCONTRACT**  
**1970483303 (NAS9-20000)**  
**SPACE FLIGHT OPERATIONS PROGRAM**

- (a) The following contract clauses are incorporated by reference from the Federal Acquisition Regulation and apply to the extent indicated. Unless provided for elsewhere in this contract, only subparagraphs (24), (25), (26), and (43) of this paragraph (a) shall apply to any portion of this contract that is for commercial items or commercial components, as those terms are defined at FAR 52.202-1. In all of the following clauses, "Contractor" and "Offeror" shall mean Seller.
- (1) 52.203-6 Restrictions on Subcontractor Sales to the Government (JUL 1995). This clause applies only if this contract exceeds \$100,000.
  - (2) 52.203-7 Anti-Kickback Procedures (JUL 1995) [excluding subparagraph (c)(1)]. This clause applies only if this contract exceeds \$100,000. Boeing may withhold from sums owed Seller the amount of any kickback paid by Seller or its subcontractors at any tier if (a) the Contracting Officer so directs, or (b) the Contracting Officer has offset the amount of such kickback against money owed Boeing under the prime contract.
  - (3) 52.203-10 Price or Fee Adjustment for Illegal or Improper Activity (SEP 1990). This clause applies only if this contract exceeds \$100,000. If the Government reduces Boeing's price or fee for violations of the Act by Seller or its subcontractors at any tier, Boeing may withhold or recover from Seller the amount of the reduction.
  - (4) 52.203-11 Certification and Disclosure Regarding Payments to Influence Certain Federal Transactions (APR 1991)
  - (5) 52.203-12 Limitation on Payments to Influence Certain Federal Transactions (JAN 1990). This clause applies only if this contract exceeds \$100,000. Paragraph (c) (4) is modified to read as follows: "(c) (4) Seller will promptly submit any disclosure required (with written notice to Boeing) directly to the PCO for the prime contract. Boeing will identify the cognizant Government PCO at Seller's request. Each subcontractor certification will be retained in the subcontract file of the awarding contractor."
  - (6) 52.204-2 Security Requirements (AUG 1996) (excluding any reference to the Changes clause of this contract). This clause applies only if access to classified information is required.
  - (7) 52.208-1 Required Sources for Jewel Bearings and Related Items (APR 1984)
  - (8) 52.211-15 Defense Priority and Allocation Requirements (SEP 1990).

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- (9) 52.215-2 Audit and Records -- Negotiation (AUG 1996). This clause applies only if this contract exceeds \$100,000 and (i) is cost-reimbursement, incentive, time-and-materials, labor-hour, or price-redeterminable type or any combination of these types; (ii) Seller was required to provide cost or pricing data, or (iii) Seller is required to furnish reports as discussed in paragraph (e) of the referenced clause.
- (10) 52.215-22 Price Reduction for Defective Cost or Pricing Data (OCT 1995). This clause applies only if this contract exceeds \$500,000. In the last sentence of paragraph (a), insert "of this contract" after "price or cost." In Paragraph (c), "Contracting Officer" shall mean "Contracting Officer or Buyer." In Paragraphs (c)(1), (c)(1)(ii), and (c)(2)(i), "Contracting Officer" shall mean "Contracting Officer or Buyer." In Subparagraph (c)(2)(i)(A), delete "to the Contracting Officer." In Subparagraph (c)(2)(ii)(B), "Government" shall mean "Government or Buyer."
- (11) 52.215-24 Subcontractor Cost or Pricing Data (OCT 1995). This clause applies only if this contract exceeds \$500,000. The certificate required by paragraph (b) is that set forth in FAR 15.403-4, substituting Buyer's name for "Contracting Officer."
- (12) 52.215-26 Integrity of Unit Prices (OCT 1995) [excluding paragraph (c)]
- (13) 52.215-27 Termination of Defined Benefit Pension Plans (MAR 1996). This clause applies only if under this contract certified cost or pricing data is required or preaward or postaward cost determinations are subject to FAR part 31. Boeing may withhold or recover from Seller such sums as the Contracting Officer withholds or recovers from Boeing because of liabilities of Seller or its subcontractors under this clause. "Contracting Officer" shall mean Boeing.
- (14) 52.215-39 Reversion or Adjustment of Plans for Postretirement Benefits Other Than Pensions (PRB) (MAR 1996). This clause applies only if under this contract certified cost or pricing data is required or preaward or postaward cost determinations are subject to FAR part 31. Boeing may withhold or recover from Seller such sums as the Contracting Officer withholds or recovers from Boeing because of liabilities of Seller or its subcontractors under this clause. "Contracting Officer" shall mean Boeing.
- (15) 52.215-40 Notification of Ownership Changes (FEB 1995). This clause applies only if under this contract certified cost or pricing data is required or preaward or postaward cost determinations are subject to FAR subpart 31.2. Boeing may withhold or recover from Seller such sums as the Contracting Officer withholds or recovers from Boeing because of liabilities of Seller or its subcontractors under this clause. "Contracting Officer" shall mean Boeing.
- (16) 52.215-42 Requirements for Cost or Pricing Data or Information Other Than Cost or Pricing Data – Modifications (OCT 1995)

