

SOLICITATION/CONTRACT/ORDER FOR COMMERCIAL ITEMS OFFEROR TO COMPLETE BLOCKS 12, 17, 23, 24 & 30				1. REQUISITION NUMBER n/a	PAGE 1 OF 25
2. CONTRACT NO. NNC06BA04B	3. AWARD/EFFECTIVE DATE June 16, 2006	4. ORDER NUMBER	5. SOLICITATION NUMBER NNC06ZQE026R	6. SOLICITATION ISSUE DATE May 12, 2006	
7. FOR SOLICITATION INFORMATION CALL:	a. Name Michelle A. Mader	b. TELEPHONE NUMBER (No collect calls) (216) 433-2765		8. OFFER DUE DATE/LOCAL TIME 4:30 p.m., May 26, 2006	
9. ISSUED BY NASA GLENN RESEARCH CENTER Attn: Michelle A. Mader, Aeropropulsion and Information Technology Branch 21000 BROOKPARK ROAD, MS 500-305 CLEVELAND, OH 44135-3191	CODE CHD	10. THIS ACQUISITION IS <input checked="" type="checkbox"/> UNRESTRICTED or <input type="checkbox"/> SET ASIDE: % FOR <input type="checkbox"/> SMALL BUSINESS <input type="checkbox"/> EMERGING SMALL BUSINESS NAICS: 541519 <input type="checkbox"/> HUBZONE SMALL BUSINESS <input type="checkbox"/> 8(A) SIZE STANDARD: \$23 million <input type="checkbox"/> SERVICE-DISABLED VETERAN-OWNED SMALL BUSINESS		13b. RATING DO-A1	
11. DELIVERY FOR FOB DESTINATION UNLESS BLOCK IS MARKED <input type="checkbox"/> SEE SCHEDULE	12. DISCOUNT TERMS NET 30 DAYS	<input checked="" type="checkbox"/> 13a THIS CONTRACT IS A RATED ORDER UNDER DPAS (15 CFR 700)		14. METHOD OF SOLICITATION <input type="checkbox"/> RFQ <input type="checkbox"/> IFB <input checked="" type="checkbox"/> RFP	
15. DELIVER TO Address shown on individual delivery order	CODE	16. ADMINISTERED BY See Block 9		CODE	
17a. CONTRACTOR/OFFEROR ARES Corp. 1440 Chapin Ave., Suite 390 Burlingame, CA 94010-4058	PPC/STATE CODE (DL) (05)	FACILITY CODE 1BYL8	18a. PAYMENT WILL BE MADE BY NASA GLENN RESEARCH CENTER COMMERCIAL ACCOUNTS MS 500-303 21000 BROOKPARK ROAD CLEVELAND, OH 44135-3191		
TELEPHONE NO.			18b. SUBMIT INVOICES TO ADDRESS SHOWN IN BLOCK 18a. UNLESS BLOCK BELOW IS CHECKED <input type="checkbox"/> SEE ADDENDUM		
<input type="checkbox"/> 17b. CHECK IF REMITTANCE IS DIFFERENT AND PUT SUCH ADDRESS IN OFFER					
19. ITEM NO.	20. SCHEDULE OF SUPPLIES/SERVICES	21. QUANTITY	22. UNIT	23. UNIT PRICE	24. AMOUNT

Support and Maintenance of the Process Based Mission Assurance - Knowledge Management System (PBMA-KMS)

(Use Reverse and/or Attach Additional Sheets as Necessary)

25. ACCOUNTING AND APPROPRIATION DATA n/a			26. TOTAL AWARD AMOUNT (For Govt. Use Only) NTE \$12,000,000		
<input checked="" type="checkbox"/> 27a. SOLICITATION INCORPORATES BY REFERENCE FAR 52.212-1, 52.212-4, FAR 52.212-3 & 52.212-5 ARE ATTACHED. ADDENDA <input checked="" type="checkbox"/> ARE <input type="checkbox"/> ARE NOT ATTACHED.			<input checked="" type="checkbox"/> 27b. CONTRACT/PURCHASE ORDER INCORPORATES BY REFERENCE FAR 52.212-4, FAR 52.212-5 IS ATTACHED. ADDENDA <input checked="" type="checkbox"/> ARE <input type="checkbox"/> ARE NOT ATTACHED.		
<input checked="" type="checkbox"/> 28. CONTRACTOR IS REQUIRED TO SIGN THIS DOCUMENT AND RETURN 1 COPIES TO ISSUING OFFICE. CONTRACTOR AGREES TO FURNISH AND DELIVER ALL ITEMS SET FORTH OR OTHERWISE IDENTIFIED ABOVE AND ON ANY ADDITIONAL SHEETS SUBJECT TO THE TERMS AND CONDITIONS SPECIFIED HEREIN.			<input type="checkbox"/> 29. AWARD OF CONTRACT: REF. _____ OFFER DATED _____, YOUR OFFER ON SOLICITATION (BLOCK 5), INCLUDING ANY ADDITIONS OR CHANGES WHICH ARE SET FORTH HEREIN, IS ACCEPTED AS TO ITEMS:		
30a. SIGNATURE OF OFFEROR/CONTRACTOR <i>Kathryn Naassen</i>			31a. UNITED STATES OF AMERICA (Signature of Contracting Officer) <i>Michelle A. Mader</i>		
30b. NAME AND TITLE OF SIGNER (Type or print) KATHRYN NAASSEN, VICE PRESIDENT		30c. DATE SIGNED 6/16/06	31b. NAME OF CONTRACTING OFFICER (Type or print) Michelle A. Mader		31c. DATE SIGNED 6/16/06

32. FIRM FIXED PRICE (NASA 1852.216-78) (DEC 1988)

The total firm fixed price of this contract is Not-to-Exceed \$12,000,000.00 (obligated via Delivery Orders placed pursuant to this contract).

(End-of-Clause)

33. SUPPLIES AND/OR SERVICES TO BE FURNISHED - COMMERCIAL ITEMS (GRC 52.212-112) (AUG 1997)

The Contractor shall provide all resources (except as may be expressly stated in this contract as furnished by the Government) necessary to furnish the items in the Statement of Work in this contract.

(End-of-Clause)

34. INSPECTION AND ACCEPTANCE (GRC 52.246-92) (JAN 1987)

Final inspection and acceptance of all work performed under this contract, including all deliverable items will be performed at destination.

(End-of-Clause)

35. PERIOD OF PERFORMANCE (GRC 52.211-92) (MAY 2002)

The period of this contract shall be five (5) years from the date of award of contract. However, if the contract ordering maximum as stated in clause #39, below, is reached prior to the end of the 5 year term, the contract shall expire at that point.

36. ORDERING (FAR 52.216-18) (OCT 1995)

(a) Any supplies and services to be furnished under this contract shall be ordered by issuance of delivery orders or task orders by the individuals or activities designated in the Schedule. Such orders may be issued from the date of award of contract through the end of the contract term.

(b) All delivery orders or task orders are subject to the terms and conditions of this contract. In the event of conflict between a delivery order or task order and this contract, the contract shall control.

(c) If mailed, a delivery order or task order is considered "issued" when the Government deposits the order in the mail. Orders may be issued orally, by facsimile, or by electronic commerce methods only if authorized in the Schedule.

