

Section SF 1449 - CONTINUATION SHEET

Preamble: The DoD Enterprise Software Agreement (ESA) Blanket Purchase Agreement (BPA) is established between the United States of America (the "Government") represented by the Contracting Officer, and the "vendor" or "Contractor" represented by CARAHSOFT TECHNOLOGY CORPORATION.

The BPA Contract number is HC1028-09-A-2004.

The Associated GSA Schedule is *GS-35F-0131R*.

The NAICS code is 541519.

The ceiling for the CARAHSOFT TECHNOLOGY CORPORATION BPA award is \$11,000,000.00.

Start Date of the BPA: 10 FEB 2009

End Date of the BPA: 09 FEB 2014

The Government estimates, but does not guarantee that the volume of delivery/call orders through this agreement will be at the maximum ceiling level specified with this award. The Government is obligated only to the extent of authorized delivery/call orders actually made under this BPA. The continued use of the BPA is contingent upon the Government determining that the BPA continues to provide "best value." The Contractor must maintain all product/service offerings of the BPA on the applicable GSA Schedule. BPA Call Orders may be issued during any of the contract years of this BPA. The performance period for each BPA call order will be specified in the order. For call orders issued during the final year of this BPA contract (or any subsequent 6-month option for continued service), the final contract year's pricing shall be used, and the BPA Contract shall continue to apply and govern the rights of the Contractor and the Government with respect to the order to the same extent as if the order had been completed prior to expiration of the BPA Contract.

AGREEMENT INFORMATION:

AGREEMENT CEILING AMOUNT	\$11,000,000.00
AGREEMENT PERIOD START DATE	10-FEB-2009
AGREEMENT PERIOD END DATE	09-FEB-2014

DOD ESA BPA

DoD ESA BPA HC1028-09-A-2004 to Carahsoft Technology Corporation (CTC)

**Blanket Purchase Agreement
DoD Enterprise Software Agreement (ESA)**

In the spirit of the Federal Acquisition Streamlining Act, the Department of Defense (DoD) and CARAHSOFT TECHNOLOGY CORPORATION enter into an agreement to further reduce the administrative costs of acquiring commercial items from the General Service Administration (GSA) Federal Supply Schedule (FSS) Contract *GS-35F-0131R*.

FSS Contract Blanket Purchase Agreements (BPAs) reduce contracting and open market costs such as: search for sources, the development of technical documents, solicitations, and the evaluation of bids and offers. This BPA will decrease costs, reduce paperwork, and save time by streamlining the fulfillment of Government requirements for Red Hat Solutions. The goal is to create a purchasing mechanism for the Government that works better and costs less.

The Enterprise Software Initiative (ESI) is a joint DoD project to develop and implement a DoD enterprise process.

This BPA is issued in the spirit of the policy and guidelines provided in the Defense Federal Acquisition Regulation Supplement (DFARS) Section 208.74.

Attachments to this agreement are:

- Attachment A** – Product and Price List (see Att A & A1 excel documents for Pricing information)
- Attachment B** – License Agreement
- Attachment C** – Report of Sales Format (Vendor to Report on delivery/call orders per BPA)
- Attachment D** – Fees and Payments (Vendor to Report on delivery/call orders per BPA)
- Attachment E** - Air Force Sales Transmittal Format (Vendor to Report on delivery/call orders per BPA)
- Attachment F** - Common Security Configuration Certificate (**Not Applicable per Vendor Response**)
- Attachment G** - DISA Sales Transmittal Format (Vendor to Report on delivery/call orders per BPA)

A. TERMS AND CONDITIONS

1. Pursuant to GSA FSS Contract Number *GS-35F-0131R*, *CARAHSOFT TECHNOLOGY CORPORATION* agrees to the following terms of a BPA with the Defense Information Technology Contracting Organization (DITCO). All orders placed against this BPA are subject to the terms and conditions of the FSS Contract. The items on this BPA are set forth in Attachment A as defined by *CARAHSOFT TECHNOLOGY CORPORATION*. License terms and conditions applicable to products acquired under this BPA are defined in the *CARAHSOFT TECHNOLOGY CORPORATION* License Agreement included as Attachment B. The Order of Precedence for resolving any inconsistency between the Commercial License and the GSA contract terms shall be as specified in the GSA contract's Commercial Item clause, FAR 52.212-4, and the provisions of FAR 52.212-4 specified in FAR 12.302, as required by Federal law, shall prevail over any terms of the commercial license.
2. **Extent of Obligation.** The NAICS code associated with this BPA is 541519. The Government established ceiling for the *CARAHSOFT TECHNOLOGY CORPORATION* BPA award is set at \$11,000,000.00. The Government estimates, but does not guarantee that the volume of delivery/call orders through this agreement will be at the level specified at award. The Government is obligated only to the extent of authorized delivery/call orders actually made under this BPA.
3. **Funds Obligation.** The BPA does not obligate any funds.
4. **BPA Term.** The period of performance (POP) is for a period of five (5) years (10 FEB 2009 - 9 FEB 2014). The BPA will be reviewed annually to ensure that it still represents a "best value". The BPA is contingent upon the Contractor maintaining products/services of the BPA on the applicable GSA Schedule.
5. **Pricing Terms.** Attachment A provides unit prices as explained below. Prices shall not escalate, and Attachment A is not subject to upward adjustment during the term of the BPA. Spot discounting is encouraged. The prices will be reviewed annually, or as required to determine whether a reduction is appropriate in accordance with the price reduction provisions of the agreement. A 2% Acquisition, Contracting, and Technical (ACT) Fee shall be included in the prices. The contractor shall be responsible for the payment of all fees that are included in the product pricing (i.e. GSA, ACT), as calculated on the customer orders, in accordance with Attachment D.
6. **Discount Terms and Conditions.** Volume pricing is based on attaining levels on a single delivery/call order. Discounts are based on a minimum quantity per order as outlined in Attachment A. This Attachment also provides a comparison between List Price, GSA Price and BPA Price for Year 1 of the BPA.
7. **Out-Year Prices.** See Attachment A and price guarantees of FAR 52.216.9201. The rate of discount the BPA price provides in the Base Year from GSA pricing shall serve as a base line for discounts applied to future years of the BPA. Discounts shall be the same or greater discount level when comparing GSA pricing with BPA pricing.

8. Price Reduction.

8.1 **Most Favored Customer Prices.** The prices under this BPA shall be at least as low as the prices that *CARAHSOFT TECHNOLOGY CORPORATION* has under any other contract instrument under like terms and conditions. If at any time the prices under any other contract instrument become lower than the prices in this BPA, this BPA will be modified to include the lower prices.

8.2 **SmartBUY Transition.** (Office of Management and Budget) OMB has announced the SmartBUY initiative to maximize cost savings and achieve best quality when acquiring software. The GSA is the designated Executive Agent for SmartBUY. The initiative will establish software enterprise licensing on a government-wide basis. If during the term of this BPA, *CARAHSOFT TECHNOLOGY CORPORATION* and its resellers enter into a government-wide agreement with the GSA under the SmartBUY Initiative, which includes pricing for the specific products or services under similar terms and conditions as those licensed by the DoD, neither *CARAHSOFT TECHNOLOGY CORPORATION* or its resellers will preclude the DoD from licensing products or purchasing services under a SmartBUY agreement.

9. **License Agreement.** Attachment B provides the License Agreement supplied by *CARAHSOFT TECHNOLOGY CORPORATION*. Notwithstanding any provision to the contrary, licenses are transferable within the authorized users as stated in paragraph B.2 [Example: Software licenses acquired under this BPA are subscriptions and are subject to the licensing provisions and the terms of the GSA Contract. A license may be hosted on the standard desktop and the same user's laptop (not to be used concurrently). Any delivery order issued hereunder will serve as proof of delivery order. Upon validation and receipt of software, customers will be provided an electronic version of the license agreement.] The following provisions will be included in a license addendum if the BPA is awarded to other than the software publisher:

9.1 **Functionality Replacement and Extended Support.** If the form, fit, or functionality contained in any licensed products acquired hereunder is substantially reduced or if the product is replaced, and/or , *CARAHSOFT TECHNOLOGY CORPORATION*, provides this same or substantially similar functionality as a separate or renamed product, then the DoD is entitled to license such software at no additional licenses or maintenance fees. However, throughout the term of this agreement, the contractor will provide support services for a period of one year.

9.2 **Rights of Survivorship of the Agreement.** This Agreement shall survive unto, *CARAHSOFT TECHNOLOGY CORPORATION*, its Successor, rights and assigns. The software and agreement terms and conditions as covered under this agreement shall survive this agreement notwithstanding the acquisition or merger of *CARAHSOFT TECHNOLOGY CORPORATION* by or with another entity. Any software name changes, re-packing or merger of similar products that carry forward the same or similar function of the software shall be supported with updates, upgrades and new releases under this agreement at no additional cost.

9.3 **Audits.** In lieu of any audit provisions in the license agreement, Licensee may perform an internal audit and will use its best efforts to keep full and accurate accounts that may be used to properly ascertain and verify numbers of licenses in use. Licensee may permit *CARAHSOFT TECHNOLOGY CORPORATION* to have access to Licensee records and computer systems and the right to audit such systems to insure software use is in accordance with its license terms. All vendor personnel must have appropriate security clearances to gain access to Licensee site or data.

10. **Media.** Media kit includes CDs and installation guide. Entitlements will be electronically delivered through a Red Hat Network (RHN) account to allow the end user set up at or before time of order placement.

11. Support and Maintenance.

11.1. **Support.** The Red Hat Network subscriptions offer up to 24x7 support with one-hour response. Options may include PREMIUM (24X7 phone support and web support), STANDARD (12X5 phone support and 24X7 web support), and BASIC (maintenance only, NO support) as outlined by *CARAHSOFT TECHNOLOGY*

CORPORATION in Attachment A. The software products under this BPA include installation/support for 365 days after product delivery. The Red Hat Open Source Assurance program is designed to protect customers developing and deploying open source solutions. The program features an Intellectual Property Warranty for Red Hat users. The Warranty is a promise by Red Hat to replace software if there is an intellectual property issue so that customers may continue to use the solution without interruption.

11.2. **Maintenance.** To facilitate customer maintenance cycles, bug fixes and enhancement errata for Red Hat (RH) errata are batched together into periodic "Updates". Security Errata are the only errata released independent of these Updates. To minimize the impact of Security Errata Red Hat has a policy of backporting security fixes whenever possible.

12. **Professional Services.** Services provided by RH through *CARAHSOFT TECHNOLOGY CORPORATION* may include installation and consulting from the complete Linux migration to focused, client-directed engineering and software customization.

13. **On-Site Training.** Not applicable.

14. **Technology Improvement.** The Government may solicit and the BPA holder is encouraged to propose independently, technology improvements to the BPA. Proposals shall be submitted by the BPA holder and include a description of the products and/or services, an electronic copy of the pricing tables, technical literature that describes the products and/or services, and evidence of inclusion on GSA schedule. Discounts shall be at the same or greater discount level as the original BPA product prices.

15. **Substitution and Technology Refreshment.** If at any time during the life of this BPA, the original manufacturer of the equipment (includes software, hardware and firmware) schedules the products for discontinuation, improvement and/or replacement, the BPA holder shall provide a proposal to include the new or revised products on the BPA under the appropriate line items. Proposed prices for new or revised products shall be constructed in accordance with paragraph 8 of this BPA for most favored prices. Discounts shall be at the same or greater discount level as the original BPA product prices. Proposals shall be submitted to the Contracting Officer within seven (7) days of the BPA holder's awareness of the Original Equipment Manufacturer's (OEM's) intent. Improvement of product includes new releases, updates, upgrades including additional features and functionality, and successor or upgrade products.

B. AUTHORIZED USERS AND POINTS OF CONTACT

1. **Authorized Users.** The BPA is open for ordering by all Department of Defense (DoD) Components. For the purposes of this agreement, a DoD component is defined as: the Office of the Secretary of Defense (OSD), the Military Departments, the Chairman of the Joint Chiefs of Staff, the Combatant Commands, the Inspector General of the Department of Defense (DoD IG), the Defense Agencies, the DoD Field Activities, the U. S. Coast Guard, NATO, the Intelligence Community and FMS with a Letter of Authorization. GSA or other applicable ordering organizations/agencies are authorized to place orders under this BPA on behalf of DoD end users and must comply with DFARS 208.7400. This BPA is also open to DoD Contractors authorized to order in accordance with the FAR Part 51.