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- (17) 52.215-43 Audit - Commercial Items (OCT 1995). This clause applies only if Seller is required to submit cost or pricing data or if an exception was granted under FAR 15.804-1(a)(2).
- (18) 52.219-8 Utilization of Small, Small Disadvantaged, and Women-Owned Small Business Concerns (OCT 1995)
- (19) 52.219-9 Small, Small Disadvantaged and Women-Owned Small Business Subcontracting Plan (AUG 1996). This clause applies only if this contract exceeds \$500,000 and Seller is not a small business concern. In paragraph (c), "Contracting Officer" shall mean Boeing.
- (20) 52.222-1 Notice to the Government of Labor Disputes (APR 1984). "Contracting Officer" shall mean Buyer.
- (21) 52.222-2 Payment for Overtime Premiums (JUL 1990). The word "zero" is inserted in the blank space indicated by an asterisk.
- (22) 52.222-4 Contract Work Hours and Safety Standards Act -- Overtime Compensation (JUL 1995). This clause applies only if this contract exceeds \$100,000. Boeing may withhold or recover from Seller such sums as the Contracting Officer withholds or recovers from Boeing because of liabilities of Seller or its subcontractors under this clause.
- (23) 52.222-20 Walsh-Healey Public Contracts Act (APR 1984). This clause applies only if this contract exceeds \$10,000.
- (24) 52.222-26 Equal Opportunity (APR 1984) [subparagraphs (b)(1) through (11)]
- (25) 52.222-35 Affirmative Action for Special Disabled and Vietnam Era Veterans (APR 1984). This clause applies only if this contract is for \$10,000 or more.
- (26) 52.222-36 Affirmative Action for Handicapped Workers (APR 1984). This clause applies only if this contract exceeds \$2,500.
- (27) 52.222-37 Employment Reports on Special Disabled Veterans and Veterans of the Vietnam Era (JAN 1988). This clause applies only if this contract is for \$10,000 or more.
- (28) 52.223-2 Clean Air and Water (APR 1984). This clause applies only if this contract exceeds \$100,000.
- (29) 52.223-11 Ozone Depleting Substances (JUN 1996)