(End of clause)

37. ORDER LIMITATIONS (FAR 52.216-19) (OCT 1995)

(a) Minimum order. When the Government requires supplies or services covered by this contract in an amount of less than \$10,000.00, the Government is not obligated to purchase, nor is the Contractor obligated to furnish, those supplies or services under the contract.

(b) Maximum order. The Contractor is not obligated to honor--

(1) Any order for a single item in excess of \$1,000,000.00;

(2) Any order for a combination of items in excess of \$1,000,000.00;
or

(3) A series of orders from the same ordering office within fifteen (15) calendar days that together call for quantities exceeding the limitation in subparagraph (1) or (2) of this section.

(c) If this is a requirements contract (i.e., includes the Requirements clause at subsection 52.216-21 of the Federal Acquisition Regulation (FAR)), the Government is not required to order a part of any one requirement from the Contractor if that requirement exceeds the maximum-order limitations in paragraph (b) of this section.

(d) Notwithstanding paragraphs (b) and (c) of this section, the Contractor shall honor any order exceeding the maximum order limitations in paragraph (b), unless that order (or orders) is returned to the ordering office within seven (7) calendar days after issuance, with written notice stating the Contractor's intent not to ship the item (or items) called for and the reasons. Upon receiving this notice, the Government may acquire the supplies or services from another source.

(End of clause)

38. INDEFINITE QUANTITY (FAR 52.216-22) (OCT 1995)

(a) This is an indefinite-quantity contract for the supplies or services specified, and effective for the period stated, in the Schedule. The quantities of supplies and services specified in the Schedule are estimates only and are not purchased by this contract.

(b) Delivery or performance shall be made only as authorized by orders issued in accordance with the Ordering clause. The Contractor shall furnish to the Government, when and if ordered, the supplies or services specified in the Schedule up to and including the quantity designated in the Schedule as the "maximum." The Government shall order at least the quantity of supplies or services designated in the Schedule as the "minimum."

(c) Except for any limitations on quantities in the Order Limitations clause or in the Schedule, there is no limit on the number of orders that may be issued. The Government may issue orders requiring delivery to multiple destinations or performance at multiple locations.

(d) Any order issued during the effective period of this contract and not completed within that period shall be completed by the Contractor within the time specified in the order. The contract shall govern the Contractor's and Government's rights and obligations with respect to that order to the same extent as if the order were completed during the contract's effective period; provided, that the Contractor shall not be required to make any deliveries under this contract after three (3) months after the contract expiration date.

(End of clause)

39. INDEFINITE QUANTITY - CONTRACT MINIMUM/MAXIMUM AMOUNT

The minimum amount the Government will order under this contract is \$600,000.00. The total of all orders issued during the life of this contract shall not exceed \$12,000,000.00. Of this maximum amount, \$8,000,000.00 is reserved for ordering by the NASA Glenn Research Center.

(End of clause)

40. ACCEPTANCE - MULTIPLE LOCATIONS

(a) The Contracting Officer or authorized representative will accomplish acceptance at the following locations(s):

<u>Item</u>	<u>Location</u>	<u>Authorized Representative</u>
As stated on individual delivery orders	Ordering NASA Center	As stated on individual delivery orders

(End of clause)

41. DELIVERY ORDER PROCEDURES

The following ordering procedures shall be used in conjunction with FAR clause 52.216-18 ORDERING (OCT 1995):

(a) Ordering:

Supplies or services to be furnished under this contract shall be ordered through the issuance of a NASA Form C-4015 (or other similar form which contains all of the information specified in paragraph (b), below) by the following NASA Installations:

- NASA Headquarters, Washington, DC
- Ames Research Center (ARC), Moffett Field, CA
- Dryden Flight Research Center (DFRC), Edwards, CA
- Glenn Research Center (GRC), Cleveland, OH
- Goddard Space Flight Center (GSFC), Greenbelt, MD
- Jet Propulsion Laboratory (JPL), Pasadena, CA

Johnson Space Center (JSC), Houston, TX
Kennedy Space Center (KSC), Kennedy Space Center, FL
Langley Research Center (LaRC), Hampton, VA
Marshall Space Flight Center (MSFC), Marshall Space Flight Center, AL
Stennis Space Center (SSC), Stennis Space Center, MS
Wallops Flight Facility (WFF), Wallops Island, VA

Contracting Officers wishing to place orders under this contract should contact:

Ms. Michelle A. Mader
NASA Glenn Research Center
21000 Brookpark Rd., M.S. 500-305
Cleveland, OH 44135
(216) 433-2765
michelle.a.mader@nasa.gov

Only warranted Contracting Officers may issue delivery orders under this contract. Each Contracting Officer issuing delivery orders under this contract is responsible for ensuring that they have obtained all file documentation required by FAR and the NFS, as well as that the fixed price negotiated for the delivery order is fair and reasonable by obtaining a proposal from the Contractor for each potential delivery order. While the Contractor's independent contributions to an order will be reflected in each delivery order proposal, they will not be reflected in the final price for the delivery order.

A copy of each order placed under this contract MUST be sent to Ms. Mader after it is issued, for contract administration purposes.

(b) Content of Delivery Orders

Delivery Orders shall be issued in writing. ORAL ORDERS ARE NOT AUTHORIZED. They may be sent by facsimile machine (FAX) or by electronic means, with a hard-copy follow-up. Delivery orders shall include, but not be limited to, the following information:

- Date of order
- GRC contract number and Individual Center order number
- Purchase request number and either the appropriation and accounting data or a statement that such data is retained in SAP
- Description of the required effort, including deliverables, reports of work (if any), and document distribution requirements (if any)
- Period of performance
- Exact place of delivery and acceptance
- The Firm Fixed Price of the order
- The address for invoicing
- Individual Center point of contact

(c) Delivery Order Modifications

Delivery orders may be modified in writing by a Contracting Officer

from the original ordering Center. All modification must be in writing. A copy of all order modifications MUST be sent to Ms. Michelle Mader at the address shown in paragraph (a), above.

(End of clause)

42. RIGHTS TO PROPOSAL DATA (TECHNICAL) (FAR 52.227-23) (JUN 1987)

Except for data contained on pages 23 through 29, it is agreed that as a condition of award of this contract, and notwithstanding the conditions of any notice appearing thereon, the Government shall have unlimited rights (as defined in the "Rights in Data--General" clause contained in this contract) in and to the technical data contained in the proposal dated May 26, 2006 upon which this contract is based.

(End of Clause)

43. F.O.B POINT (GRC 52.247-92) (AUG 2002)

The items to be delivered under this contract shall be shipped F.O.B. Destination the address shown on the individual delivery order.

(End of Clause)

44. PERSONAL IDENTITY VERIFICATION OF CONTRACTOR PERSONNEL (FAR 52.204-9) (JAN 2006)

(a) The Contractor shall comply with agency personal identity verification procedures identified in the contract that implement Homeland Security Presidential Directive-12 (HSPD-12), Office of Management and Budget (OMB) guidance M-05-24, and Federal Information Processing Standards Publication (FIPS PUB) Number 201.

(b) The Contractor shall insert this clause in all subcontracts when the subcontractor is required to have physical access to a federally-controlled facility or access to a Federal information system.