2. **BPA Points of Contact:** The BPA Points of Contact are outlined below. Each delivery order issued against the BPA will contain Points of Contact reference information with the contacts of the delivery order [see DARS (DISA Acquisition Regulation Supplement) Clause 52.204-9000 (Aug 2005)].

a. Contracting Office:

Point of Contact
Defense Information Technology Contracting Organization (DITCO)/PL8321

2300 East Drive
Scott AFB IL 62225-5406

POC: Mary Ann Hall / Contracting Officer
Phone: (618) 229-9580 / DSN: 779-9580
Fax: (618) 229-9177
Email: maryann.hall@disa.mil

POC: Lauren O'Neill / Contract Specialist
Phone: (618) 229-9403 / DSN: 779-9403
Fax: (618) 229-9177
Email: Lauren.oneill@disa.mil

b. Software Product Manager (SPM):

SPM: Jonnice Medley
Phone: (703) 681-2091
FAX: (703) 681-2878
E-mail: jonnice.medley@disa.mil

c. Customer Point of Contact: (To be specified on each order)

d. Financial Management Office (FMO):

DITCO/CFE81
2300 East Drive
Scott AFB IL 62225-5406

FMO: Monica Hellmann
Phone: (618) 229-9280
Fax: (618) 229-9273
E-Mail: CFE811@disa.mil AND monica.hellmann@disa.mil

e. Vendor Point of Contact:

Carahsoft Technology Corp.
12366 Sunrise Valley Dr., Suite D2
Reston, VA 20191

Business Size: Small
TIN: 52-2189693
DUNS: 088365767
Cage: 1P3C5

Carahsoft Point of Contact:
Ellen Ford
Direct: 703.871.8513
FAX: 703.871.8505
Email: ellen.ford@carahsoft.com

Order Support Number: 703.871.8519
NET 30
Remit to address: Same as above

f. BPA Contracting Officer's Representative (COR):

Defense Information System Agency (DISA)/CI53
PO Box 4502
Arlington, VA 22204-4502

SPM: Jonnice Medley
Phone: (703) 681-2091/ DSN: 761-2091
Fax: (703) 681-2878
Email: jonnice.medley@disa.mil

C. ORDERING

1. DFARS Section 208.74 directs DoD software buyers and requiring officials to check the DoD ESI website for DoD inventory or an ESA before using another method of acquisition. These steps for the buyer are summarized from the DFARS:

- a. Check the Enterprise Agreement Summary Table to determine if software rights or related services have already been acquired and are available from DoD inventory. If they are available, then acquire the designated software from DoD inventory and reimburse the SPM.
- b. If the required software rights or related services are not available from inventory or from an ESA, then use an alternate method of acquisition, subject to laws and policy.
- c. If the required software rights or related services are not available from inventory but are available from an ESA, then review the terms and conditions and prices, in accordance with otherwise applicable source selection requirements. Per FAR 8.405-3(b)(2), where multiple BPAs are available, before placing an order exceeding the micro-purchase threshold, forward the requirement to the BPA holders with request for spot discounts and evaluate the responses received to determine which BPA holder represents the best value.
- d. If existing ESAs do not represent the best value to the Government for the software rights or related services, then seek a waiver from the SPM before continuing with alternative acquisition methods.

This BPA will be posted to the DoD ESI website as part of the ESI program. The web site can be viewed at <http://www.esi.mil>. The Government will also post this contract to the following sites:

<http://www.ditco.disa.mil/contracts/catalog.asp?cat=S>
<https://ascp.monmouth.army.mil/scp/esi/esiteam.jsp>

2. **Delivery Orders.** The scope of this effort is worldwide. Delivery requirements and administration will be stipulated on Delivery Orders. Ordering via this BPA is decentralized. Orders are prepared by a Government Ordering Officer (a duly warranted Contracting Officer whose warrant authorizes delivery orders from the GSA Schedule), in accordance with the terms and conditions of this BPA and the GSA Schedule. Orders may be placed by Electronic Data Interchange (EDI), purchase card, facsimile, on an authorized form such as a Standard Form (SF) 1449 or Department of Defense (DD) Form 1155.

a. Notice to Ordering Offices: When ordering services, ordering offices are responsible for compliance with GSA's Ordering Procedures for Services and DFARS 208.404-70.

b. Placement of Orders:

(1) **Request for Quotes (RFQ).** All requests for quotes shall be made in writing in an email attachment, through the on-line request for quotations, or via FAX. When providing vendor the RFQ, ask vendor to incorporate all available spot and volume discounts in their quote for the delivery call order. In this way, prices on delivery calls may reflect lower prices than the prices shown in Attachment A of this BPA.

To request a quote, contact the Vendor Point of Contact below:

CARASOFT TECHNOLOGY CORPORATION

Natalie Gregory

Direct 703.871.8513

FAX 703.871.8505

Email: natalie.gregory@carahsoft.com

or submit on-line through the following website: <http://www.RHESIBPA.CARASOFT.COM>

(2) Assisted Orders: The Contracting Officer that administers the BPA may, occasionally, issue the delivery order for a specific requirement as an extra service for an ESI customer. This is called an “assisted order” and it may be appropriate for an additional contracting service fee to be charged. When this is the case, it must be recognized that those contracting fees are not a part of the ESA.

3. **Users’ Ordering Guide.** The Contractor shall develop a Users’ Ordering Guide in coordination with the Government that will be posted to the Contractor web site and various Government sites. The Ordering Guide shall be submitted to the SPM and PCO within thirty (30) days of BPA award and made available on the Contractor’s home page upon written approval. This guide shall be continuously updated as required. The guide shall contain all information necessary for geographically dispersed activities to place orders, including, as a minimum:

- a. URL where a complete list of products available, with appropriate contract line item numbers (CLINs) and associated prices can be found
- b. Government and Contractor Points of Contact
- c. Description of the ordering process
- d. Program Terms and Conditions
- e. License Terms and Conditions
- f. Information such as CAGE, DUNS, TIN, Business Size, etc. necessary to complete a Contract Action Report (CAR) in the FPDS-NG system
- g. Range of quantity discounts
- h. Links to DoD ESI and the Government web sites

4. **E-Commerce Site.** It is the intention of the Government to use existing and future capability of the DoD Standard Procurement System, Electronic Data Interchange (EDI) capability, Government purchase card, and vendor electronic ordering capability to create a paper-less ordering, invoicing and payment process. During the term of the BPA, the Contractor shall participate to achieve this objective. This BPA will be posted to the DoD ESI website as part of the ESI program. The web site can be viewed at <http://www.esi.mil>. This BPA may also be loaded into the electronic catalog systems of other DoD agencies.

5. **Delivery Schedule.** Red Hat shall make available the RH entitlements via electronic download within one week of receipt of order. Media kits will be delivered within 7-10 business days of receipt of order.

6. **Delivery Notice.** Unless otherwise agreed to, all deliveries ordered under this BPA must be accompanied by a delivery notice, ticket or sales slips that must contain at a minimum the following information:

- a. Name of Contractor
- b. GSA Contract Number
- c. BPA Number
- d. Product Description/Model numbers

- e. Delivery order number
- f. Date of delivery/call order
- g. Quantity, unit price and extension of each item (unit prices need not be shown when incompatible with the use of automated systems; provided that the invoice is itemized to show the information)
- h. Date of shipment/delivery and/or Period of Performance (POP) as applicable
- i. NOTE: Copies of delivery orders are to be sent via email to the SPM office as electronic attachments.

7. **Suspension.** There may be occasions where the Government may suspend ordering (by CLIN up to and including the entire BPA.) If a suspension is announced, the Contractor shall adhere to this suspension by not accepting/processing delivery orders for the suspended item(s) or the entire BPA.

D. INVOICING AND PAYMENT

1. **Invoicing.** The requirements of a proper invoice are as specified below as required by FAR 52.212-4 in the Federal Supply Schedule contract. Full text of this clause can be found on the web at URL: <http://farsite.hill.af.mil/>. The contractor shall submit an electronic invoice to the address(es) specified on the delivery orders issued against the BPA. An invoice must include --

- a. Name and address of the Contractor;
- b. Invoice date and number;
- c. Contract number, contract line item number and, if applicable, the order number;
- d. Description, quantity, unit of measure, unit price and extended price of the items delivered and POP;
- e. Shipping number and date of shipment, including the bill of lading number and weight of shipment if shipped on Government bill of lading;
- f. Terms of any prompt payment discount offered;
- g. Name and address of official to whom payment is to be sent;
- h. Name, title, and phone number of the person to be notified in event of defective invoice;
- i. Taxpayer Identification Number (TIN). The Contractor shall include its TIN on the invoice only if required elsewhere in this contract; and
- j. Electronic funds transfer (EFT) banking information.

Invoices will be handled in accordance with the Prompt Payment Act (31 U.S.C. 3903) and OMB Circular A-125. Prompt Payment Contractors are encouraged to assign an identification number to each invoice.

2. **Fast Payment Procedure.** The provisions of FAR 52.213-1 FAST PAYMENT PROCEDURE (MAY 2006) are incorporated in this BPA by reference and pertain to purchase card delivery/call orders or other applicable order deliveries. Fast Payment procedures may be used when the conditions of FAR 13.402 are met and the delivery order authorizes Fast Payment. Full text of this clause can be found on the web at URL: <http://farsite.hill.af.mil/>.

3. **Precedence.** The terms and conditions included in this BPA apply to all delivery/call orders made pursuant to it. In the event of an inconsistency between the provisions of the BPA and the Contractor's invoice, the provisions of the BPA will take precedence.

E. BPA MANAGEMENT AND OVERSIGHT

1. **Management.** The Contractor must provide centralized administration, in the form of a Program Manager, in support of all work performed under this BPA. The Program Manager, at a minimum, is required to participate in periodic program management reviews (which may require travel to a Government named site). Additional functions would include customer service, periodic program management reviews, invoicing, payment and submission of monthly and quarterly reports. The Contractor shall ensure that all sales personnel are aware of the Enterprise Software Initiative Program and enforce the policy that this BPA is the preferred DoD procurement vehicle for the products within.

2. **Report of Sales.** Consistent with Clause C.22 of the GSA Schedule, a Report of Sales as described herein shall accompany the remittance of the ACT Fees to enable verification of the fee amounts rendered. Report of Sales shall be submitted by the Contractor to the SPM and the PCO in electronic format within fifteen (15) days following the completion of the monthly reporting period, or as otherwise requested by the SPM. The report shall be submitted in the standard format shown in Attachment C, and where applicable (Air Force Sales / DISA Sales) include an Air Force Sales Transmittal Letter or DISA Sales Transmittal Letter per the formats provided in Attachment E or Attachment G respectively. Negative reports are required. The SPM or PCO shall provide written approval of each report. At the end of each calendar quarter, the written approval provided to the contractor will be accompanied by a request to remit ACT fees. The SPM or PCO will provide copies of the Report of Sales on a quarterly basis to the DoD Components participating in fee sharing. If the BPA contains services, current ACT fee paid by Delivery Order and total ACT fees paid will be included in the report.

3. **United Nations Standard Products and Services Code.** The United Nations Standard Products and Services Code (UNSPSC) is a required field of the Report of Sales found in Attachment C. The UNSPSC code permits software asset management through a standard coding structure. The UNSPSC is a coding system used to classify both products and services for use throughout the global marketplace. The management and development of the UNSPSC Code is coordinated by GS1 US. The current version is available free as a download at <http://www.unspsc.org>.

4. **Records.** The Contractor shall maintain archival copies of all orders for the life of the BPA. Copies shall be made available to the Government upon request.

5. **Program Management Reviews (PMR).** The Contractor shall participate in regular reviews of the progress of the BPA. Reviews may be held at least twice yearly as scheduled by the Software Product Manager. During these reviews the Contractor shall report on among other things, status of BPA sales, marketing and any outstanding issues concerning the BPA. PMR agenda and presentation format shall be provided prior to each PMR. Travel expenses are the responsibility of the contractor.

6. **Sales Leakage.** The goals of the ESI Program can only be realized through cooperation between the Government and the Contractor to direct appropriate sales through the ESI vehicles. The Contractor shall ensure that all sales personnel are aware of the ESI Program and enforce the policy that this BPA is the preferred procurement vehicle for the products within. The Contractor shall also establish a process to regularly audit sales to Government buyers, determine where sales outside the ESI vehicle are occurring, and take appropriate action to direct further sales through the ESI vehicle. Results of these audits will be presented as an agenda item during PMRs.