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- (30) 52.225-10 Duty-Free Entry (APR 1984). This clause applies only if supplies are to be afforded duty-free entry or foreign supplies in excess of \$10,000 may be imported into the customs territory of the United States. For the purposes of this clause the blank(s) are completed as follows: (f)(3) The notation "UNITED STATES GOVERNMENT, DEPARTMENT OF DEFENSE, Duty-free entry to be claimed pursuant to Schedule 8, Part 3, Item No. 832.00 Tariff Schedules of the United States (19 U.S.C. 1202). Upon arrival of shipment at port of entry, District Director of Customs, please release shipment under 19 CFR 142 and notify the appropriate contract administration office for execution of Customs Forms 7501 and 7501-A and any required duty-free entry certificates."
- (31) 52.225-11 Restrictions on Certain Foreign Purchases (MAY 1992)
- (32) 52.227-1 Authorization and Consent (JUL 1995)
- (33) 52.227-2 Notice and Assistance Regarding Patent and Copyright Infringement (APR 1984). This clause applies only if this contract exceeds \$100,000. A copy of each notice sent to the Government will be sent to Boeing.
- (34) 52.227-11 Patent Rights – Retention by the Contractor (Short Form) (JUN 1989). This clause applies only if this contract is for experimental, developmental or research work and Seller is a small business or nonprofit organization.
- (35) 52.227-14 Rights in Data -- General (JUN 1987) and Alternates II (JUN 1987), III (JUN 1987), and V (JUN 1987) -- As modified by NASA FAR Supplement 18-52.227-14. This clause applies only if data will be produced, furnished, or acquired under this contract.
- (36) 52.227-16 Additional Data Requirements (JUN 1987). This clause applies only if this contract involves experimental, developmental, research, or demonstration work.
- (37) 52.227-17 Rights in Data - Special Works (JUN 1987)
- (38) 52.229-10 State of New Mexico Gross Receipts and Compensating Tax (OCT 1988). This clause applies only if (1) this contract is a cost-reimbursement contract; (2) this contract directs or authorizes Seller to acquire tangible personal property as a direct cost under a contract and title to such property passes directly to and vests in the United States upon delivery of the property by the subcontractor, and (3) this contract is for services to be performed in whole or in part in the State of New Mexico.
- (39) 52.230-6 Administration of Cost Accounting Standards (APR 1996). This clause applies only if clause 3050 or 3051 is incorporated in this contract. Add "Buyer and the" before "Contracting Officer" in paragraph (f).

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- (40) 52.234-1 Industrial Resources Developed Under Defense Production Act Title III (DEC 1994)
  - (41) 52.237-2 Protection of Government Buildings, Equipment, and Vegetation (APR 1984). This clause applies only if this contract requires work on a Government installation.
  - (42) 52.244-5 Competition in Subcontracting (JAN 1996)
  - (43) 52.244-6 Subcontracts for Commercial Items and Commercial Components (OCT 1995)
  - (44) 52.245-2 Government Property (DEC 1989)
  - (45) 52.245-18 Special Test Equipment (FEB 1993)
  - (46) 52.246-23 Limitation of Liability (APR 1984)
  - (47) 52.246-25 Limitation of Liability -- Services (APR 1984). This clause applies only if this contract exceeds \$25,000.
  - (48) 52.247-63 Preference for U.S. - Flag Air Carriers (APR 1984). This clause applies only if this contract may involve international air transportation.
  - (49) 52.247-64 Preference for Privately Owned U.S.-Flag Commercial Vessels (JUL 1995), Alternate I (APR 1984). This clause applies only if this contract exceeds \$100,000. Except in paragraph (c)(2), "20" and "30" are changed to 10 and 20 respectively.
- (b) The following contract clauses are incorporated by reference from the National Aeronautics and Space Administration Federal Acquisition Regulation Supplement and apply to the extent indicated. In all of the following clauses, "Contractor" and "Offeror" shall mean Seller.
- (1) 18-52.208-81 Restrictions on Printing and Duplicating (AUG 1993)
  - (2) 18-52.219-74 Use of Rural Area Small Businesses (SEP 1990). This clause applies only if this contract offers subcontracting possibilities.
  - (3) 18-52.219-75 Small Business and Small Disadvantaged Business Subcontracting Reporting (OCT 1995). This clause applies only if this contract exceeds \$500,000 and Seller is not a Small Business concern.
  - (4) 18-52.223-70 Safety and Health (FEB 1996). This clause applies only if this contract exceeds \$1,000,000; requires construction, repairs, or alteration in excess of \$25,000; or involves the use of hazardous materials or operations.