(End of clause)

45. RELEASE OF SENSITIVE INFORMATION (NFS 1852.237-73) (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)

**46. NASA SYSTEM ADMINISTRATOR SECURITY CERTIFICATION (GRC 52.204-95)
(JUL 2003)**

(a) In addition to any other requirements of this contract, all individuals who perform tasks as a system administrator or have authority to perform tasks normally performed by system administrator shall be required to demonstrate knowledge appropriate to those tasks. This demonstration, referred to as the NASA System Administrator Security Certification, is a NASA funded two-tier assessment to verify that system administrators are able to--

(1) Demonstrate knowledge in system administration for the operating systems for which they have responsibility.

(2) Demonstrate knowledge in the understanding and application of Network and Internet Security.

(b) Certification is granted upon achieving a score above the certification level on both an Operating System test and the Network and Internet Security Test. The Certification earned under this process will be valid for three years. The criteria for this skills assessment has been established by the NASA Chief Information Officer. The objectives and procedures for this certification can be obtained by contacting the IT Security Awareness and Training Center at (216) 433-2063.

(c) A system administrator is one who provides IT services, network services, files storage, web services, etc. to someone else other than themselves and takes or assumes the responsibility for the security and administrative controls of that service or machine. A lead system administrator has responsibility for information technology security (ITS) for multiple computers or network devices represented within a system; ensuring all devices assigned to them are kept in a secure configuration (patched/mitigated); and ensuring that all other system administrators under their lead understand and perform ITS duties. An individual that has full access or arbitrative rights on a system or machine that is only servicing themselves does not constitute a "system administrator" since they are only providing or accepting responsibility for their system. An individual that is only servicing themselves is not required to obtain a System Administrator Certification.

(End of Clause)

47. PIV CARD ISSUANCE PROCEDURES (GRC 52.204-96) (FEB 2006)

"PIV Card Issuance Procedures", posted on the World Wide Web at <http://www.grc.nasa.gov/WWW/Procure/PIVCardIssuanceProcedures.doc>, are incorporated herein by reference and made a part hereof.

These PIV Card Issuance Procedures are in accordance with FAR clause 52.204-9, "Personal Identity Verification of Contractor Personnel" and NASA Procurement Information Circular (PIC) 06-01 entitled "Personal

Identity Verification of Contractors", dated January 18, 2006.

(End of Clause)

**48. CONTRACTORS' DUTIES AND RESPONSIBILITIES ON-SITE (GRC 52.209-90)
(SEP 2002)**

(a) **BADGES.** All Contractor personnel having a need to enter areas of the Glenn Research Center or Plum Brook Station shall have an identification badge or pass. This badge or pass shall be obtained at the entrance of the Glenn Research Center or Plum Brook Station. In addition to the requirements contained herein, the Contractor shall comply with Glenn Procedures and Guidelines GLPG 3730.1, Managing Conduct and Other Employee Issues, incorporated herein by reference and made a part hereof.

(1) Resident Contractors (employees with picture badges)--

(i) The on-site company supervisor will notify the Main Gate Badge Clerk at PABX 3-2206 when a new employee is reporting to work. The Badge Clerk will give the company supervisor specific instructions as to how the new employee will be badged, photographed, fingerprinted, etc.

(ii) When an employee terminates and/or resigns employment, the company shall issue to the employee NASA Form C-10087, Non-NASA Separation Clearance Record. The company shall be responsible for making an inquiry of all offices listed on the form to see if the employee has any outstanding Government items. The employee shall then take this form to all offices that list he/she has outstanding items. The employee's last stop is for the return of their Government issued I.D. badge.

(iii) The Company shall ensure that the terminated and/or resigned employee has returned his/her badge to the Main Gate Badge Clerk. Final clearance of a Contractor upon completion of a contract will depend in part upon accounting for all badges issued to employees during the performance of the contract. It should be recognized that security badges are Government property and any alteration or misuse of these badges may be prosecuted as a violation of Section 499, Title 18, U.S. Code.

(2) Non-Resident Contractors (employees with non-picture badges). The Contractor's on-site manager shall comply with the Badge and Property Regulations (NASA Form C-421) a copy of which will be given the Contractor's supervisors at the time of the Construction Site Showing. The Badge and Property Regulations are quoted below:

(3) The following regulations have been adopted governing the control of Contractor's Badges at the Glenn Research Center.

(i) Ensure that each company employee is in possession of

NASA Form C-9975 prior to reporting to work for badging purposes. Employees not in possession of the above mentioned for will be delayed at the gate until such time as the company supervisor/foreman or his representative reports to the Main Gate with the appropriate paperwork for badging.

(ii) Report lost badges immediately.

(iii) Upon termination of duties, each employee's badge will be collected and returned to the Main Gate by the Contractor. Final clearance of a Contractor upon completion of a contract will depend in part upon the accounting for all badges issued to employees during the performance of the contract. It should be recognized that security badges are Government property and any alteration or misuse of these badges may be prosecuted as a violation of Section 499, Title 18, U.S. Code.

(b) NASA-OWNED PROPERTY

(1) The term "NASA-Owned Property" refers to all controlled (tagged) and non-tagged equipment, library property, security badges, computer passwords and other property furnished by the Government during the course of the contract. See clauses 1852.245-71 "INSTALLATION ACCOUNTABLE GOVERNMENT PROPERTY" and 1852.245-77 "INSTALLATION ACCOUNTABLE PROPERTY AND SERVICES" for the Contractor's responsibilities with regard to Government Property.

(2) The Contractor shall ensure that all NASA-Owned property issued to its employees is returned and in satisfactory condition upon termination of an employee's duties. In cases where accountability for the property is transferred from one employee to another, the NASA Equipment Management System (NEMS) Control office of the Logistics Management Division must be notified. At the completion of the Government contract, all property will be returned, and the contract value will be adjusted for any property not accounted for.

(3) When access to Federal computer systems has been granted, the Contractor shall ensure that its employees comply with the clause of the contract entitled "SECURITY REQUIREMENTS FOR UNCLASSIFIED INFORMATION RESOURCES (NFS 1852.204-76)".

(c) EMERGENCIES

(1) The Contractor shall ensure that its employees are informed that Emergency, Fire, Medical, Safety, and Security assistance can be summoned by Dialing "911" on the Center's PABX telephone system. Emergencies are defined as incidents involving serious personal injury or damage that causes a possible hazardous condition, or any incidents that require immediate attention of the Plant Protection Department or Security. All other medical treatment is the responsibility of the Contractor.

(2) For incidents not classified as an emergency, contractor

personnel shall be instructed to immediately notify the Contracting Officer's Technical Representative (COTR) (rather than dialing "911") in the event of an accident involving either personal injury or damage to property whether public or private, including damage to motor vehicles. They shall cooperate fully with the Government Accident Investigator and the Center Accident Investigation Board. This cooperation shall include interviews at the accident site and/or at a Board meeting.

(3) The Chairman of the appropriate Accident Investigation Board will notify the Contractor through the COTR as to the date and time and location of the Board meeting. The Board meetings will be held between the hours of 8:15 a.m. and 4:45 p.m. regular work days Monday through Friday.

(4) For Contractor duties where continuous manning of posts is mandatory during a work shift, the Contractor shall provide substitute personnel as required for manning these posts during the meeting of the Accident Investigation Boards.

(d) TRAFFIC

(1) The Contractor agrees to comply, and agrees to require that all of its personnel will comply with all posted traffic signs, signals and instructions of personnel assigned for traffic control and parking purposes and with the provisions of NPD 1600.2 and NHB 1620.1 incorporated herein by reference and made a part hereof.