7. **Marketing.** The Contractor shall dedicate reasonable resources to this effort and work to market and advertise this agreement. Desired actions include: advertising resultant vehicles on the contractor's Internet site and advertising the agreement at relevant trade shows, participation in DoD Component sponsored events and news media geared to Government/DoD IT people.

8. **Enterprise Integration Toolkit.** The Enterprise Integration Toolkit is a program developed by the Assistant Deputy Under Secretary of Defense (L&MR) Logistics Systems Management (LSM) to assist DoD Program Managers, Contracting Officers and members of the Integrated Project Team (IPT) in the acquisition and implementation of Commercial Off The Shelf (COTS) Business Systems software.

The Toolkit provides guidance, processes and tools to define program needs and determine how to best meet these needs through an external acquisition via a three-tiered Roadmap to guide the entire life-cycle from problem definition to solution roll-out. It provides a collection of best practice tools adopted from the commercial industry, and includes more than 100 best practice templates, guides, checklists, and samples.

Because the Toolkit is not vendor specific and may be applied across a variety of COTS software package implementations, including this BPA, the Contractor, shall be familiar with the Toolkit and include as part of the Marketing effort required above, a description of the Toolkit for their customers, and a link to the Enterprise Toolkit web site at: <http://www.eitoolkit.com>.

F. Standards.

1. **YEAR 2000 Compliance.** All products provided under this BPA shall be Y2K compliant as defined in FAR 39.002.
2. **DISR Compliance.** All products offered shall comply with appropriate standards enumerated in the DoD IT Standards Repository (DISR). The DISR is maintained by the DoD Executive Agent for IT Standards, and the mandated compendium can be obtained from Mr. Dave Brown 703-681-2645; dave.brown@disa.mil. The DoD IT standards management tool, DISRonline is available for use by CAC-equipped authorized parties and can be accessed for account requests at <https://disronline.disa.mil>.
3. **Common Security Configurations.** The provider of information technology shall certify applications are fully functional and operate correctly as intended on systems using the Federal Desktop Core Configuration (FDCC). This includes Internet Explorer 7 configured to operate on Windows XP and Vista (in Protected Mode on Vista). For the Windows XP settings, see: http://csrc.nist.gov/itsec/guidance_WinXP.html, and for the Windows Vista settings, see: http://csrc.nist.gov/itsec/guidance_vista.html. The standard installation, operation, maintenance, updates, and/or patching of software shall not alter the configuration settings from the approved FDCC configuration. The information technology should also use an installer service for installation to the default "program files" directory and should be able to silently install and uninstall. Applications designed for normal end users shall run in the standard user context without elevated system administration privileges. The Common Security Configuration Certification Format and Contractor response that such certification is not applicable for this BPA were submitted in Electronic Format to the SPM and the PCO in Government Microsoft Word format and are shown in Attachment F.
4. **Net-Centricity.** The Department of Defense is transforming the way information is managed to accelerate decision-making, improve joint warfighting and create intelligence advantages. To reach this "Net-Centric" state, DoD must exploit advancing technologies that move the enterprise from an application centric to a data-centric paradigm. DoD ESI vendor partners are encouraged to use the OSD NII DCIO Net-Centric Checklist, located at http://www.defenselink.mil/cio-nii/docs/NetCentric_Checklist_v2-1-3_.pdf, to provide information on the Net-Centric posture of their IT products and services.
5. **Section 508 of the Rehabilitation Act Compliance.** All products provided under this BPA must meet the applicable accessibility standards at 36 CFR Part 1194 as required by FAR Case 1999-607. General information regarding the Section 508 Act can be found at the web site www.section508.gov. The Contractor's Section 508 compliancy information can be found at <http://www.redhat.com/solutions/industries/government/accessibility/>. Ordering Offices may determine additional Section 508 standards apply to requirement acquisitions. See the attachment for the 508 Requirements.
6. **Additional Clauses.** Orders issued against this BPA are subject to the clauses included in the underlying GSA Schedule and the additional FAR and DFARS clauses listed below that are incorporated by reference in this BPA. Ordering Offices shall consider the requirements of DARS and any other agency supplements of the end user component, as it applies to commercial item acquisition and use of GSA schedules, in determining what additional clauses may be required for incorporation in the delivery order issued by the Ordering Office. The full text of a clause may be accessed electronically at these addresses:

<http://www.acq.osd.mil/dpap/dars/dfars/index.htm>

<http://acquisition.gov/comp/far/index.html>

<http://farsite.hill.af.mil/>

SECTION 508 Section 508
SECTION 508 REQUIREMENTS:

a. Section 508 of the Rehabilitation Act of 1973 (29 U.S.C. 794d) requires Federal agencies acquiring Electronic and Information Technology (EIT) to ensure that Federal employees with disabilities have access to and use of information and data that is comparable to the access and use by Federal employees who are not individuals with disabilities.

b. All EIT procured under this contract/order must meet the following 36 CFR 1194 accessibility standards. The full text of the accessibility standards is available at:

<http://www.accessboard.gov/sec508standards.htm>

Technical Standards

- 1194.21 - Software Applications and Operating Systems
- 1194.22 - Web Based Intranet and Internet Information and Applications
- 1194.23 - Telecommunications Products
- 1194.24 - Video and Multimedia
- 1194.25 - Self-Contained, Closed Products
- 1194.26 - Desktop and Portable Computers
- 1194.31 - Functional Performance Criteria
- 1194.41 - Information, Documentation and Support

Functional Standards

- 1194.31 - Functional Performance Criteria

c. The standards do not require the installation of specific accessibility-related software or the attachment of an assistive technology device(s), but merely require that the EIT be compatible with such software and device(s) so that it can be made accessible if so required in the future.

d. Contractors may propose products or services that result in substantially equivalent or greater access to and use by individuals with disabilities; this is known as equivalent facilitation.

ATT A - PRODUCT AND PRICE LIST

Attachment A

PRODUCT AND PRICE LIST

See Attached Excel & Word Documents below providing items of the BPA.

Att A & A1 provide Carahsoft BPA offerings of Red Hat items and support items for Red Hat Solutions respectively.



D:\Att A CTC.xls



D:\Att A1 CTC.xls

RED HAT PRODUCT GUIDE SUMMARY OUTLINE - INDEX

A. Server Operating Systems

1. Red Hat Enterprise Linux Advance Platform, and for IBM, VMware, Disaster Recovery
2. Red Hat Enterprise Linux Mainframe
3. Red Hat Enterprise Linux, and for IBM, VMware, Disaster Recovery
4. Red Hat Enterprise Linux Desktop

B. Red Hat HPC Solution

C. Infrastructure

1. Cluster Suite
2. Global File System

D. Systems Management

1. Red Hat Network Modules and for VMware: Management, Provisioning and Monitoring
2. Red Hat Network Satellite and Proxy Server

E. JBoss ON Network

F. Red Hat Developer Subscriptions

G. JBoss Enterprise Middleware

1. JBoss Enterprise Platform
2. [JBoss Enterprise SOA Platform](#)
3. [JBoss Enterprise Portal Platform](#)

H. JBoss Enterprise Frameworks

1. JBoss Hibernate
2. JBoss jBPM
3. JBoss Rules

I. Red Hat Enterprise IPA

J. Technical Account Manager

K. Consulting Services

RED HAT PRODUCT GUIDE SUMMARY OUTLINE - DETAILED

A. Server Operating Systems

1. Red Hat Enterprise Linux Advanced Platform Subscription Support: (Unlimited sockets)

- PREMIUM SUPPORT

- **STANDARD SUPPORT**
- **IBM POWER PREMIUM & STANDARD SUPPORT**
- **VMWARE PREMIUM & STANDARD SUPPORT**
- **DISASTER RECOVERY PREMIUM & STANDARD SUPPORT**

1. Red Hat Enterprise Linux Advance Platform v.5, IBM Power and zSeries Mainframe, VMWare and Disaster Recovery

Red Hat's premier server environment delivers additional capabilities over those provided in the base product by offering fully integrated server and storage virtualization and high availability clustering capabilities. It is ideal for multi-system deployments. For Corporate/enterprise applications, Databases, ERP, CRM, SOA, Grid deployments and dynamic & growing server environments. Ideal for blade/rack server consolidation and high availability configurations.

Features Summary

- Unlimited virtualized guests. Multiple operating systems, multiple versions, multiple performance and security settings, all running on the same server.
- Storage virtualization. Allows multiple guests, running on the same or different servers, to access and share logical storage volumes and file systems. Storage virtualization allows customers to reap the full benefits of server virtualization.
- High Availability Clustering & Failover. Provides application and guest operating system failover.
- Architecture support for virtualization. Supported at product release: x86, x86-64; Technology preview at product release: Itanium2
- Virtualized guest hardware requirements
 - Red Hat Enterprise Linux 4.5 and 5: None (x86 systems must support PAE)
 - Red Hat Enterprise Linux 3 and third party operating systems: requires hardware virtualization technology, as provided by AMD-V or Intel VT processors.
- Covered under the Open Source Assurance program

Supported Architectures

- Intel & AMD x86/x86-64
- Intel Itanium2
- IBM POWER

Example Server Environments

- Standalone server
- Large SMP "scale-up" server
- Blade server
- High availability cluster server
- Rack server
- Fault tolerant server
- HPC "scale-out" server
- Mainframe server

Example Applications	Benefits
File/Print server	Provides file and print serving services to Microsoft Windows clients, with Active Directory integration and new support for nested groups. Provides print and file service services for Unix environments, with NFSv4 and Auto FS support, including authenticated binds and shared maps.
Web server	The Red Hat Enterprise Linux Apache-based http server provides high performance, excellent security, and a comprehensive set of optional plug-ins.
Application server	Apache Tomcat servlet container, included in Red Hat Enterprise Linux, is the reference implementation, powering large-scale, mission critical web applications.
Database server	Choose from the MySQL and PostgreSQL open source databases included in Red Hat Enterprise Linux or a third party product from vendors such as Ingres [®] , Sybase [®] and Oracle [®] .
Network infrastructure server	Red Hat Enterprise Linux provides a full complement of network services applications,

including DHCP, DNS, firewall, etc.

Reference: MNF Part # correspond with BPA price schedule

Red Hat Enterprise Linux Advanced Platform v5.	
MNF PART NUMBER	PRODUCT NAME
PREMIUM SUPPORT	
MCT0983	Red Hat Enterprise Linux Advanced Platform, Premium Support Subscription - 1 year
MCT0983F3	Red Hat Enterprise Linux Advanced Platform, Premium Support Subscription - 3 year
MCT0983RN	Renewal Red Hat Enterprise Linux Advanced Platform, Premium Support Subscription - 1 year
MCT0983F3RN	Renewal Red Hat Enterprise Linux Advanced Platform, Premium Support Subscription - 3 year
STANDARD SUPPORT	
MCT0982	Red Hat Enterprise Linux Advanced Platform, Standard Support Subscription - 1 year of
MCT0982F3	Red Hat Enterprise Linux Advanced Platform, Standard Support Subscription - 3 year
MCT0982RN	Renewal Red Hat Enterprise Linux Advanced Platform, Standard Support Subscription - 1 year
MCT0982F3RN	Renewal Red Hat Enterprise Linux Advanced Platform, Standard Support Subscription - 3 year
IBM POWER PREMIUM SUPPORT	
MCT0985	Red Hat Enterprise Linux Advanced Platform for IBM POWER, Premium Support Subscription - 1 year
MCT0985F3	Red Hat Enterprise Linux Advanced Platform for IBM POWER, Premium Support Subscription - 3 year
MCT0985RN	Renewal Red Hat Enterprise Linux Advanced Platform for IBM POWER, Premium Support Subscription - 1 year
MCT0985F3RN	Renewal Red Hat Enterprise Linux Advanced Platform for IBM POWER, Premium Support Subscription - 3 year
IBM POWER STANDARDSUPPORT	
MCT0984	Red Hat Enterprise Linux Advanced Platform for IBM POWER, Standard Support Subscription - 1 year
MCT0984F3	Red Hat Enterprise Linux Advanced Platform for IBM POWER, Standard Support Subscription - 3 year
MCT0984RN	Renewal Red Hat Enterprise Linux Advanced Platform for IBM POWER, Standard Support Subscription - 1 year
MCT0984F3RN	Renewal Red Hat Enterprise Linux Advanced Platform for IBM POWER, Standard Support Subscription - 3 year
Advanced Platform for VMware Subscription	
VMware PREMIUM SUPPORT	
MCT0987	Red Hat Enterprise Linux Advanced Platform for VMware, Premium (unlimited sockets) 1 year