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- (5) 18-52.223-71 Frequency Authorization (DEC 1988). This clause applies only if this contract requires the development, production, construction, testing, or operation of a device for which a radio frequency authorization is required.
- (6) 18-52.223-74 Drug- and Alcohol-Free Workforce (MAR 96). This clause applies only if work is performed by an employee in a sensitive position, except if this contract is for commercial items.
- (7) 18-52.227-70 New Technology (JUL 1995). This clause applies only if this contract is for experimental, developmental or research work and Seller is not a small business or nonprofit organization.
- (8) 18-52.227-72 Designation of New Technology Representative and Patent Representative (APR 1984). Insert in paragraph (a): Technology Utilization Office, M/S IC-4; National Aeronautics & Space Administration; Lyndon B. Johnson Space Center; Houston, Texas, 77058.
- (9) 18-52.227-86 Commercial Computer Software - Licensing (DEC 1987). This clause applies only if Seller's software will be delivered to NASA under licensing.
- (10) 18-52.227-87 Transfer of Technical Data Under Space Station International Agreements (APR 1989)
- (11) 18-52.228-72 Cross-Waiver of Liability for Space Shuttle Services (SEP 1993)
- (12) 18-52.228-76 Cross-Waiver of Liability for Space Station Activities (DEC 1994)
- (13) 18-52.242-72 Observance of Legal Holidays (AUG 1992), Alternate II (SEP 1989). This clause applies only if work on a government installation is required.
- (14) 18-52.245-70 Acquisition of Centrally Reportable Equipment (MAR 1989) [excluding paragraph (b)(3)]. In this clause, "Contracting Officer" shall mean Boeing. Seller will report to Boeing all Centrally Reportable Equipment (CRE) in accordance with the terms of this clause. A listing of all equipment, including CRE items, CRE type items costing less than \$1,000.00, all development items, no matter what the value, and Special Tooling will be provided to Boeing on 30 March and 30 September of each year. The listing will exclude completed end item deliverables under the contract, leased items, and any software/manuals. Seller will ensure that these requirements are included in all lower-tier subcontracts.
- (15) 18-52.245-73 Financial Reporting of Government-Owned/Contractor-Held Property (SEP 1996). Seller will submit annual reports to Boeing no later than October 15.

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(16) 18-52.246-73 Human Space Flight Item (MAR 1997).

(17) 18-52.247-71 Protection of the Florida Manatee (MAR 1989).

(c) Cost Accounting Standards

(1) The version of FAR 52.230-2, Cost Accounting Standards, incorporated by clause 3050 is the version dated April 1996.

(2) The version of FAR 52.230-3, Disclosure and Consistency of Cost Accounting Practices, incorporated by clause 3051 is the version dated April 1996.

(d) Safety and Health

Seller shall take all reasonable safety and health measures in performing under this order and shall submit a safety plan and a health plan for Buyer's approval. Seller shall comply with all applicable Federal, state and local laws, applicable to safety and health, which are in effect on the date of this order, and with the safety and health standards, specifications, reporting requirements and provisions as set forth in the order. Seller shall take or cause to be taken such other safety and health measures as Buyer may direct. Seller shall immediately notify and promptly report to Buyer and United Space Alliance any accident, incident or exposure resulting in fatality, lost-time occupational injury, occupational disease and contamination of property, or property loss of more than \$25,000 arising out of work performed under this order; however, Seller will not be required to include in any report an expression of opinion as to fault or negligence of any employee. Seller shall investigate all such work-related incidents or accidents to the extent necessary to determine their cause and furnish Buyer with a report, in such form as Buyer may require, of the investigative findings and proposed or completed corrective actions. Seller agrees that authorized representatives of the Buyer and United Space Alliance shall have access to and the right to examine the sites or areas where work under this order is being performed to determine the adequacy of Seller's safety and health measures. Seller shall furnish a list of all hazardous operations to be performed, and in addition will furnish a list of other major or key operations required or planned in the performance of this order although not deemed hazardous by Seller; Buyer, Seller, and United Space Alliance will jointly determine which operations are to be considered hazardous, with United Space Alliance as the final authority. Before hazardous operations commence, Seller will develop and submit for Buyer and United Space Alliance concurrence the following: Written Hazardous Operating Procedures (HOP) for all hazardous operations; and/or a certification program for personnel involved in hazardous operations. Buyer may notify Seller in writing of any noncompliance with the provisions of this clause and may also specify corrective actions to be taken; if Seller fails or refuses to institute prompt corrective actions in accordance with Buyer's notification, Buyer may invoke the Stop Work provision of this order or any other remedy legally available to Buyer. This clause only applies to orders involving hazardous materials or operations; involving

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construction; or that exceeds \$1,000,000 in value. Seller agrees to incorporate the substance of this clause in any subcontract that it issues in direct support of this order which involves hazardous material or construction, or which exceeds \$1,000,000 in value.

(e) Government Insight.