(2) The Government reserves the right to bar from the Glenn Research Center any Contractor employee who has failed to comply with such signs, signals, instructions and the provisions of NPD 1600.2 and NHB 1620.1. The period of the bar shall be as determined appropriate by the Contracting Officer subject to the provisions of NPD 1600.2 and NHB 1620.1. The Contracting Officer will notify the Contractor in writing, setting forth the name(s) of the affected employees(s) and the time period(s) of the bar(s). No action by the Government in barring any Contractor employee from the Glenn Research Center shall be the basis for any claim whatever by the Contractor under this contract, nor shall it excuse the Contractor from complying with any provision of this contract.

(e) ON-SITE STANDARDS OF CONDUCT

(1) The Contractor's entry onto the Center shall be pursuant to fulfilling its contractual obligations, and any related activities thereto. Contractor personnel gaining access to Glenn facilities are required to certify that they meet the minimum ethical standards for entry onto a Government facility. Falsification of this certification could lead to criminal prosecution.

(2) The Contractor agrees to comply, and agrees to require that all of its personnel will comply with all applicable Federal and State statutes and regulations, NASA policy and guidance documents, Glenn

policy and guidance documents, and other regulations pertaining to personal conduct while on-site. Any conduct prejudicial to the efficient operation of the Center shall be cause for removal from the Center.

(f) PROHIBITION OF FIREARMS. Firearms or weapons of any kind are strictly prohibited at the Glenn Research Center.

(g) SECURITY INCIDENTS. Theft of Property, Bomb threats, malicious damage and any other threat or violent situations shall be immediately reported to the Security Office.

(h) PROPERTY PASSES. A Contractor Property Pass (NASA Form C-702) is required for the removal of all Contractor owned property and equipment and must be presented to the gate guard upon exit. This form can be obtained from the COTR (or designee) or the Glenn employee responsible for the Contractor's presence at the Center. This form must contain a complete description of the material/equipment being removed and should be signed by the authorized Government employee. Material relating to a specific contract or purchase order must be identified by insertion of the appropriate contract/purchase order number on the pass by the COTR or designee.

(i) AFTER-HOUR ACCESS. During normal working hours, 7:00 a.m. to 5:30 p.m. Monday through Friday, the guards at the gates will permit your entrance and departure. At any other time (other than normal hours), advance clearance is required, and may be obtained through the Glenn/Plum Brook COTR or Inspector who will then make the request to the Main Gate Sergeant PABX 3-2204 at Glenn and 3-3221 at Plum Brook. After-hour clearances as approved by the COTR Inspector are certification to the guards as authority for admittance of a contractor during off hours, including Saturdays, Sundays, and Holidays.

(j) CONTRACTOR IDENTIFICATION. To avoid situations whereby the actions of onsite contractor employees can be construed as that of Government officials, the onsite contractor shall take the following actions:

(1) Ensure that employees properly display their badge at all times.

(2) Institute a policy whereby employees who, in their normal course of duties, answer telephone inquiries, participate in meetings with Government and other contractor personnel or deal with the general public appropriately identify themselves so their actions cannot be construed as that of Government officials.

(3) Institute a policy whereby business correspondence, including emails and memoranda, includes the name of the company in the signature line. Use company letterhead for internal company matters and letters/memos signed by company personnel.

(4) For onsite office space primarily occupied by company personnel, clearly indicate on the exterior of the office space the company name.

(End of clause)

49. OMBUDSMAN (NFS 1852.215-84) (OCT 2003) (ALTERNATE I) (JUN 2000)

(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,

Dr. Sunil Dutta

NASA Glenn Research Center

21000 Brookpark Road, Mail Stop 3-9

Cleveland, OH 44135-3191

Telephone: (216) 433-8844

FAX: (216) 433-2946

e-mail: Sunil.Dutta@grc.nasa.gov

Concerns, issues, disagreements, and recommendations which cannot be resolved at the installation may be referred to the NASA ombudsman, the Director of the Contract Management Division, at 202-358-0445, facsimile 202-358-3083, e-mail james.a.balinskas@nasa.gov. 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.

(c) If this is a task or delivery order contract, the ombudsman shall review complaints from contractors and ensure they are afforded a fair opportunity to be considered, consistent with the procedures of the contract.

(End of clause)

50. CLAUSES INCORPORATED BY REFERENCE (FAR 52.252-2) (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.

A. FEDERAL ACQUISITION REGULATION (48 CFR CHAPTER 1) CLAUSES

52.212-4 OCT 2003 CONTRACT TERMS AND CONDITIONS - COMMERCIAL ITEMS

B. OFFEROR REPRESENTATIONS AND CERTIFICATIONS - COMMERCIAL ITEMS INCORPORATED BY REFERENCE

FAR 52.212-3, "Offeror Representations and Certifications", as completed by the Contractor are hereby incorporated in their entirety by reference, with the same force and effect as if they were given in full text.

C. ADDENDA TO FAR 52.212-4

FEDERAL ACQUISITION REGULATION (48 CFR CHAPTER 1) CLAUSES

52.203-3 APR 1984 GRATUITIES
 52.215-21 OCT 1997 REQUIREMENTS FOR COST OR PRICING DATA OR INFORMATION OTHER THAN COST OR PRICING DATA -- MODIFICATIONS (ALTERNATE IV) (OCT 1997)

Insert (b) Provide information described below: A cost element breakdown, consistent with the offeror's standard accounting practices, that shall encompass all costs associated with the requirements of the proposed contract changes and shall comply with the applicable FAR and NASA FAR Supplement regulations and governing statutory requirements.

52.217-8 NOV 1999 OPTION TO EXTEND SERVICES
 Insert "seven (7) calendar days before the end of the contract term" in the blank.

52.219-9 JULY 2005 SMALL BUSINESS SUBCONTRACTING PLAN (ALTERNATE II) (OCT 2001)

52.222-1 FEB 1997 NOTICE TO THE GOVERNMENT OF LABOR DISPUTES

52.227-14 JUN 1987 RIGHTS IN DATA--GENERAL As modified by 1852.227-14 NASA FAR Supplement (OCT 1995)

52.227-19 JUN 1987 COMMERCIAL COMPUTER SOFTWARE - RESTRICTED RIGHTS As modified by 1852.227-19 (a) NASA FAR Supplement

52.232-17 JUN 1996 INTEREST

52.232-18 APR 1984 AVAILABILITY OF FUNDS
 52.233-4 OCT 2004 APPLICABLE LAW FOR BREACH OF CONTRACT CLAIM
 52.245-2 MAY 2004 GOVERNMENT PROPERTY (FIXED-PRICE CONTRACTS)
 52.247-34 NOV 1991 F.O.B. DESTINATION
 52.253-1 JAN 1991 COMPUTER GENERATED FORMS