MCT0987F3	Red Hat Enterprise Linux Advanced Platform for VMware, Premium (unlimited sockets) 3 year
MCT0987RN	Renewal Red Hat Enterprise Linux Advanced Platform for VMware, Premium (unlimited sockets) 1 year
MCT0987F3RN	Renewal Red Hat Enterprise Linux Advanced Platform for VMware, Premium (unlimited sockets) 3 year
VMware STANDARD SUPPORT	
MCT0986	Red Hat Enterprise Linux Advanced Platform for VMware, Standard (unlimited sockets) 1 year
MCT0986F3	Red Hat Enterprise Linux Advanced Platform for VMware, Standard (unlimited sockets) - 3 Year
MCT0986RN	Renewal Red Hat Enterprise Linux Advanced Platform for VMware, Standard (unlimited sockets) 1 year
MCT0986F3RN	Renewal Red Hat Enterprise Linux Advanced Platform for VMware, Standard (unlimited sockets) - 3 year
Advanced Platform for Disaster Recovery Subscription	
PREMIUM SUPPORT	
MCT1578	Red Hat Enterprise Linux Advanced Platform for Disaster Recovery, Premium
MCT1578RN	Red Hat Enterprise Linux Advanced Platform for Disaster Recovery, Premium
MCT1578F3	Red Hat Enterprise Linux Advanced Platform for Disaster Recovery, Premium
MCT1578F3RN	Red Hat Enterprise Linux Advanced Platform for Disaster Recovery, Premium
STANDARD SUPPORT	
MCT1577	Red Hat Enterprise Linux Advanced Platform for Disaster Recovery, Standard
MCT1577RN	Red Hat Enterprise Linux Advanced Platform for Disaster Recovery, Standard
MCT1577F3	Red Hat Enterprise Linux Advanced Platform for Disaster Recovery, Standard
MCT1577F3RN	Red Hat Enterprise Linux Advanced Platform for Disaster Recovery, Standard

2. Red Hat Enterprise Linux for Mainframe Computing Subscription Support

- **PREMIUM SUPPORT**
- **STANDARD SUPPORT**

Reference: MNF Part # correspond with BPA price schedule

Red Hat Enterprise Linux Mainframe IBM eServer zSeries and IBM S/390 Premium (1 IFL) 1 and 3 year	
MNF PART NUMBER	PRODUCT NAME
PREMIUM SUPPORT	
MCT0344	Red Hat Enterprise Linux Premium for IBM eServer zSeries, S/390, 1 year

MCT0344F3	Red Hat Enterprise Linux Premium for IBM eServer zSeries, S/390, 3 year
MCT0344RN	Renewal - Red Hat Enterprise Linux Premium for IBM eServer zSeries, S/390, 1 year (1 IFL)
MCT0344F3RN	Renewal - Red Hat Enterprise Linux Premium for IBM eServer zSeries, S/390, 3 year (1 IFL)
STANDARD SUPPORT	
MCT0343	Red Hat Enterprise Linux Standard for IBM eServer zSeries, S/390, 1 year
MCT0343F3	Red Hat Enterprise Linux Standard for IBM eServer zSeries, S/390, 3 year
MCT0343RN	Renewal - Red Hat Enterprise Linux Standard for IBM eServer zSeries, S/390, 1 year
MCT0343F3RN	Renewal - Red Hat Enterprise Linux Standard for IBM eServer zSeries, S/390, 3 year

Overview

Red Hat Enterprise Linux AS subscriptions with Standard and Premium support are available for System z and s/390 systems on a per processor basis. With a System z Red Hat Enterprise Linux subscription an unlimited number of Enterprise Linux images can be run per processor. Typically this processor will be referred to as an IFL, or Integrated Facility for Linux. If one IFL is used, one subscription is required. If two IFLs are used, two subscriptions are required, etc. A System z subscription provides an allocation of Red Hat Enterprise Linux entitlements and each includes the Red Hat Network Update module (link) so that software updates and security errata can be received per image. Note that the choice to logically partition and IFL does not affect the price of a subscription. IBM s/390 subscriptions include the ability to run and support up to 1000 Enterprise Linux AS instances/images per subscription, per engine.

Support Option	Support Hours and Response Times
	North America: 9-9 ET M-F, Global: 9-5 GMT/CET M-F
Standard (1-year phone/web)	4 Hours Business Phone 2 Business Days Web/Email Unlimited incidents 1 year Red Hat Network * 24x7 Coverage
Premium (1-year phone/web)	1 Hour Phone 1 Business Day Web/Email Unlimited incidents 1 year Red Hat Network *

3. Red Hat Enterprise Linux (Up to 2 sockets)

- PREMIUM SUPPORT
- STANDARD SUPPORT
- BASIC SUPPORT
- IBM POWER PREMIUM, STANDARD & BASIC SUPPORT
- VMWARE PREMIUM, STANDARD & BASIC SUPPORT
- DISASTER RECOVERY PREMIUM & STANDARD SUPPORT

Reference: MNF Part # correspond with BPA price schedule

Red Hat Enterprise Linux v5.	
MNF PART NUMBER	PRODUCT NAME
PREMIUM SUPPORT	
MCT0798	Red Hat Enterprise Linux (1-2 sockets), Premium Support Subscription - 1 year

MCT0798F3	Red Hat Enterprise Linux (1-2 sockets), Premium Support 1-4 Subscriptions - 3 year
MCT0798RN	(Renewal) Red Hat Enterprise Linux (1-2 sockets), Premium Support Subscription - 1 year
MCT0798F3RN	(Renewal) Red Hat Enterprise Linux (1-2 sockets), Premium Support 1-4 Subscriptions - 3 year
STANDARD SUPPORT	
MCT0346	Red Hat Enterprise Linux (1-2 sockets), Standard Support Subscription - 1 year
MCT0346F3	Red Hat Enterprise Linux (1-2 sockets), Standard Support Subscription - 3 year
MCT0346RN	(Renewal) Red Hat Enterprise Linux (1-2 sockets), Standard Support Subscription - 1 year
MCT0346F3RN	(Renewal) Red Hat Enterprise Linux (1-2 sockets), Standard Support Subscription - 3 year
BASIC SUPPORT	
MCT0988	Red Hat Enterprise Linux (1-2 sockets), Basic Support Subscription - 1 year
MCT0988F3	Red Hat Enterprise Linux (1-2 sockets), Basic Support Subscription - 1 year
MCT0988RN	(Renewal) Red Hat Enterprise Linux (1-2 sockets), Basic Support Subscription - 1 year
MCT0988F3RN	(Renewal) Red Hat Enterprise Linux (1-2 sockets), Basic Support Subscription - 3 year
IBM POWER PREMIUM SUPPORT	
MCT0991	Red Hat Enterprise Linux Server FOR IBM POWER (1-2 sockets), Premium Support Subscription - 1 year
MCT0991F3	Red Hat Enterprise Linux Server FOR IBM POWER (1-2 sockets), Premium Support Subscription - 3 year
MCT0991RN	Renewal Red Hat Enterprise Linux Server FOR IBM POWER (1-2 sockets), Premium Support Subscription - 1 year
MCT0991F3RN	Renewal Red Hat Enterprise Linux Server FOR IBM POWER (1-2 sockets), Premium Support Subscription - 3 year
IBM POWER STANDARD SUPPORT	
MCT0990	Red Hat Enterprise Linux Server FOR IBM POWER (1-2 sockets), Standard Support Subscription - 1 year
MCT0990F3	Red Hat Enterprise Linux Server FOR IBM POWER (1-2 sockets), Standard Support Subscription - 3 year
MCT0990RN	Renewal Red Hat Enterprise Linux Server FOR IBM POWER (1-2 sockets), Standard Support Subscription - 1 year
MCT0990F3RN	Renewal Red Hat Enterprise Linux Server FOR IBM POWER (1-2 sockets), Standard Support Subscription - 3 year
IBM POWER BASIC SUPPORT	
MCT0989	Red Hat Enterprise Linux Server FOR IBM POWER (1-2 sockets), Basic Support Subscription - 1 year
MCT0989F3	Red Hat Enterprise Linux Server FOR IBM POWER (1-2 sockets), Basic Support Subscription - 3 year

MCT0989RN	Renewal Red Hat Enterprise Linux Server FOR IBM POWER (1-2 sockets), Basic Support Subscription - 1 year
MCT0989F3RN	Renewal Red Hat Enterprise Linux Server FOR IBM POWER (1-2 sockets), Basic Support Subscription - 3 year
VMWARE PREMIUM SUPPORT	
MCT0994	Red Hat Enterprise Linux for VMware, Premium (up to 2 sockets)- 1 year subscription
MCT0994F3	Red Hat Enterprise Linux for VMware, Premium (up to 2 sockets)- 3 year subscription
MCT0994RN	Renewal Red Hat Enterprise Linux for VMware, Premium (up to 2 sockets)- 1 year subscription
MCT0994F3RN	Renewal Red Hat Enterprise Linux for VMware, Premium (up to 2 sockets)- 3 year subscription
VMWARE STANDARD SUPPORT	
MCT0993	Red Hat Enterprise Linux for VMware, Standard (up to 2 sockets)- 1 year subscription
MCT0993F3	Red Hat Enterprise Linux for VMware, Standard (up to 2 sockets)- 3 year subscription
MCT0993RN	Renewal Red Hat Enterprise Linux for VMware, Standard (up to 2 sockets)- 1 year subscription
MCT0993F3RN	Renewal Red Hat Enterprise Linux for VMware, Standard (up to 2 sockets)- 3 year subscription
VMWARE BASIC SUPPORT	
MCT0992	Red Hat Enterprise Linux for VMware, Basic (up to 2 sockets)- 1 year subscription
MCT0992F3	Red Hat Enterprise Linux for VMware, Basic (up to 2 sockets)- 3 year subscription
MCT0992RN	(Renewal) Red Hat Enterprise Linux for VMware, Basic (up to 2 sockets)
MCT0992F3RN	(Renewal) Red Hat Enterprise Linux for VMware, Basic (up to 2 sockets)
Red Hat Enterprise Linux Disaster Recovery	
PREMIUM SUPPORT	
MCT1576	Red Hat Enterprise Linux for Disaster Recovery, Premium (up to 2 sockets)
MCT1576RN	Red Hat Enterprise Linux for Disaster Recovery, Premium (up to 2 sockets)
MCT1576F3	Red Hat Enterprise Linux for Disaster Recovery, Premium (up to 2 sockets)
MCT1576F3RN	Red Hat Enterprise Linux for Disaster Recovery, Premium (up to 2 sockets)
STANDARD SUPPORT	
MCT1575	Red Hat Enterprise Linux for Disaster Recovery, Standard (up to 2 sockets)
MCT1575RN	Red Hat Enterprise Linux for Disaster Recovery, Standard (up to 2 sockets)
MCT1575F3	Red Hat Enterprise Linux for Disaster Recovery, Standard (up to 2 sockets)
MCT1575F3RN	Red Hat Enterprise Linux for Disaster Recovery, Standard (up to 2 sockets)
BASIC SUPPORT	
MCT1574	Red Hat Enterprise Linux for Disaster Recovery, Basic (up to 2 sockets)

MCT1574RN	Red Hat Enterprise Linux for Disaster Recovery, Basic (up to 2 sockets)
MCT1574F3	Red Hat Enterprise Linux for Disaster Recovery, Basic (up to 2 sockets)
MCT1574F3RN	Red Hat Enterprise Linux for Disaster Recovery, Basic (up to 2 sockets)

Red Hat Enterprise Linux - The base server is designed for small server deployments, includes a comprehensive suite of open source server applications and virtualization capabilities. Ideal for a wide range of entry-level and departmental workloads such as network, file, print, mail, and web servers.