NASA and the United States Alliance shall have the right to audit the Seller to determine compliance with the requirements of this order. Audits may include, but are not limited to, an examination of all disciplines and tasks which are involved with or support Shuttle launch and landing operations, hardware and software production and maintenance, safety and quality assurance, logistics, procurements and operations. NASA and United Space Alliance may schedule fact-finding meetings with Seller as necessary to discuss issues requiring NASA or United Space Alliance insight; when requested by NASA, United Space Alliance or Buyer, Seller shall provide necessary support to NASA and United Space Alliance when they audit Seller and for Government-Seller meetings. Seller agrees no direction from NASA or United Space Alliance or constructive change to this order shall result from any of these meetings. This clause applies only to cost-type orders exceeding \$1,000,000.

(f) Packaging & Marking.

Seller shall pack and mark all hardware deliverable under this order in accordance with the provisions of NASA Handbook (NHB) 6000.1, Requirements for Packaging, Handling & Transportation. Seller shall pack potentially hazardous items in accordance with paragraph 204 of NHB 6000.1. Seller shall develop packaging, handling, and transportation records, if required, from engineering and packaging data. Seller's packaging specifications or procedures may be utilized if they are not in conflict with cited NASA specifications, and are approved in writing by Buyer. In any conflict between NASA, Buyer and Seller specifications or procedures, the NASA documents cited in this clause shall take precedence. Seller shall prominently display a NASA Critical Space Item Label on the wrapping or covering of all items furnished, shipped or transported in support of this order that are for space flight use. Class I, Class II, and Class III interim packages and all exterior shipping containers will be marked to alert shipping and handling personnel to the criticality of the item in accordance with paragraph 303 of NHB 6000.1. All markings for space flight items shall be blue in color. All shipping documents and purchasing documents for these items shall be marked "ITEMS FOR SPACE FLIGHT USE".

(g) Potentially Hazardous Items.

Seller shall furnish complete design information and drawings showing all details of construction, including material, for the following items or components: detonators, expanding tubes, shielded mild detonating cords, pressure cartridges, standard initiators Type I, percussion primers, any residuals on Space Shuttle equipment returned from the launch facility. These items or components are designated as potentially hazardous to employees and subcontractors who are to perform any



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work in connection with installing them in combination with other equipment, or in testing them either alone or in combination with other items or components, or in handling them. Seller shall inform such employees or subcontractors of the potentially hazardous nature of these items or components before requesting or directing the performance of work. The requirement for delivery of data supercedes any terms of this order permitting withholding of data. Seller shall include this clause, including this sentence, in each subcontract at any tier under this contract that calls for the manufacture or handling of the items or components designated above as potentially hazardous.

(h) Badging Requirements for Foreign Nationals.

If foreign nationals are to be used for work on a NASA installation, advance notice must be given through the Buyer to the cognizant NASA Security Office at least one month prior to the scheduled need for access. The following specific information must be provided for each such foreign national: complete name and address; company name and address; detailed description of duties and contract number; nationality and date and place of birth; passport number and expiration date; employment authorization and/or work permit number issued by the INS; access requirements and duration of need for access. The NASA Security Office will make arrangements for appropriate badging or will notify Seller if unescorted access is denied or delayed. Seller agrees that it will not employ for performance of work at a NASA installation any individual who is not legally authorized to work in the United States.

(i) Space Flight Motivation Awareness Program.

Seller shall maintain a product and performance-oriented motivation program in accordance with Safety NHB 1700.1 (VI-B) and NASA Policy Directive 3500. The program objective shall be the prevention of human error by instilling in individuals an awareness of individual responsibility for ISS, Shuttle, and any other ancillary mission/ payloads related to human space flight. As a minimum, goals should be to assure mission success, flight crew safety, and recognition of exemplary performance necessary to achieve success. The program should include as a minimum: participation in NASA-Industry Space Flight Awareness Program; goal setting and measurement to provide documented practical goals and performance standards for the reduction and elimination of human errors at organizational and individual employee levels; a system for detecting human errors, relating them to identifiable causes and action to remove the causes; methods to obtain and distribute motivational information and materials to concerned personnel and vendors supplying critical flight and ground support hardware and software; motivational indoctrination for supervisory personnel and indoctrination of the workforce in workmanship needs; recognition of personnel who demonstrate their awareness through exceptional craftsmanship, error-free workmanship and attention to careful performance in their job responsibility. This clause only applies to orders exceeding \$2,500,000.