NASA FAR SUPPLEMENT (48 CFR CHAPTER 18) CLAUSES

1852.203-70 JUN 2001 DISPLAY OF INSPECTOR GENERAL HOTLINE POSTERS
 1852.204-76 NOV 2004 SECURITY REQUIREMENTS FOR UNCLASSIFIED INFORMATION TECHNOLOGY RESOURCES
 Insert "within thirty (30) calendar days in paragraph (c).
 1852.208-81 NOV 2004 RESTRICTIONS ON PRINTING AND DUPLICATING
 1852.211-70 SEP 2005 PACKAGING, HANDLING, AND TRANSPORTATION
 1852.219-74 SEP 1990 USE OF RURAL AREA SMALL BUSINESSES
 1852.219-75 MAY 1999 SMALL BUSINESS SUBCONTRACTING REPORTING
 1852.219-76 JUL 1997 NASA 8 PERCENT GOAL
 1852.223-70 APR 2002 SAFETY AND HEALTH
 1852.223-73 NOV 2004 SAFETY AND HEALTH PLAN
 1852.223-75 FEB 2002 MAJOR BREACH OF SAFETY OR SECURITY (ALTERNATE I) (MAY 2006)
 1852.225-70 FEB 2000 EXPORT LICENSES
 1852.245-71 NOV 2004 INSTALLATION-ACCOUNTABLE GOVERNMENT PROPERTY
 Insert the following in paragraph (a):
 "See (1) NASA Procedures and Guidance (NPG) 4200.1 "NASA Equipment Management Manual", (2) NPG 4200.2 "NASA Equipment Management User's Guide for Property Custodians", (3) NPG 4300.1 "NASA Personal Property Disposal", and (4) NPG 4310.4 "Identification and Disposition of NASA Artifacts" for applicable user responsibilities."
 1852.245-77 JUL 1997 INSTALLATION-ACCOUNTABLE PROPERTY AND SERVICES
 Insert the following in paragraph (b) (1):
 "PBMA Software and Hardware Inventory", 6 pgs., dated 6/13/2006, attached hereto and made a part hereof.

(End of clause)

51. CONTRACT TERMS AND CONDITIONS REQUIRED TO IMPLEMENT STATUTES OR EXECUTIVE ORDERS-COMMERCIAL ITEMS (FAR 52.212-5) (APR 2006)

(a) The Contractor shall comply with the following Federal Acquisition Regulation (FAR) clauses, which are incorporated in this contract by reference, to implement provisions of law or Executive orders applicable to acquisitions of commercial items:

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

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

(b) The Contractor shall comply with the FAR clauses in this paragraph (b) that the Contracting Officer has indicated as being incorporated in this contract by reference to implement provisions of law or Executive orders applicable to acquisitions of commercial items:

 X (1) 52.203-6, Restrictions on Subcontractor Sales to the Government (JUL 1995), with Alternate I (OCT 1995) (41 U.S.C. 253g and 10 U.S.C. 2402).

 (2) 52.219-3, Notice of Total HUBZone Set-Aside (JAN 1999) (15 U.S.C. 657a).

 (3) 52.219-4, Notice of Price Evaluation Preference for HUBZone Small Business Concerns (JUL 2005) (if the offeror elects to waive the preference, it shall so indicate in its offer) (15 U.S.C. 657a).

 (5) (i) 52.219-6, Notice of Total Small Business Set-Aside (JUNE 2003) (15 U.S.C. 644).

 (ii) Alternate I (OCT 1995) of 52.219-6.

 (iii) Alternate II (MAR 2004) of 52.219-6.

 (6) (i) 52.219-7, Notice of Partial Small Business Set-Aside (JUNE 2003) (15 U.S.C. 644).

 (ii) Alternate I (OCT 1995) of 52.219-7.

 (iii) Alternate II (MAR 2004) of 52.219-7.

 X (7) 52.219-8, Utilization of Small Business Concerns (MAY 2004) (15 U.S.C. 637(d) (2) and (3)).

 (8) (i) 52.219-9, Small Business Subcontracting Plan (JUL 2005) (15 U.S.C. 637(d) (4)).

 (ii) Alternate I (OCT 2001) of 52.219-9.

 (iii) Alternate II (OCT 2001) of 52.219-9.

___ (9) 52.219-14, Limitations on Subcontracting (DEC 1996) (15 U.S.C. 637(a)(14)).

___ (10)(i) 52.219-23, Notice of Price Evaluation Adjustment for Small Disadvantaged Business Concerns (SEP 2005) (10 U.S.C. 2323) (if the offeror elects to waive the adjustment, it shall so indicate in its offer).

___ (ii) Alternate I (JUNE 2003) of 52.219-23.

___ (11) 52.219-25, Small Disadvantaged Business Participation Program-Disadvantaged Status and Reporting (OCT 1999) (Pub. L. 103-355, section 7102, and 10 U.S.C. 2323).

___ (12) 52.219-26, Small Disadvantaged Business Participation Program-Incentive Subcontracting (OCT 2000) (Pub. L. 103-355, section 7102, and 10 U.S.C. 2323).

___ (13) 52.219-27, Notice of Total Service-Disabled Veteran- Owned Small Business Set-Aside (MAY 2004).

X (14) 52.222-3, Convict Labor (JUNE 2003) (E.O. 11755).

X (15) 52.222-19, Child Labor--Cooperation with Authorities and Remedies (JAN 2006) (E.O. 13126).

X (16) 52.222-21, Prohibition of Segregated Facilities (FEB 1999).

X (17) 52.222-26, Equal Opportunity (APR 2002) (E.O. 11246).

X (18) 52.222-35, Equal Opportunity for Special Disabled Veterans, Veterans of the Vietnam Era, and Other Eligible Veterans (DEC 2001) (38 U.S.C. 4212).

X (19) 52.222-36, Affirmative Action for Workers with Disabilities (JUN 1998) (29 U.S.C. 793).

X (20) 52.222-37, Employment Reports on Special Disabled Veterans, Veterans of the Vietnam Era, and Other Eligible Veterans (DEC 2001) (38 U.S.C. 4212).

X (21) 52.222-39, Notification of Employee Rights Concerning Payment of Union Dues or Fees (DEC 2004) (E.O. 13201).

___ (22)(i) 52.223-9, Estimate of Percentage of Recovered Material Content for EPA-Designated Products (AUG 2000) (42 U.S.C. 6962(c)(3)(A)(ii)).

___ (ii) Alternate I (AUG 2000) of 52.223-9 (42 U.S.C. 6962(i)(2)(C)).

___ (23) 52.225-1, Buy American Act-Supplies (JUNE 2003) (41 U.S.C. 10a-10d).

___ (24) (i) 52.225-3, Buy American Act-Free Trade Agreements-Israeli Trade Act (JAN 2006) (41 U.S.C. 10a-10d, 19 U.S.C. 3301 note, 19 U.S.C. 2112 note, Pub. L. 108-77, 108-78, 108-286).

___ (ii) Alternate I (JAN 2004) of 52.225-3.

___ (iii) Alternate II (JAN 2004) of 52.225-3.

___ (25) 52.225-5, Trade Agreements (JAN 2006) (19 U.S.C. 2501, et seq., 19 U.S.C. 3301 note).

X (26) 52.225-13, Restrictions on Certain Foreign Purchases (FEB 2006) (E.o.s, proclamations, and statutes administered by the Office of Foreign Assets Control of the Department of the Treasury).

___ (27) 52.225-15, Sanctioned European Union Country End Products (FEB 2000) (E.O. 12849).

___ (28) 52.225-16, Sanctioned European Union Country Services (FEB 2000) (E.O. 12849).

___ (29) 52.232-29, Terms for Financing of Purchases of Commercial Items (FEB 2002) (41 U.S.C. 255(f), 10 U.S.C. 2307(f)).