Supported Architectures

- Intel & AMD x86/x86-64
- Intel Itanium2
- IBM POWER
- IBM System z & S/390

Support Option

Support Hours and Response Times

Basic
(Web support)

North America: 9-9 ET M-F, Global: 9-5 GMT/CET M-F

Web-based comprehensive support
2 Business Days Web/Email
Red Hat Network Update *
North America: 9-9 ET M-F, Global: 9-5 GMT/CET M-F

Standard
(Phone/web support)

1 hour critical incident response (4 hour normal)
Unlimited incidents
Red Hat Network Update *
24x7 Coverage

Premium
(Phone/web support)

1 hour critical incident response (4 hour normal)
Unlimited incidents
Red Hat Network Update *

(for x86, AMD64 & Intel Itanium)(for x86, AMD64 & Intel Itanium)Small Business Bundle Small Business Bundle
with Red Hat Enterprise Linux AS Premium Subscription

Security

- Security Enhanced Linux (SELinux) enabled
- Provides the highest level of out-of-the box security in the industry
- Greatly simplified security administration

Virtualization

- Support for up to 4 virtualized environments
- Reduced costs through server consolidation
- Flexible resource Management
- Improved application availability and response
- Easy comprehensive management

File System and Storage

- Scalable file system support with Ext3 up to 16TB
- NFS and Samba support
- Fibre Channel and iSCSI SAN support (including multi-pathing for speed and fault redundancy)
- Advanced Volume Management (LVM2) with encryption, striping, mirroring and file system expansion

- Easy upgrade and transition from small, non-virtualized systems to larger configurations (contains single system guest versions of Logical Volume Manager (LVM), Global File System (GFS) and Distributed Lock Management (DLM) making it easier to maintain a consistent file system and logical volume configuration)

UNIX Interoperability

- Direct Map Support - providing compatibility with Unix environments
- Lazy-mount and un mount - greatly reduces the number of simultaneous mounts on client systems, thereby allowing efficient deployment in large NFS infrastructures
- Maps can be shared with Sun Solaris, HP/UX, IBM AIX, and other Unix systems
- Authenticated binds with LDAP servers using Kerberos, Digest-MD5, etc.
- Significant NFSv4 enhancements in performance, stability and, with SecureNFS, security and server-side delegation

4. Red Hat Enterprise Linux Desktop

- Basic Subscription
- Multi-OS with Basic Subscription
- Workstation with Basic Subscription
- Workstation and Multi-OS with Basic Subscription
- Workstation with Standard Subscription
- Workstation and Multi-OS with Standard Subscription

Reference: MNF Part # correspond with BPA price schedule

4. Red Hat Enterprise Linux Desktop v.5 with Multi OS, and Workstation	
MNF PART NUMBER	PRODUCT NAME
BASIC SUPPORT	
MCT0995	Red Hat Enterprise Linux Desktop, Basic Support Subscription - 1 year of RHN maintenance, web support only
MCT0995F3	Red Hat Enterprise Linux Desktop, Basic Support Subscription - 3 year of RHN maintenance, web support only
MCT0995RN	Renewal Red Hat Enterprise Linux Desktop, Basic Support Subscription - 1 year of RHN maintenance, web support only
MCT0995F3RN	Renewal Red Hat Enterprise Linux Desktop, Basic Support Subscription - 3 year of RHN maintenance, web support only
DESKTOP MULTI OS BASIC SUPPORT	
MCT0996	Red Hat Enterprise Linux Desktop with Multi-OS, Basic Support Subscription - 1 year of RHN maintenance, web support only
MCT0996F3	Red Hat Enterprise Linux Desktop with Multi-OS, Basic Support Subscription - 3 year of RHN maintenance, web support only
MCT0996RN	Renewal Red Hat Enterprise Linux Desktop with Multi-OS, Basic Support Subscription - 1 year of RHN maintenance, web support only
MCT0996F3RN	Renewal Red Hat Enterprise Linux Desktop with Multi-OS, Basic Support Subscription - 3 year of RHN maintenance, web support only
WORKSTATION OPTION BASIC	
MCT0997	Red Hat Enterprise Linux Desktop with Workstation Option, Basic Support Subscription - 1 year of RHN maintenance, web support only
MCT0997F3	Red Hat Enterprise Linux Desktop with Workstation Option, Basic Support Subscription - 3 year of RHN maintenance, web support only

MCT0997RN	Renewal Red Hat Enterprise Linux Desktop with Workstation Option, Basic Support Subscription - 1 year of RHN maintenance, web support only
MCT0997F3RN	Renewal Red Hat Enterprise Linux Desktop with Workstation Option, Basic Support Subscription - 3 year of RHN maintenance, web support only
WORKSTATION AND MULT OS BASIC SUPPORT	
MCT1025	Red Hat Enterprise Linux Desktop with Workstation and Multi-OS Options, Basic Support Subscription - 1 year of RHN maintenance, web support only
MCT1025F3	Red Hat Enterprise Linux Desktop with Workstation and Multi-OS Options, Basic Support Subscription - 3 year of RHN maintenance, web support only
MCT1025RN	Renewal Red Hat Enterprise Linux Desktop with Workstation and Multi-OS Options, Basic Support Subscription - 1 year of RHN maintenance, web support only
MCT1025F3RN	Renewal Red Hat Enterprise Linux Desktop with Workstation and Multi-OS Options, Basic Support Subscription - 3 year of RHN maintenance, web support only
DESKTOP WORKSTATION STANDARD SUPPORT	
MCT0352	Red Hat Enterprise Linux Desktop with Workstation Option, Standard Support Subscription - 1 year of RHN maintenance, 12-5 technical support
MCT0352F3	Red Hat Enterprise Linux Desktop with Workstation Option, Standard Support Subscription - 3 year of RHN maintenance, 12-5 technical support
MCT0352RN	Renewal Red Hat Enterprise Linux Desktop with Workstation Option, Standard Support Subscription - 1 year of RHN maintenance, 12-5 technical support
MCT0352F3RN	Renewal Red Hat Enterprise Linux Desktop with Workstation Option, Standard Support Subscription - 3 year of RHN maintenance, 12-5 technical support
WORKSTATION MULTI OS STANDARD	
MCT1026	Red Hat Enterprise Linux Desktop with Workstation and Multi-OS Options, Standard Support Subscription - 1 year of RHN maintenance, 12-5 telephone Support
MCT1026F3	Red Hat Enterprise Linux Desktop with Workstation and Multi-OS Options, Standard Support Subscription - 3 year of RHN maintenance, 12-5 telephone Support
MCT1026RN	Renewal Red Hat Enterprise Linux Desktop with Workstation and Multi-OS Options, Standard Support Subscription - 1 year of RHN maintenance, 12-5 telephone Support
MCT1026F3RN	Renewal Red Hat Enterprise Linux Desktop with Workstation and Multi-OS Options, Standard Support Subscription - 3 year of RHN maintenance, 12-5 telephone Support

Red Hat Desktop features (general)

- Download ISOs: OS, source, and documentation ISO images
- Includes Red Hat Network Management and Provisioning modules
- Product Updates and Upgrades
- Optional installation and documentation media (CDs and DVDs)
- Supports X86 32-bit and 64-bit systems
- Includes full suite of desktop and personal productivity applications
- Supported by leading ISV applications
- Certified on leading OEM hardware
- Covered under the Open Source Assurance program

Support Option

Support Hours and Response Times

	North America: 9-9 ET M-F, Global: 9-5 GMT/CET M-F
Basic (Web support)	<p>Web-based comprehensive support *</p> <p>2 business day response</p> <p>Unlimited incidents</p> <p>Red Hat Network Update **</p> <p>North America: 9-9 ET M-F, Global: 9-5 GMT/CET M-F</p>
Standard (Phone/web support)	<p>1 hour critical incident response (4 hour normal)</p> <p>Unlimited incidents</p> <p>Red Hat Network Update **</p> <p>North America: 9-9 ET M-F, Global: 9-5 GMT/CET M-F</p>
Help Desk Escalation subscription (requires 50 systems minimum)	<p>Web-based and phone-based comprehensive support *</p> <p>12x5 phone support</p> <p>1 hour critical incident response (4 hour normal)</p> <p>Unlimited incidents</p> <p>Red Hat Network Update **</p> <p>Two Help Desk contacts for 50 desktops, increasing with volume (refer to SLA for details)</p>

Functionality Improvements

- The latest application updates
- Improved developer tools and network management
- Upgraded support options for laptop, peripherals, and printing

Usability Improvements

- Modernized look and feel
- Easier to use interface
- Improved internationalization and localization

Management Improvements

- Simple, rapidly-deployable system administration
- Ability to easily manage complex, geographically dispersed desktop deployments from a single console
- Enhanced Stateless Linux
- Single sign-on, and more control with user profile management

Security

- A layered defense approach to defend your system against external and internal attacks - from application, to chipset, to kernel-level security

Additional benefits with Multi-OS Option

- virtualization for up to 4 virtualized guest environments

Additional benefits with Workstation Option

- Full suite of Red hat Enterprise Linux Server applications
- Designed for work group environments, ideal for Design Engineering, CAD/CAM

B. Red Hat HPC Solution

Reference: MNF Part # correspond with BPA price schedule

B. Red Hat Enterprise Linux for HPC Compute Nodes v.5	
MNF PART NUMBER	PRODUCT NAME
MCT0980	Red Hat Enterprise Linux HPC Compute Node (1-2 Sockets), 1 year
MCT0980F3	Red Hat Enterprise Linux HPC Compute Node (1-2 Sockets), 3 year
MCT0980RN	(Renewal) Red Hat Enterprise Linux HPC Compute Node (1-2 Sockets), 1 year
MCT0980F3RN	(Renewal) Red Hat Enterprise Linux HPC Compute Node (1-2 Sockets), 3 year
MCT0981	Red Hat Enterprise Linux HPC Compute Node (4+ Sockets), 1 year
MCT0981F3	Red Hat Enterprise Linux HPC Compute Node (4+ Sockets), 3 year
MCT0981RN	(Renewal) Red Hat Enterprise Linux HPC Compute Node (4+ Sockets), 1 year
MCT0981F3RN	(Renewal)Red Hat Enterprise Linux HPC Compute Node (4+ Sockets), 3 year
BASIC SUPPORT	
MCT1568	Red Hat HPC Solution (up to 4 sockets)- Basic- 1 Year
MCT1568F3	Red Hat HPC Solution (up to 4 sockets)- Basic- 3 Year
MCT1568RN	(Renewal)Red Hat HPC Solution (up to 4 sockets)- Basic- 1 Year
MCT1568F3RN	(Renewal)Red Hat HPC Solution (up to 4 sockets)- Basic- 3 Year
STANDARD SUPPORT	
MCT1569	Red Hat HPC Solution (up to 4 sockets)- Standard- 1 Year
MCT1569F3	Red Hat HPC Solution (up to 4 sockets)- Standard – 3 Years
MCT1569RN	(Renewal)Red Hat HPC Solution (up to 4 sockets)- Standard- 1 Year
MCT1569F3RN	(Renewal)Red Hat HPC Solution (up to 4 sockets)- Standard – 3 Years
PREMIUM SUPPORT	
MCT1570	Red Hat HPC Solution (up to 4 sockets) Premium – 1 Year
MCT1570F3	Red Hat HPC Solution (up to 4 sockets) Premium- 3 Year
MCT1570RN	(Renewal)Red Hat HPC Solution (up to 4 sockets) Premium – 1 Year
MCT1570F3RN	(Renewal)Red Hat HPC Solution (up to 4 sockets) Premium- 3 Year

The Red Hat HPC Solution is a low-cost, end-to-end software stack for high performance computing. It provides all the tools needed to deploy, run, and manage an HPC cluster in one easy to install package. It is designed to power departmental clusters running industry-standard x86 64-bit hardware.

The Red Hat HPC Solution combines the technology from two industry leaders in the HPC market - Red Hat and Platform Computing. It integrates the powerful cluster software framework of Platform Open Cluster Stack 5 with the world-class performance, security, and stability of the Red Hat Enterprise Linux operating system.

This complete solution provides everything needed to get started with high performance computing: the operating system, device drivers, simple cluster installer, cluster management tools, resource and application monitor, interconnect support and a powerful job scheduler - Platform Lava.

A critical component for the daily operation of a high performance computing cluster is the job scheduler. Platform Lava is an entry-level job scheduler that provides an easy-to-use interface for commercial-grade job execution, management and accounting.