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(j) Compliance with Applicable Center Policies & Procedures.

Seller personnel working on-site at NASA centers are required to comply with applicable center policies and procedures. Seller must keep up-to-date with the latest revisions of these policies and procedures. Seller shall promptly take corrective action upon receipt of notice from the Buyer or representative of the NASA center in question.

(k) Special Provisions for Contract Changes.

Seller agrees that notwithstanding the provisions of the "Changes" clause, no change made pursuant to the Changes clause shall give rise to an equitable adjustment in fee for this order when said change results in an increase or decrease of less than \$500,000 in the estimated cost of this order. The parties recognize that several changes may be grouped together in a bilateral modification for definitization; however, the dollar value of each individual change will be controlling in determining whether or not an equitable adjustment of fee is in order.

(l) Protection of Government FIP Assets.

"FIP Assets" mean computer software such as programs, data files, databases, and other ADP material in whatever form such as magnetic tapes, disks, cassettes, card decks, printed listing, or other recorded media. Seller shall establish procedures to protect Government FIP assets whether furnished by Buyer or USA, or first produced by Seller under this subcontract, from misuse, destruction, loss, sale, publication or release to others, except as otherwise provided in this order's Rights in Data clause. Such procedures will provide for the accountability of FIP assets by the Seller and the return to Buyer of any FIP assets in the possession of employees upon termination or transfer of such employees. On completion of work under this order, Government FIP assets will be delivered as authorized by Buyer. This clause only applies to an order which will receive or first produce significant Government FIP assets.

(m) Security Requirements for Unclassified Automated Resources.

In addition to complying with any functional and technical security requirements set forth in this order, Seller shall initiate personnel screening checks and obtain user responsibility agreements for each Seller employee requiring access to limited or controlled areas, systems, programs, and data. Seller shall submit a personnel security questionnaire (NASA Form 531 – Name Check Request; and Standard Form 85P - Questionnaire for Public Trust Positions) and a Fingerprint Card (FD-258) through Buyer to the installation Security Officer for each Seller employee who requires access. When employee access is necessary prior to completion of personnel screening, each Seller employee requiring access may be considered for escorted access, at the discretion of the installation Security Officer. Seller shall ensure that each Seller employee requiring access executes any user responsibility agreements required by the Government prior to access. Seller shall provide signed

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copies of the agreements through Buyer to the Installation Security Officer. Unauthorized access is a violation of law and punishable under the provisions of 18 USC 1029-1030 and other applicable statutes. Seller shall notify the installation through the Buyer no later than the end of the day of termination for cause of an authorized employee's access. Seller shall notify the installation through the Buyer not later than seven days after an authorized employee no longer requires access. Verbal notifications shall be confirmed in writing within twenty days.

(n) Technology Transfer.

Seller shall support, and participate in, the Government's Technology Transfer Program by assisting in the transfer of technology developed under government contracts to the private sector. Seller's participation may include the following: dual-use technology development of cutting edge technology having applications both within and outside the aerospace community; collaborative efforts with third parties for the purpose of transferring technology; Government sponsored technology outreach and industry assistance programs that further the transfer of technology; applications engineering work for the purpose of adapting the developed technology to a specific commercial use. Seller shall establish a written plan to further the transfer of technology developed under Government contracts which is consistent with NASA's "Agenda for Change" dated June 1994. This policy shall include: Seller's commitment to educating and training its workforce in technology transfer activities; Seller's commitment to assist its subcontractors with technology transfer activities; Seller's commitment to outreach activities aimed at marketing and commercializing technology being used under this order. Seller shall submit quarterly reports which explains its progress in meeting the objectives of their Technology Transfer Plan to the Buyer.

(o) Custody and Disposition of Computer Software.

The computer software packages acquired or developed in the performance of this order may remain in custody of the Seller until Buyer calls for the transfer or delivery thereof, or until transfer or delivery is made pursuant to any requirements specified elsewhere in this order, whichever is earlier. Whenever such packages are commercially available, Seller shall either grant or obtain from the appropriate third-party vendors sufficient rights to transfer or deliver, without additional fee or approval, the software packages and their licenses to the Government or any authorized follow-on Government contractor. In order to comply with subparagraph (h) of FAR 52.227-14 (Rights-In-Data - General), Seller shall include NASA FAR Sup. 18-52.227-86 (Commercial Computer Software - Licensing) in all subcontracts supporting this order which involve the acquisition of commercial software; if the subcontractor refuses to accept this clause, Seller shall promptly notify Buyer and not proceed with the award of the subcontract without further authorization.