___ (30) 52.232-30, Installment Payments for Commercial Items (OCT 1995) (41 U.S.C. 255(f), 10 U.S.C. 2307(f)).

___ (31) 52.232-33, Payment by Electronic Funds Transfer- Central Contractor Registration (OCT 2003) (31 U.S.C. 3332).

X (32) 52.232-34, Payment by Electronic Funds Transfer-Other than Central Contractor Registration (MAY 1999) (31 U.S.C. 3332).

___ (33) 52.232-36, Payment by Third Party (MAY 1999) (31 U.S.C. 3332).

X (34) 52.239-1, Privacy or Security Safeguards (AUG 1996) (5 U.S.C. 552a).

X (35) (i) 52.247-64, Preference for Privately Owned U.S.-Flag Commercial Vessels (FEB 2006) (46 U.S.C. Appx. 1241(b) and 10 U.S.C. 2631).

___ (ii) Alternate I (APR 2003) of 52.247-64.

(c) The Contractor shall comply with the FAR clauses in this paragraph (c), applicable to commercial services, that the Contracting Officer has indicated as being incorporated in this contract by reference to implement provisions of law or Executive orders applicable to acquisitions of commercial items:

___ (1) 52.222-41, Service Contract Act of 1965, as Amended (JUL 2005) (41 U.S.C. 351, et seq.).

___ (2) 52.222-42, Statement of Equivalent Rates for Federal Hires (MAY 1989) (29 U.S.C. 206 and 41 U.S.C. 351, et seq.).

___ (3) 52.222-43, Fair Labor Standards Act and Service Contract Act-Price Adjustment (Multiple Year and Option Contracts) (MAY 1989) (29 U.S.C. 206 and 41 U.S.C. 351, et seq.).

___ (4) 52.222-44, Fair Labor Standards Act and Service Contract Act-Price Adjustment (FEB 2002) (29 U.S.C. 206 and 41 U.S.C. 351, et seq.).

___ (5) 52.222-47, SCA Minimum Wages and Fringe Benefits Applicable to Successor Contract Pursuant to Predecessor Contractor Collective Bargaining Agreements (CBA) (MAY 1989) (41 U.S.C. 351, et seq.).

(d) Comptroller General Examination of Record. The Contractor shall comply with the provisions of this paragraph (d) if this contract was awarded using other than sealed bid, is in excess of the simplified acquisition threshold, and does not contain the clause at 52.215-2, Audit and Records-Negotiation.

(1) The Comptroller General of the United States, or an authorized representative of the Comptroller General, shall have access to and right to examine any of the Contractor's directly pertinent records involving transactions related to this contract.

(2) The Contractor shall make available at its offices at all reasonable times the records, materials, and other evidence for examination, audit, or reproduction, until 3 years after final payment under this contract or for any shorter period specified in FAR Subpart 4.7, Contractor Records Retention, of the other clauses of this contract. If this contract is completely or partially terminated, the records relating to the work terminated shall be made available for 3 years after any resulting final termination settlement. Records relating to appeals under the disputes clause or to litigation or the settlement of claims arising under or relating to this contract shall be made available until such appeals, litigation, or claims are finally resolved.

(3) As used in this clause, records include books, documents, accounting procedures and practices, and other data, regardless of type and regardless of form. This does not require the Contractor to create or maintain any record that the Contractor does not maintain in the ordinary course of business or pursuant to a provision of law.

(e) (1) Notwithstanding the requirements of the clauses in paragraphs (a), (b), (c), and (d) of this clause, the Contractor is not required to flow down any FAR clause, other than those in paragraphs (i) through (vii) of this paragraph in a subcontract for commercial items. Unless otherwise indicated below, the extent of the flow down shall be as required by the clause-

(i) 52.219-8, Utilization of Small Business Concerns (MAY 2004) (15 U.S.C. 637(d)(2) and (3)), in all subcontracts that offer further

subcontracting opportunities. If the subcontract (except subcontracts to small business concerns) exceeds \$500,000 (\$1,000,000 for construction of any public facility), the subcontractor must include 52.219-8 in lower tier subcontracts that offer subcontracting opportunities.

(ii) 52.222-26, Equal Opportunity (APR 2002) (E.O. 11246).

(iii) 52.222-35, Equal Opportunity for Special Disabled Veterans, Veterans of the Vietnam Era, and Other Eligible Veterans (DEC 2001) (38 U.S.C. 4212).

(iv) 52.222-36, Affirmative Action for Workers with Disabilities (JUNE 1998) (29 U.S.C. 793).

(v) 52.222-39, Notification of Employee Rights Concerning Payment of Union Dues or Fees (DEC 2004) (E.O. 13201).

(vi) 52.222-41, Service Contract Act of 1965, as Amended (JULY 2005), flow down required for all subcontracts subject to the Service Contract Act of 1965 (41 U.S.C. 351, et seq.).

(vii) 52.247-64, Preference for Privately Owned U.S.-Flag Commercial Vessels (FEB 2006) (46 U.S.C. Appx. 1241(b) and 10 U.S.C. 2631). Flow down required in accordance with paragraph (d) of FAR clause 52.247-64.

(2) While not required, the contractor may include in its subcontracts for commercial items a minimal number of additional clauses necessary to satisfy its contractual obligations.

(End of clause)

**52. SPECIFICATIONS/STATEMENT OF WORK - COMMERCIAL ITEM
(GRC 52.212-123) (AUG 1997)**

Background

In March 2001 NASA proceeded with the implementation of a governmental off-the-shelf (GOTS) web application developed for NASA by ARES Corporation. This web-based system was implemented for all NASA centers and was put in place to facilitate collaboration by providing a web-based capability to collect various types of information from disparate safety document repositories in use at the various centers within NASA. The new web-based Process Based Mission Assurance (PBMA) Knowledge Management System (KMS) employed a comprehensive collection of commercial off-the-shelf (COTS) products in addition to an overarching architecture. This collection of products now provides secure documentation storage, on-line work group collaboration; secure web-meeting, data collection/database management, and a directory with the capability for registering both contractor and civil servant experiences and disciplines.

Objective/Goals

The following are the goals for maintenance and support of the established PBMA-KMS program:

- Gain the greatest return on the investment made to date through increased proficiency of users and awareness of the benefits and capabilities of using knowledge management practices and the PBMA-KMS
- Provide readily available support that will enhance proficiency for all users
- Assure minimum levels of support are in place
- Assure that NASA has the appropriate level of support available, within the appropriate time, for all users in the identification of the integrated use of the PBMA -KMS with organizational, program specific or discipline specific needs for knowledge management
- Establish performance metrics to assure expected quality and support
- Allow the integration of disparate datasets with the analysis environments of workgroups
- Provide NASA with the appropriate level of direct control over the implementation of new functionality and the operations of the existing PBMA-KMS

Basic Services (only the Glenn Research Center (GRC) can place orders for these services)

CLIN #1: PBMA-KMS Standard System and Hosting Support

Line item description: The Contractor shall provide the hosting environment services for PBMA in accordance with NASA Procedures and Requirements (NPR) 2810.1, dated March 31, 2006, and NPR 1600.1, dated November 3, 2003-2009, incorporated herein by reference and made a part hereof. These services shall be provided for all environments required for PBMA-KMS operations: Production or live data environments, Demonstration environments, and Development environments. The Contractor shall provide or coordinate both physical and IT security in accordance with the above standards for items pertaining to this contract, as selected by NASA, and documented in the tasks associated with this line item. Tasks associated with this line item shall relate to implementation of mirrored websites, or hosting capabilities at the same location or other locations as designated by NASA, and services and support for the hosted environment(s) to maintain technology advancement or change in NASA requirements. Additional services with regard to help desk support may also be tasked. Tasks relating to trouble-shooting the application performance at NASA centers may be written against this line item. New hardware or software purchases to support system development and improvement shall also be covered.