With the Red Hat HPC Solution, making changes to the cluster is a snap. With its elegant and powerful node group and repository manager you can deploy new updates, patches, and software packaged as kits, or re-image new nodes in minutes with no interruption in uptime. Managing four hundred nodes requires as little effort as managing four nodes.

***The Red Hat HPC Solution
Everything needed to deploy, manage, and run an HPC cluster***

The 10 components needed for a complete HPC software stack	Included with Red Hat HPC Solution
1) Operating System	X
2) Cluster deployment tools	X
3) Node and cluster monitoring tools	X
4) Network and node file system	X
5) Message passing libraries	X
6) Application workload manager	X
7) Certification tools	X
8) Performance benchmarking tools	X
9) Support for high-speed interconnects	X
10) Development tools	X

C. Infrastructure Products

1. RED HAT CLUSTER SUITE

Reference: MNF Part # correspond with BPA price schedule

1. Cluster Suite

MNF PART NUMBER	PRODUCT NAME
MCT0367	Red Hat Cluster Suite, 1 year subscription
MCT0367F3	Red Hat Cluster Suite, 3 year subscription
MCT0367RN	(Renewal) Red Hat Cluster Suite, 1 year subscription
MCT0367F3RN	(Renewal)Red Hat Cluster Suite, 3 year subscription

Low-cost high availability for enterprise applications

For applications that require maximum uptime, a Red Hat Enterprise Linux cluster with Red Hat Cluster Suite is the answer. Specifically designed for Red Hat Enterprise Linux, Red Hat Cluster Suite provides two distinct types of clustering:

- Application/Service Failover - Create n-node server clusters for failover of key applications and services
- IP Load Balancing - Load balance incoming IP network requests across a farm of servers

With Red Hat Cluster Suite, applications can be deployed in high availability configurations so that they are always operational—bringing "scale-out" capabilities to enterprise Linux deployments. For high-volume open source applications, such as NFS, Samba, and Apache, Red Hat Cluster Suite provides a complete ready-to-use failover solution. For most other applications, customers can create custom failover scripts using provided templates. Red Hat Professional Services can provide custom Red Hat Cluster Suite deployment services where required.

Support

Red Hat Cluster Suite is supported for use with Red Hat Enterprise Linux on x86-compatible, AMD64/EM64T, Itanium and POWER* systems.

It includes a one year, annually renewable subscription to the following technologies and services: access Red Hat Network for one subscribed system, and access to enterprise support at the same level provided by the underlying Red Hat Enterprise Linux subscription.

One Red Hat Cluster Suite license is required for each node in the cluster configuration.

All new customers require a minimum of 2 nodes (\$998) for deploying HA (High Availability) cluster. Existing customers can purchase incremental of single nodes online and will need to provide existing reg code at the time of registration for support.

- LPARs are NOT supported.

Red Hat Cluster Suite Benefits

- Scalable performance and high availability at low cost
- Enhanced security by enabling failover protection
- Server redundancy, including application failover and server clustering
- Storage redundancy, including RAID and I/O multi pathing
- Network redundancy
- Power system redundancy

2. RED HAT GLOBAL FILE SYSTEM

Reference: MNF Part # correspond with BPA price schedule

2. Global File System

MNF PART NUMBER	PRODUCT NAME
MCT0456	Red Hat Global File System (GFS) 1 node, 1 year subscription
MCT0456F3	Red Hat Global File System (GFS) 1 node, 3 year subscription
MCT0456RN	(Renewal) Red Hat Global File System (GFS) 1 node, 1 year subscription
MCT0456F3RN	(Renewal) Red Hat Global File System (GFS) 1 node, 3 year subscription

Red Hat GFS allows a cluster of Linux servers to share data in a common pool of storage, allowing you to:

- Greatly simplify your data infrastructure:
 - Install and patch applications once, for the entire cluster
 - Reduce the need for redundant copies of data
 - Simplify back-up and disaster recovery tasks
- Maximize use of storage resources and minimize your storage costs:
 - Manage your storage capacity as a whole vs. by partition
 - Decrease your overall storage needs by reducing data duplication
- Scale clusters seamlessly, adding storage or servers on the fly:
 - No more partitioning storage with complicated techniques
 - Add servers simply by mounting them to the common file system
- Achieve maximum application uptime:
 - Red Hat Cluster Suite is included with Red Hat GFS

All new customers require a minimum of 2 nodes for deploying clusters. Existing customers can purchase incremental of single nodes online and are required to include existing reg code numbers at the time of registering for support.

Support

Red Hat Global File System supports IA-32, IA-64, and AMD Opteron processors.

It includes a one year, annually renewable subscription to the following technologies and services: access Red Hat Network for one subscribed system, and access to enterprise support at the same level provided by the underlying Red Hat Enterprise Linux subscription.

Red Hat Global File System Benefits

- Servers write to a single shared file system, reducing cost and complexity of managing redundant data copies
- No-single-point-of-failure enhances security and stability
- Integrated with Red Hat Enterprise Linux Servers and Cluster Suite
- Simplified software updates and management
- Makes cluster computing workloads serving (file, web, email etc.) easier to manage with higher throughput

D. Systems Management

1. Red Hat Network Modules and RHN Modules for VMware: Management, Provisioning and Monitoring

Reference: MNF Part # correspond with BPA price schedule

1. Red Hat Network Modules Subscription and RHN Module for VMware - MANAGEMENT	
MNF PART NUMBER	PRODUCT NAME
MCT0141US	RHN Management Entitlement, 1 year term
MCT0141F3	RHN Management Entitlement, 3 year term
MCT0141USRN	RHN Management Entitlement, 1 year term
MCT0141F3RN	RHN Management Entitlement, 3 year term
MCT1080	Red Hat Network Management Module for VMWare (10 guests)
MCT1080RN	Red Hat Network Management Module for VMWare (10 guests)
MCT1080F3	Red Hat Network Management Module for VMWare (10 guests)
MCT1080F3RN	Red Hat Network Management Module for VMWare (10 guests)
MCT1079	Red Hat Network Management Module for VMWare (4 guests)
MCT1079RN	Red Hat Network Management Module for VMWare (4 guests)
MCT1079F3	Red Hat Network Management Module for VMWare (4 guests)
MCT1079F3RN	Red Hat Network Management Module for VMWare (4 guests)
2. Red Hat Network Modules Subscription and RHN Module for VMWare - PROVISIONING	
MCT0422	RHN Provisioning Entitlement (requires RHN Management Entitlements), 1 year term
MCT0422F3	RHN Provisioning Entitlement (requires RHN Management Entitlements), 3 year term
MCT0422RN	RHN Provisioning Entitlement (requires RHN Management Entitlements), 1 year term

MCT0422F3RN	RHN Provisioning Entitlement (requires RHN Management Entitlements), 3 year term
MCT1082	Red Hat Network Provisioning Module for VMWare (10 guests)
MCT1082RN	Red Hat Network Provisioning Module for VMWare (10 guests)
MCT1082F3	Red Hat Network Provisioning Module for VMWare (10 guests)
MCT1082F3RN	Red Hat Network Provisioning Module for VMWare (10 guests)
MCT1081	Red Hat Network Provisioning Module for VMWare (4 guests)
MCT1081RN	Red Hat Network Provisioning Module for VMWare (4 guests)
MCT1081F3	Red Hat Network Provisioning Module for VMWare (4 guests)
MCT1081F3RN	Red Hat Network Provisioning Module for VMWare (4 guests)
3. Red Hat Network Modules Subscription - MONITORING	
MCT0829	RHN Monitoring Entitlement (requires RHN Management Entitlements), 1 year term
MCT0829F3	RHN Monitoring Entitlement (requires RHN Management Entitlements), 3 year term
MCT0829RN	(Renewal) RHN Monitoring Entitlement (requires RHN Management Entitlements), 1 year term
MCT0829F3RN	(Renewal) RHN Monitoring Entitlement (requires RHN Management Entitlements), 3 year term
4. Red Hat Network Modules Subscription - MANAGEMENT AND PROVISIONING	
MCT0421	RHN Management and Provisioning Entitlements, 1 year term
MCT0421F3	RHN Management and Provisioning Entitlements, 3 year term
MCT0421RN	(Renewal) RHN Management and Provisioning Entitlements, 1 year term
MCT0421F3RN	(Renewal) RHN Management and Provisioning Entitlements, 3 year term
5. Red Hat Network Modules Subscription - PROVISIONING AND MONITORING	
MCT0965	RHN Monitoring and Provisioning Entitlements, 1 year term
MCT0965F3	RHN Monitoring and Provisioning Entitlements, 3 year term
MCT0965RN	(Renewal) RHN Monitoring and Provisioning Entitlements, 1 year term
MCT0965F3RN	(Renewal) RHN Monitoring and Provisioning Entitlements, 3 year term
6. Red Hat Network Modules Subscription - MANAGEMENT, PROVISIONING AND MONITORING	
MCT0830	RHN Management, Provisioning and Monitoring Entitlements, 1 year term
MCT0830F3	RHN Management, Provisioning and Monitoring Entitlements, 3 year term
MCT0830RN	(Renewal) RHN Management, Provisioning and Monitoring Entitlements, 1 year term
MCT0830F3RN	(Renewal) RHN Management, Provisioning and Monitoring Entitlements, 3 year term

The Management Module allows for increased management capabilities and scalability of Linux deployments in your enterprise. The Management Module features all the functionality needed to help your IT organization lower costs and increase productivity immediately.

Functionality

The Management Module comes with the following functionality:

- Systems grouping
- Systems permissions
- Scheduled actions
- System search
- Package profile comparison tools

***Note:** Modules can only be used with an existing Red Hat Enterprise Linux subscription. If you do not have a Red Hat Enterprise Linux subscription, please purchase one before you subscribe for this feature.*

Management Module Benefits

- Manage a group of systems as easily as a single system
- Assign permissions for managing different groups or roles
- Schedule updates to occur during maintenance windows
- Search systems based on packaged, system information
- Compare package profiles between systems to spot differences

Red Hat Network Provisioning Module

Provisioning Module Benefits

- Provision existing or bare metal systems using predetermined profiles or system cloning
- Improve consistency by using RHN to manage and deploy configuration files
- Undo problematic changes with snapshots and rollback
- Use Provisioning to deploy Enterprise Linux, other applications, and customized configuration files
- Kick start writer lets you quickly create templates used for provisioning
- Issue remote commands to perform additional pre and post install instructions

The Provisioning Module allows you to:

- Manage the complete life cycle of your Linux infrastructure.
- Deploy, configure, manage, update, and then re-deploy your Linux systems, all from a single GUI console complete with all the necessary enterprise functionality and controls.

Functionality

- Bare metal provisioning
- Existing state provisioning
- Multi-state rollback (includes snapshot based recovery)
- Configuration management
- RPM based application provisioning
- Kick start configuration writer

***Note:** Modules can only be used with an existing Red Hat Enterprise Linux subscription and a Management Module. If you do not have a Red Hat Enterprise Linux subscription and Management Module, please purchase them before you subscribe for this feature.*

Red Hat Network Monitoring Module

The Monitoring Module allows you to:

- Track the performance of your Enterprise Linux systems.
- Receive alerts regarding system performance, allowing you to take action before problems arise.

The Monitoring module requires that the system also have a Management module. In addition, you must have a Satellite Server to store the Monitoring data.

Monitoring Module Benefits

- Monitor systems using dozens of pre-built probes for Enterprise Linux systems and popular applications from Oracle®, MySQL®, Apache®, and BEA®.
- Create custom probes for applications not included in the pre-built probe set.
- Configure warning and critical thresholds for each probe.
- Receive email or pager alerts when thresholds are reached.
- Group probes together into Probe Suites for fast deployment.
- View graphs of probe performance over time.

2. Red Hat Network Satellite

Reference: MNF Part # correspond with BPA price schedule

2. Red Hat Network Satellite and Proxy Server	
MNF PART NUMBER	PRODUCT NAME
MCT0370	Red Hat Network Satellite Server, 1 year term
MCT0370F3	Red Hat Network Satellite Server, 3 year term
MCT0370RN	(Renewal) Red Hat Network Satellite Server, 1 year term
MCT0370F3RN	(Renewal) Red Hat Network Satellite Server, 3 year term
MCT0369	Red Hat Network Proxy Server, 1 year term
MCT0369F3	Red Hat Network Proxy Server, 3 year term
MCT0369RN	(Renewal) Red Hat Network Proxy Server, 1 year term
MCT0369F3RN	(Renewal) Red Hat Network Proxy Server, 3 year term

- Automate repetitive administrative tasks
- Improve the performance of your applications
- Scale your IT resources as your organization grows
- Standardize your deployment process for efficiency and consistency
- Make your technology more responsive to business needs

Red Hat Network Satellite is an easy-to-use systems management platform for your growing Linux infrastructure. Built on open standards, RHN Satellite provides powerful systems administration capabilities such as management, provisioning and monitoring for large deployments. Satellite allows you to manage many servers as easily as you would one.