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(p) Information Technology Purchases.

Information technology purchases made under this order may be made only after Buyer review and approval of the proposed purchases. "Information Technology" applies to all resources as defined in the Information Technology Management Reform Act (ITMRA).

(q) Export of Technical Data, Computer Software, or Hardware.

NASA may have a need to deliver, disclose or transfer to a foreign entity or person technical data, computer software, or hardware developed, used or required to be delivered by Seller in performance of this order. When such a need arises, NASA may exercise through Buyer the applicable exemptions, general licenses, existing NASA export licenses or other approvals available under the United States export control laws, and may effect the export of such technical data, computer software, or hardware by direction to Seller through Buyer. When directed in writing by Buyer, Seller shall export on behalf of NASA specifically identified technical data, computer software, or hardware to a named foreign entity or person, in the manner and under the conditions provided for in the direction. Any export made in accordance with this clause shall be limited to only that technical data, computer software, and hardware which Buyer specifically identifies and authorizes Seller to export, in the manner and under the conditions provided in the authorization. All other exports of technical data, computer software and hardware by Seller, whether related to performance of this order or otherwise, are subject to the applicable requirements of the United States export control laws and regulations. Nothing contained in this clause shall affect the protection or allocation of rights to technical data or computer software between Buyer and Seller or its subcontractors as provided for in this order or subcontracts supporting this order, nor shall this clause imply any license or affect the scope of any license otherwise granted to the Government, Buyer, or the recipient of the transferred or disclosed technical data or computer software. Seller shall include this clause in all of its subcontracts (suitably modified to reflect the relationship of the parties), the performance of which may require the development, delivery, or use of the technical data, computer software, or hardware, and the Seller may direct an export on behalf of the Buyer, subject to the limitations set forth above; alternatively, Buyer may give such direction directly to Seller's subcontractor (with notice to Seller).

(r) Access to Seller Data.

This clause applies only if this is a cost-type contract. "Data" means recorded information (regardless of form or media in which it is recorded), including but not limited to the following: technical data; computer software; information incidental to contract administration, such as financial, administrative, cost or pricing, or management information; Seller internal audits of any discipline, system or task which directly or indirectly supports Shuttle, Payload, and ISS ground support, launch, flight or landing operations, as well as such data from any audit of subcontractors supporting Seller's efforts under this order. Buyer and United Space

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Alliance shall, through closeout, have access to and right to examine any of the data used or produced in the performance of this order. Access to certain sensitive business data shall be determined on a case-by-case basis. Seller shall make available at all reasonable times for Buyer, United Space Alliance, or NASA inspection all existing Buyer or Government data provided to Seller and any data first produced or used in performance of this order for examination through closeout; moreover, information provided by Seller shall contain all necessary technical and business application data to determine the degree to which the requirements of the order are met. Except for software systems being provided as part of this order and existing Seller systems, Seller shall maintain all data on a commercially available system for information management (a system comprised of a COTS database management system with its associated reporting/query tools, and a COTS text and graphics viewer software package); Seller must obtain the approval of Buyer prior to using any new non-commercial system, or upgrading any existing non-commercial system, for information management of data generated under this order. If use of a noncommercial system is approved, Seller shall demonstrate the system to Buyer, United Space Alliance, and NASA and provide thorough training to Buyer, United Space Alliance, and NASA personnel to ensure that they are able to access all data maintained on the system, Seller shall provide Buyer, United Space Alliance, and Government personnel unimpeded access to all areas determined by Buyer or Government as necessary for surveillance, audit, and independent evaluation purposes. Buyer, United Space Alliance, and Government shall have the right to reproduce any data found during the examination that they wish to retain; but they shall retain no greater rights in the data than they would have under the "Rights in Data - General" clause. Seller shall describe the areas of its internal systems where Buyer, United Space Alliance, and NASA access will be permitted, and provide Buyer, United Space Alliance, and NASA the required training to be able to access and use these systems. Seller shall include this clause in all of its cost-type subcontracts supporting this order.