CLIN #2: COTS Infrastructure Management

Line item description: The Contractor shall maintain the license agreements with supporting COTS providers. Tasks written against this line item shall support creation and maintenance of COTS provider agreements, evaluation and purchase of COTS software to support PBMA knowledge management objectives, and evaluation and purchase of hardware and software to support the PBMA infrastructure.

CLIN #3: PBMA Information and Content Management

Line item description: The Contractor shall maintain and develop the PBMA-KMS content and the PBMA-KMS information architecture connecting all content, COTS products, and databases/portals. The Contractor shall maintain all external Web links, perform quality assurance (QA), adhere to Section 508 of the Rehabilitation Act of 1973, incorporated herein by reference and made a part hereof, for all new content in the PBMA-KMS, maintain the Help and Frequently Asked Questions, meta-tag all content data, and perform alternative analysis on new COTS products and technologies in support of the PBMA-KMS. Collecting existing content, developing new content, defining new content initiatives, establishing partnerships with existing and forming organizations, and performing business process analysis on internal PBMA processes as well as external organizations will also be necessary to further the growth of the PBMA-KMS.

CLIN #4: Project Management/Project Support

Line item description: The Contractor shall provide project management support and coordination to the NASA PBMA Implementation Manager. Tasks relating to this line item will pertain to meeting support, reporting to NASA, preparation of documentation relating to overall project coordination, presentations relating to recommendations to NASA, system performance reporting, providing regular updates and documentation relating to application development, and schedules and status reports as tasked. Technical consultation on implementation strategies and "best practice" implementation of software, hardware, knowledge management, and systems shall also be written.

Additional Services (All NASA Centers including GRC and NASA Headquarters can place orders for these services after review and approval by the GRC PBMA COTR)

CLIN #5: Application Change Control Management

Line item description: The Contractor shall document changes, additions, and software development proposed to the PBMA for the NASA PBMA Implementation Manager. The NASA PBMA Implementation Manager shall be the final authority for implementation. Tasks relating to this line item shall cover support needed for development activities, requirements development, documentation, distribution of information

relating to the established program process for change or addition management and any changes to the current process necessitated by changes in NASA, or program requirements as dictated by NPRs.

CLIN #6: Technical, Training, Marketing, and Outreach Support

Line item description: The Contractor shall maintain and provide interactive technical support, online help, Frequently Asked Questions (FAQ's) available to all users of PBMA, training guide development support where required by NPRs, and online tutorials. The Contractor shall support regularly prescheduled site-based, SecureMeeting, or WebEx instructor-led user classes as required by NASA sites. The tasks associated with this contract line item shall relate to onsite or web-based training visits as requested by a NASA site (including NASA headquarters), NASA program, or the NASA PBMA Implementation Manager.

CLIN #7: Application Specific Development

Line item description: The Contractor shall provide support in response to documented improvements originating from the configuration and change control process. Tasks under this line item shall support the addition of NASA requested functionality (e.g., the implementation of desired or required automations or user-interface process improvements), business process analysis, historical data transfer, identified data migrations, data system networking, interfacing with other data repositories, and implementation of identified center-specific change requests and application additions.

CLIN #8: Data Mining, Data Transport, and Non-standard Query Support

Line item description: The Contractor shall support data mining and analysis requests from the NASA PBMA Implementation Manager. Tasks may include process and data dictionary development, migration script creation, manual migration services, and data mining tool assessment and application. In addition, secure real-time transfer may be negotiated in support of data mining, trending, and analysis.

CLIN #9: Additional Operations Support

Line item description: The Contractor shall accommodate requests for additional operational support relating to business processes in PBMA. Tasks may include electronic storage, accounts management, hosting support, reports and presentations, process analysis, temporary participation in or performance of functions relating to process analysis for the purpose of promoting understanding of said processes and supporting facilitation of operations in the PBMA architecture. Tasks maybe written against this contract line item supporting any of the above needs and including support for other defined costs such as rent, utilities, consumables, communications and minimal furnishings,

and training related to support of PBMA operations.

(End of clause)

**53. DOCUMENTS AND/OR PLANS INCORPORATED BY REFERENCE
(GRC 52.215-103) (AUG 2002)**

The following documents and/or plans are incorporated into this contract by reference and made a part hereof:

No. of Document/Plan	Date	Pages
ARES Small Business Subcontracting Plan	June , 2006	5
PBMA Site Specific Health and Safety Plan	May 26, 2006	10

(End of clause)

54. RIGHTS IN DATA (GRC 52.227-90) (JAN 1987)

(a) The data required by the Statement of Work, with the exception of any restricted computer software developed by the Contractor prior to the award of this contract, is defined as "unlimited rights data" in accordance with the "Rights in Data - General" clause of this contract.

(b) Any restricted computer software developed by the Contractor prior to the award of this contract and required to be delivered hereunder is subject to the "Commercial Computer Software - Restricted Rights" clause of this contract.

(End of clause)

PBMA Hardware and Software Inventory

All PBMA Infrastructure Hardware										
Name/Function	Parent System	Model	NASA Tag #	Service Tag or Serial #	Processor	RAM	Storage Capacity	Original Cost		
PBMA-ESWG Equipment										
Loadbalancer	PBMA-ESWG	Dell PowerEdge 2650	1621991	57HGW31	2.0 GHz Xeon	1 GB	2 / 36 GB Hard Drives	\$13,277		
Domain Controller	PBMA-ESWG	Dell PowerEdge 2550	2050631-ODIN	C19QK01	1 GHz P3	1 GB	3 / 18 GB Hard Drives	\$3,833		
Web Server 1	PBMA-ESWG	Dell PowerEdge 1750	1621900	B703J31	3.06 GHz Xeon	2 GB	2 / 36 GB Hard Drives	\$7,843		
Web Server 2	PBMA-ESWG	Dell PowerEdge 1750	1621899	9703J31	3.06 GHz Xeon	2 GB	2 / 36 GB Hard Drives	\$7,843		
File Server 1	PBMA-ESWG	Dell PowerEdge 2650	1621895	GD7YH31	2.8 GHz Xeon	1 GB	2 / 73 GB Hard Drives	\$8,813		
File Server 2	PBMA-ESWG	Dell PowerEdge 2650	1621897	DD7YH31	2.8 GHz Xeon	1 GB	2 / 73 GB Hard Drives	\$8,813		
File Storage	PBMA-ESWG	Dell PowerVault 220S	1621902	273CJ31			4 / 36GB Hard Drives 4 / 146GB Hard Drives	\$7,577		
Database Server 1	PBMA-ESWG	Dell PowerEdge 2650	1621894	JRJYH31	2.8 GHz Xeon	1 GB	2 / 73 GB Hard Drives	\$8,817		
Database Server 2	PBMA-ESWG	Dell PowerEdge 2650	1621896	1SJYH31	2.8 GHz Xeon	1 GB	2 / 73 GB Hard Drives	\$8,817		
Tape Library	PBMA-ESWG		3007264	FV5QK31			Up to 24 - 200/400 LTO2 tapes	\$9,861		