Red Hat Network (RHN) is a systems management platform that makes Linux deployable, scalable, and manageable. Red Hat Network provides administrators with the tools to efficiently manage their systems lowering per-system, deployment, and management costs. Red Hat Network offers superior security by having a single centralized tool, secure connection policies for remote administration, and secure content. Use Red Hat Network to ensure security fixes and configuration files are applied across your environment consistently.

- One-click software updates in an easy to use interface
- Role-based administration
- Flexible delivery architectures- Satellite, Proxy, Hosted
- Group systems together for easier administration
- Automate formerly manual tasks
- Manage the complete life cycle of your Linux infrastructure
- Track the performance of your Linux systems

Release of Red Hat Network 5.1 with improved administrative capabilities, new platform support, and easier Satellite maintenance. Multi-organization support is a new feature that allows you to support multiple departments or organizations on a single satellite, autonomously. Enhanced API capabilities now allow you to integrate and automate more administrative activities with your custom scripts. We've added support for running Satellite on x86 64-bit (Intel/AMD) and IBM Z390/x platforms.

- Multi-Organization Support
- API Call enhancements
- Satellite support for x86 64-bit platform (Intel/AMD)
- Satellite support for z390/x platform (IBM)
- Bare metal provisioning to Power PC (PPC) platform
- Apache 2.0 support for Satellite and Proxy on RHEL4
- Exporter tool for moving RHN configuration information
- Web user Interface (UI) enhancements

E. JBoss ON Network

Reference: MNF Part # correspond with BPA price schedule

E. JBoss ON Network

MNF PART NUMBER	PRODUCT NAME
MCT1171	JBoss ON Monitoring (for up to 32 CPUs)
MCT1171RN	Renewal - JBoss ON Monitoring (for up to 32 CPUs)
MCT1170	JBoss ON Monitoring (4CPUs)
MCT1170RN	Renewal - JBoss ON Monitoring (4CPUs)
MCT1169	JBoss Operation Network Subscription
MCT1169RN	Renewal - JBoss Operation Network Subscription

An integrated management platform that simplifies the development, testing, deployment and monitoring of your JBoss Enterprise Middleware. From the JBoss Operations Network console you can inventory resources from the operating system to applications. Control and audit your application configurations to standardize deployments. Manage, monitor and tune your applications for improved visibility, performance and availability.

WHAT DOES IT DO?

With your JBoss ON management server and agents, users gain centralized control of their JBoss Enterprise Application Platform and JBoss Enterprise SOA Platform environments. By providing the ability to auto-discover resources from the operating system to deployed applications helps users understand what they really have. Operations are enabled by being able to automate tedious and repetitive tasks. The JBoss platform can be kept up to-date via connections to the JBoss Customer Service Portal, so users are ensured of having the latest patches available and easily deployed. Finally, JBoss ON allows you to make sure everything is running smoothly with your deployed applications and underlying JBoss infrastructure.

WHY SHOULD I CARE?

The application management life cycle can be difficult to manage. JBoss ON allows you to manage an enterprise application environment easily. Consistent application deployment and configuration results in a more secure environment with better performance. Check your application's health and generate diagnostic and historical data that can drive improvements or help resolve technical issues. And JBoss ON has open standards support and plug-in framework, so your application management platform is extensible, customizable, and future-proofed. JBoss ON delivers operational dependability and manageability along with the reduced cost of open source.

OVERVIEW

With JBoss ON's centralized (server-agent) design, you can coordinate the many stages of the application life cycle and expose a cohesive view of your middleware components through complex environments. User will also improve operational efficiency and reliability with transparent views into production availability and performance. Effectively manage configuration and roll-out of new applications across complex environments with a single, integrated tool. JBoss ON allows businesses to inventory, administer, deploy, and update JBoss-based middleware applications from a single console. Enterprise access control offers the necessary levels of visibility, access, and auditing to maintain systems and share vital information and statistics. A customizable portal quickly delivers critical information to the right audiences. JBoss ON's monitoring solution has advanced monitoring capabilities for the JBoss platforms, related operating systems, and web-tier resources. You can identify and predict issues before your customers tell you about them and pinpoint the exact cause for the issue more quickly and accurately. All in all, you can minimize downtime and the associated costs. Users can also perform control actions such as starting, stopping, or re-starting applications Or servers — all through the same console.

F. Red Hat Developer Subscriptions

Reference: MNF Part # correspond with BPA price schedule

F. Red Hat Developer Subscription	
MNF PART NUMBER	PRODUCT NAME
MCT1174	Application Platform Developer Tools 1 year
MCT1174RN	Renewal Application Platform Developer Tools 1 year
MCT1174F3RN	Renewal Application Platform Developer Tools 3 year
MCT1173	Developer Enterprise 1 year
MCT1173RN	Renewal Developer Enterprise 1 year
MCT1172	Developer Professional 1 year
MCT1172RN	Renewal Developer Professional 1 year
MCT1172F3RN	Renewal Developer Professional 3 year

Professional Subscription Red Hat Developer Subscription Professional provides one (1) developer with access to Red Hat Network for development use, and unlimited developer support incidents with a 2 business day SLA. (Web and phone support, 1 contact, unlimited incidents, 2 business day SLA) The Red Hat Developer Subscription Professional includes one (1) entitlement to each of the following:

- JBoss Developer Studio for Windows or Linux
- All JBoss Enterprise Platforms and Frameworks (up to 4 CPUs each)
- Red Hat Enterprise Linux Advanced Platform
- All other Red Hat development software products.

Enterprise Subscription Red Hat Developer Enterprise Subscription provides two (2) developers access to all Red Hat software for development use, and unlimited developer support incidents with a 4 business hour SLA. (1 year web and phone support, 2 contacts, unlimited incidents, 4 business hour SLA) The Red Hat Developer Enterprise Subscription includes:

- 2 entitlements to JBoss Developer Studio for Windows or Linux

- 1 entitlement to all JBoss Enterprise Platforms and Frameworks (up to 32 CPUs each)
- 8 entitlements to Red Hat Enterprise Linux Advanced Platform
- 8 entitlements each to all other Red Hat software products for development purposes.

JBoss Developer JBoss Developer Studio provides a certified open source development environment that includes and integrates Eclipse, Eclipse Tooling, and JBoss Enterprise Application Platform. This integrated development environment provides developers everything needed to build rich Web applications using technologies like Hibernate, Seam, and JBoss AS. Additionally, because JBoss Developer Studio includes both certified visual tooling and a runtime platform that Red Hat supports for 5 years, developers can have confidence that their development environment and platform is stable, upgradeable, deployable, and supportable. JBoss Developer Studio also includes one entitlement to Red Hat Enterprise Linux, with built-in development tools, and Red Hat Network Access for development purposes.

No support is provided with this product subscription. If you would like support, you may consider the [Red Hat developer subscriptions](#).

Benefits

The Red Hat Developer Subscription Professional provides one (1) developer with access to Red Hat software for development use, and unlimited developer support incidents with a 2 business day SLA. (1 year web and phone support, 1 contact, unlimited incidents, 2 business day SLA) The Red Hat Developer Subscription Professional includes one (1) entitlement to each of the following:

- JBoss Developer Studio for Windows or Linux
- All JBoss Enterprise Platforms and Frameworks (up to 4 CPUs each)
- Red Hat Enterprise Linux Advanced Platform
- All other Red Hat software products for development purposes.
- Provides a pre-assembled development environment, including both tooling and runtime components. No need to cobble together your own environment.
- Tested and certified to assure that all components, like seam and eclipse seam tooling work well together as well as across other components like Hibernate, JBoss AS.
- Assurance that all JBoss Developer Studio plugins are compatible with each other, and runtime components and their dependencies are compatible with each other.
- Certified updates so you don't have to worry about updating parts that may not work with the rest of the environment
- Includes JBoss Enterprise Application Platform, which contains the versions of JBoss AS, Hibernate, Seam, and other components that Red Hat supports in production for 5 years.
- Includes Red Hat Enterprise Linux and access to Red Hat Network.

The Red Hat Developer Subscription Professional provides one (1) developer with access to Red Hat software for development use, and unlimited developer support incidents with a 2 business day SLA. (1 year web and phone support, 1 contact, unlimited incidents, 2 business day SLA) The Red Hat Developer Subscription Professional includes one (1) entitlement to each of the following:

- JBoss Developer Studio for Windows or Linux
- All JBoss Enterprise Platforms and Frameworks (up to 4 CPUs each)
- Red Hat Enterprise Linux Advanced Platform
- All other Red Hat software products for development purposes.

G. JBoss Enterprise Middleware

JBoss Enterprise Platforms integrate multiple projects and components, all at different versions with different dependencies, into a single, stable, certified distribution with support, patches and updates, documentation, and a multi-year maintenance policy.

JBoss Enterprise Platforms include:

- [JBoss Enterprise Application Platform:](#)
Everything you need to deploy, host, and persist data to Java-based web applications and services.
- [JBoss Enterprise SOA Platform](#)
A flexible, standards-based platform to integrate applications, SOA services, and business events as well as to automate business processes.
- [JBoss Enterprise Portal Platform](#)
Portal integration, content aggregation, and personalization.

Reference: MNF Part # correspond with BPA price schedule

G. JBoss Enterprise Middleware	
1. JBoss Enterprise Application Platform	
MNF PART NUMBER	PRODUCT NAME
Application Platform - PREMIUM	
MCT1149	JBoss Application Platform, Premium (for up to 4 CPUs) 1 year
MCT1151	JBoss Application Platform, Premium (for up to 32 CPUs) 1 year
MCT1149RN	Renewal - JBoss Application Platform, Premium (for up to 4 CPUs) 1 year
MCT1149F3RN	Renewal - JBoss Application Platform, Premium (for up to 4 CPUs) 3 year
MCT1151RN	Renewal - JBoss Application Platform, Premium (for up to 32 CPUs) 1 year
Application Platform - STANDARD	
MCT1150	JBoss Application Platform, Standard (for up to 4 CPUs) 1 year
MCT1152	JBoss Application Platform, Standard (for up to 32 CPUs) 1 year
MCT1150RN	Renewal - JBoss Application Platform, Standard (for up to 4 CPUs) 1 year
MCT1150F3RN	Renewal - JBoss Application Platform, Standard (for up to 4 CPUs) 3 year
MCT1152RN	Renewal - JBoss Application Platform, Standard (for up to 32 CPUs) 1 year
2. JBoss Enterprise SOA Platform	
SOA Platform - PREMIUM	
MCT1376	JBoss SOA Platform, Premium (for up to 32 CPUs) 1 year
MCT1374	JBoss SOA Platform, Premium (for up to 4 CPUs) 1 year
MCT1376RN	Renewal - JBoss SOA Platform, Premium (for up to 32 CPUs) 1 year
MCT1376F3RN	Renewal - JBoss SOA Platform, Premium (for up to 32 CPUs) 3 year
MCT1374RN	Renewal - JBoss SOA Platform, Premium (for up to 4 CPUs) 1 year
SOA Platform - STANDARD	
MCT1377	JBoss SOA Platform, Standard (for up to 32 CPUs) 1 year
MCT1375	JBoss SOA Platform, Standard (for up to 4 CPUs) 1 year
MCT1377RN	Renewal - JBoss SOA Platform, Standard (for up to 32 CPUs) 1 year
MCT1377F3RN	Renewal - JBoss SOA Platform, Standard (for up to 32 CPUs) 3 year
MCT1375RN	Renewal - JBoss SOA Platform, Standard (for up to 4 CPUs) 1 year

3. JBoss Enterprise Portal Platform

PORTAL PREMIUM	
MCT1155	JBoss Application Platform for Portals, Premium (for up to 32 CPUs)
MCT1155RN	Renewal - JBoss Application Platform for Portals, Premium (for up to 32 CPUs)
MCT1153	JBoss Application Platform for Portals, Premium (for up to 4 CPUs)
MCT1153RN	Renewal - JBoss Application Platform for Portals, Premium (for up to 4 CPUs)
PORTAL STANDARD	
MCT1156	JBoss Application Platform for Portals, Standard (for up to 32 CPUs)
MCT1156RN	Renewal - JBoss Application Platform for Portals, Standard (for up to 32 CPUs)
MCT1154	JBoss Application Platform for Portals, Standard (for up to 4 CPUs)
MCT1154RN	Renewal - JBoss Application Platform for Portals, Standard (for up to 4 CPUs)

Related infrastructure product:

- Red Hat Application Stack: Red Hat Application Stack is the first fully integrated open source stack. Includes everything you need to run standards-based web and enterprise applications.