PBMA Hardware and Software Inventory

PBMA-SecureMeeting Equipment									
Name/Function	Parent System	Model	NASA Tag #	Service Tag or Serial #	Processor	RAM	Storage Capacity	Original Cost	
Meeting Appliance - NeoPBMA01	PBMA-SecureMeeting	Juniper (formally Neoteris) Access 3000 Appliance	2136239	SA30HVLCH0 F9K3SX				\$59,200	
Meeting Appliance - NeoPBMA02	PBMA-SecureMeeting	Juniper (formally Neoteris) Access 3000 Appliance	3008046 7790005300	SA30HLF9J0 M5A5XQ				\$25,000	
PBMA-KMS Equipment									
Domain Controller	PBMA-KMS	Dell PowerEdge 2550	2050630-ODIN	D19QK01	1 GHz P3	1 GB	2 / 18 GB Hard Drives	\$3,833	
Web Server 1	PBMA-KMS	Dell PowerEdge 1750	2519334	6CTSF51	3.2 GHz Xeon	4 GB	2 / 73 GB Hard Drives	\$4,150	
Web Server 2	PBMA-KMS	Dell PowerEdge 1750	2519335	1WX3361	3.06 GHz Xeon	4 GB	2 / 36 GB Hard Drives	\$3,572	
File Server 1	PBMA-KMS	Dell PowerEdge 4600	2135108-ODIN	HJB0G11	2 GHz Xeon	2 GB	2 / 36 GB Hard Drives 8 / 73 GB Hard Drives	\$13,547	
File Server 2	PBMA-KMS	Dell PowerEdge 4600	2135129-ODIN	9DY9F21	2 GHz Xeon	2 GB	4 / 36 GB Hard Drives 5 / 73 GB Hard Drives	\$18,662	
Database Server 1	PBMA-KMS	Dell PowerEdge 2650	2519336	G3L5361	3.06 GHz Xeon	1 GB	2 / 36 GB Hard Drives	\$4,668	
Database Server 2	PBMA-KMS	Dell PowerEdge 2650	2519337	44L5361	3.06 GHz Xeon	1 GB	2 / 36 GB Hard Drives	\$4,564	

PBMA Hardware and Software Inventory

PBMA-KMS Equipment										
Function	Parent System	Model	NASA Tag #	Service Tag or Serial #	Processor	RAM	Storage Capacity	Original Cost		
Middleware	PBMA-KMS	Dell PowerEdge 4600	2135045-ODIN	34NRC11	2 GHz Xeon	4 GB	2 / 18 GB Hard Drives 3 / 36 GB Hard Drives	\$13,351		
LDAP Server	PBMA-KMS	Dell PowerEdge 650	1621898-ODIN	JYMOJ31	3.06 GHz Xeon	512MB	3 / 36 GB Hard Drives	\$7,461		
Development	PBMA-KMS	Dell PowerEdge 4600	2135109-ODIN	5KB0G11	2 GHz Xeon	1 GB	2 / 18 GB Hard Drives 3 / 36 GB Hard Drives	\$13,547		
Demonstration	PBMA-KMS	Dell PowerEdge 4600	2135110-ODIN	6LB0G11	2 GHz Xeon	2 GB	2 / 18 GB Hard Drives 3 / 36 GB Hard Drives	\$13,547		
Tape Autoloader	PBMA-KMS	Dell PowerVault 122T	3008051	MX-0Y3407-71312-4B90909			Up to 8 - 200/400 MB LTO2 tapes	\$7,950		
Full-text Search Appliance	PBMA-KMS	Google Mini Appliance	3008052	00FEAE7A80				\$2,995		

PBMA Hardware and Software Inventory

Other Infrastructure Support Equipment										
Function	Parent System	Model	NASA Tag #	Service Tag or Serial #	Processor	RAM	Storage Capacity	Original Cost		
(3) Racks	All Infrastructure	Dell PowerEdge 4210	not taggable	N/A				\$1900 (per rack)		
Rack-mountable Flat Panel Console	All Infrastructure	Dell PowerEdge 15FP	3008047	42U-310-1791				\$2,100		
Rack-mountable Flat Panel Console	All Infrastructure	Dell PowerEdge 15FP	3008053	42U-310-5038				\$2,100		
Keyboard-Video-Mouse (KVM) Switch Console 1 x 8	All Infrastructure	Dell PowerEdge	not taggable	UNC04513				\$500		
Keyboard-Video-Mouse (KVM) Switch Console 1 x 8	All Infrastructure	Dell PowerEdge	not taggable	UNC13404				\$500		
Keyboard-Video-Mouse (KVM) Switch Console 1 x 8	All Infrastructure	Dell PowerEdge Cisco Catalyst 2900 Series Switch	not taggable	UNC13522				\$500		
PBMA/ESN Switch	All Infrastructure	Switch	not taggable	003083B4740				\$2,107		

PBMA Hardware and Software Inventory

Function	Parent System	Model	NASA Tag #	Service Tag or Serial #	Processor	RAM	Storage Capacity	Original Cost
8-port Gigabit Switch	All Infrastructure	Dell PowerConnect 2508	not taggable	CDB8S51				\$260
8-port Gigabit Switch	All Infrastructure	Dell PowerConnect 2508	not taggable	FJSJK31				\$260
8-port Gigabit Switch	All Infrastructure	Dell PowerConnect 2508	In process	3JSJK31				\$260
8-port Gigabit Switch	All Infrastructure	Dell PowerConnect 2508	not taggable	GJSJK31				\$260
16-port Gigabit Switch	All Infrastructure	Dell PowerConnect 2616	not taggable	BFB8S51				\$221
16-port Gigabit Switch	All Infrastructure	Dell PowerConnect 2616	not taggable	9FB8S51				\$221
Tape Drive - DLT	All Infrastructure	Dell PowerVault 110T	2519343----- 7790009092	PHD3D11616			Up to 1 - 100/200 MB LTO tape	\$1,100
Tape Drive - DLT	All Infrastructure	Dell PowerVault 110T	2519344	PHD7B38499			Up to 1 - 100/200 MB LTO tape	\$1,100
Tape Drive - DLT	All Infrastructure	Dell PowerVault 110T	2519345----- 7790009093	PHD2A03900 4			Up to 1 - 100/200 MB LTO tape	\$1,100
Tape Drive - LTO	All Infrastructure	Dell PowerVault 110T	2519338----- 7790008926	IE72C03077			Up to 1 - 100/200 MB DLT tape	\$1,600
Tape Drive - LTO	All Infrastructure	Dell PowerVault 110T	2519339----- 7790009094	IE72C06562			Up to 1 - 100/200 MB DLT tape	\$1,600

PBMA Hardware and Software Inventory

All PBMA Infrastructure Software			Original Cost
Quantity	Name	Function	
1	BIG-IP (High Availability) Kernel 4.5PTF-07 Build18	Loadbalancing software ----- not taggable	In the price of the PBMA-SSL Loadbalancer found on line 5 of this document.
1	CommunityZero Release 3.5.2.2	PBMA Enhanced Security Work Groups software ----- not taggable	\$80,000
2	Juniper IVE 5.3 Release1 (build 10197)	PBMA SecureMeeting software ----- not taggable	In the price of the PBMA SecureMeeting Appliances found on lines 18 and 19 of this document.