1. JBoss Enterprise Application Platform

JBoss Enterprise Application Platform is the market leading platform for innovative and scalable Java applications. Integrated, simplified, and delivered by the leader in enterprise open source software, it includes leading open source technologies for building, deploying, and hosting enterprise Java applications and services.

JBoss Enterprise Application Platform balances innovation with enterprise class stability by integrating the most popular clustered Java EE application server with next generation application frameworks. Built on open standards, JBoss Enterprise Application Platform integrates JBoss Application Server, with JBoss Hibernate, and JBoss Seam into a complete, simple enterprise solution for Java applications. Available through flexible and affordable subscriptions, JBoss Enterprise Application Platform makes it easy to develop, deploy, and manage

2. JBoss Enterprise Portal Platform

Today's top enterprises look to achieve a competitive advantage by deploying enterprise portals within their IT infrastructure. JBoss Enterprise Portal Platform provides an integrated open source platform for hosting and serving a portal's web interface, aggregating, publishing, and managing its content, and personalizing its experience.

Features

Improved user productivity JBoss Enterprise Portal Platform provides a framework for centralized and secure access to applications and information, which fosters collaboration, streamlines business processes, and reduces costs.

Interoperability and open standards

Since JBoss Enterprise Portal Platform is based on open standards, it can incorporate components into the portal as standardized and reusable portlets. So it meets the needs of business to employee, business to customer, or business to business portals.

Reliability and scalability

JBoss Enterprise Portal Platform is based on the market-leading JBoss Application Server, so access to dynamic information is simple. Performance and scalability are assured.

Improved ROI

By providing an integrated user interface across applications, JBoss Enterprise Portal Platform makes it easier for users to leverage existing IT applications, increasing return on investment of IT assets and reducing the need for new application and integration development.

JBoss Enterprise SOA Platform

The value chain integration challenge represents a high business value opportunity and chance for competitive advantage.

However, older and proprietary integration platforms and strategies were not up to the job; e.g., they did not deliver the flexibility to enable a business to drive customer value and respond to change in an open or affordable manner.

The JBoss Enterprise SOA Platform changes this by bringing a new generation, simple, open and affordable integration and business automation platform to the enterprise software market. The JBoss Enterprise SOA platform is a single platform to find, integrate and orchestrate SOA business services, enterprise applications, and other IT assets into automated business processes. Other benefits and features include:

- Market leading, open source middleware, integrated into a single, simple SOA integration and business process automation platform
- Multi-platform, built on standards with the value of integration, without the pain of lock-in
- Clear and simple subscription model, that includes software, support, and upgrades
- JBoss Enterprise SOA Platform is a low cost alternative to expensive proprietary middleware platforms
- Supported by the open source leader, delivered by certified experts

The bottom line - The JBoss Enterprise SOA Platform makes improving business execution affordable and easier!

3. JBoss Enterprise SOA Platform Subscription

JBoss Enterprise SOA Platform

Full-service SOA

Full Service SOA is a holistic approach to transforming organizations through a service-oriented architectural approach that addresses the three most important drivers of enterprise IT success: people, process and technology. Red Hat Consulting offers a unique approach to SOA, allowing an organization to drive significant and immediate bottom line impact. Learn more...

Featuring Multi-master directory replication

Authentication services are critical to any enterprise and centralizing those services could lead to a single point of failure. By incorporating technologies from Red Hat's robust Directory Server product, Red Hat Enterprise IPA can be deployed in the most mission-critical environments. Features like multi-master replication and support for online backups, updates, and configuration changes ensure that the services are available 24x7.

Integration with your existing environment

While Enterprise IPA is optimized for your Linux and Unix environments, it also fits well with other technologies. Synchronization with Active Directory for users, groups, and passwords is available.

Many organizations are looking to migrate off of NIS onto a directory based solution for efficiency and compliance. Red Hat provides a robust tool in the Penrose virtual directory that aids in migration from NIS to IPA. This tool helps identify conflicts, aids the administrator in resolving them, and enables a slow migration instead of a big bang, flip the switch approach.

The JBoss Enterprise SOA Platform Subscription includes JBoss ESB, JBoss jBPM, JBoss Rules and JBoss Enterprise Application Platform. The JBoss Enterprise SOA Platform integrates applications, SOA services, and business events and automates business processes.

JBoss Enterprise SOA Platform Component Details

As part of the JBoss Enterprise SOA Platform release process, a number of JBoss.org components may be added or removed for dependency or capability purposes while other components may be included as Technology Previews. The SOA Platform adds JBoss ESB, JBoss jBPM, and JBoss Rules to the JBoss Enterprise Application Platform 4.3.

Certified and Compatible Configurations

The JBoss Enterprise SOA Platform incorporates the JBoss Enterprise Application Platform certified configurations. Every JBoss Enterprise Application Platform release is tested and certified on a variety of market leading Operating Systems, Java Virtual Machines (JVMs), and Database combinations. While the most common combinations are validated and certified, not every possible combination has gone through this testing process.

H. JBoss Enterprise Frameworks

In the real world, IT infrastructure environments often include a number of vendors. That's why, in addition to JBoss Enterprise Platforms, Red Hat also offers modular frameworks that run with any Java EE middleware platform. Simplify development. And speed time to deployment.

JBoss Enterprise Frameworks include:

- JBoss Hibernate:
Industry-leading object/relational mapping and persistence.
- JBoss jBPM:
Business process automation and workflow engine.
- JBoss Rules:
Business rules definition and management system.

JBoss Frameworks, like JBoss Enterprise Platforms, are available via subscriptions that include certified software, industry-leading support, updates and patches, documentation, and multi-year maintenance policies.

Reference: MNF Part # correspond with BPA price schedule

H. JBoss Enterprise Frameworks	
MNF PART NUMBER	PRODUCT NAME
1. Hibernate	
PREMIUM	
MCT1157	JBoss Hibernate Framework, Premium (for up to 4 CPUs) 1 year
MCT1159	JBoss Hibernate Framework, Premium (for up to 32 CPUs) 1 year
MCT1157RN	Renewal - JBoss Hibernate Framework, Premium (for up to 4 CPUs) 1 year
MCT1159RN	Renewal - JBoss Hibernate Framework, Premium (for up to 32 CPUs) 1 year
STANDARD	
MCT1158	JBoss Hibernate Framework, Standard (for up to 4 CPUs) 1 year
MCT1160	JBoss Hibernate Framework, Standard (for up to 32 CPUs) 1 year
MCT1158RN	Renewal - JBoss Hibernate Framework, Standard (for up to 4 CPUs) 1 year
MCT1160RN	Renewal - JBoss Hibernate Framework, Standard (for up to 32 CPUs) 1 year
2. Rules	
PREMIUM	
MCT1167	JBoss Rules Framework, Premium (for up to 32 CPUs) 1 year
MCT1165	JBoss Rules Framework, Premium (for up to 4 CPUs) 1 year
MCT1167RN	Renewal - JBoss Rules Framework, Premium (for up to 32 CPUs) 1 year
MCT1165RN	Renewal - JBoss Rules Framework, Premium (for up to 4 CPUs) 1 year
STANDARD	
MCT1168	JBoss Rules Framework, Standard (for up to 32 CPUs) 1 year
MCT1166	JBoss Rules Framework, Standard (for up to 4 CPUs) 1 year
MCT1168RN	Renewal - JBoss Rules Framework, Standard (for up to 32 CPUs) 1 year
MCT1166RN	Renewal - JBoss Rules Framework, Standard (for up to 4 CPUs) 1 year
3. jBPM	
PREMIUM	

MCT1161	JBoss jBPM Framework, Premium (for up to 4 CPUs) 1 year
MCT1163	JBoss jBPM Framework, Premium (for up to 32 CPUs) 1 year
MCT1161RN	Renewal - JBoss jBPM Framework, Premium (for up to 4 CPUs) 1 year
MCT1163RN	Renewal - JBoss jBPM Framework, Premium (for up to 32 CPUs) 1 year
STANDARD	
MCT1162	JBoss jBPM Framework, Standard (for up to 4 CPUs) 1 year
MCT1164	JBoss jBPM Framework, Standard (for up to 32 CPUs) 1 year
MCT1162RN	Renewal - JBoss jBPM Framework, Standard (for up to 4 CPUs) 1 year
MCT1164RN	Renewal - JBoss jBPM Framework, Standard (for up to 32 CPUs) 1 year

1. JBoss Hibernate

Hibernate is a powerful, high performance object/relational persistence and query service. Hibernate lets you develop persistent classes following object-oriented idiom, including association, inheritance, polymorphism, composition, and collections. Hibernate allows you to express queries in its own portable SQL extension (HQL), native SQL, or with an object-oriented Criteria and Example API. Unlike many other persistence solutions, Hibernate does not hide the power of SQL from you. It guarantees that your investment in relational technology and knowledge is as valid as always. JBoss Hibernate, like all JBoss Enterprise Frameworks, is modular. It runs with JBoss Enterprise Middleware or any other Java EE middleware platform. It's available via subscriptions that include certified software, industry-leading support, updates and patches, documentation, and multi-year maintenance policies.

2. JBoss jBPM

Create business processes that coordinate people, applications, and services. Designed for SMB and large enterprise applications alike, JBoss jBPM brings process automation to a much wider set of business problems, from embedded workflow to enterprise business process orchestration and BPM.

Features

Flexible and scalable process engine

JBoss jBPM enables IT flexibility by supporting multiple-process languages with the same scalable process engine platform.

Pluggable architecture

JBoss jBPM's pluggable architecture is extensible and customizable on every level: within the process engine, for each process definition, and every corresponding process instance.

Integration with JBoss Seam

JBoss Seam is an application framework for simplifying and unifying the EJB and Java Server Faces (JSF) component models.

Easy programming model

JBoss jBPM provides a process-oriented programming model (jPDL) that blends the best of both Java and declarative programming techniques.

JBoss jBPM, like all JBoss Enterprise Frameworks, is modular. It runs with JBoss Enterprise Middleware or any other Java EE middleware platform. It's available via subscriptions that include certified software, industry-leading support, updates and patches, documentation, and multi-year maintenance policy.

3. JBoss Rules

JBoss Rules is an open source and standards-based business rules engine for easy business policy access, change, and management. JBoss Rules is a fast, highly efficient rules engine that makes it easy for a business analyst or auditor to view business rules, as they are encoded in your IT application infrastructure, to verify that the encoded rules indeed implement the

documented business policies. JBoss Rules also supports a variety of language and decision table inputs, making it easy to quickly modify business policies to respond to opportunities and competitive threats.

Features

Application simplification and agility

JBoss Rules simplifies applications by separating business policy or rules logic from process, infrastructure, and presentation logic.

Efficient and scalable

JBoss Rules is a great way to collect complex decision-making logic and work with data sets too large for humans to effectively use.

Knowledge base transfer

JBoss Rules facilitates knowledge transfer to centralized repositories and help combat issues due to the loss of key decision makers, managers, executives, specialists, and highly creative employees.

Reuse rules across applications and Service-Oriented Architectures

Once your business rules are separated from other logic, they can be more easily reused across many applications and in service-oriented architecture environments.

JBoss Rules, like all JBoss Enterprise Frameworks, is modular. It runs with JBoss Enterprise Middleware or any other Java EE middleware platform. It's available via subscriptions that include certified software, industry-leading support, updates and patches, documentation and multi-year maintenance policy.

I. Red Hat Enterprise IPA

Identity management for Linux and UNIX systems

Red Hat Enterprise IPA is an open source identity and access management solution that centrally manages identity, policy, and audits for users, machines, and services in your Linux and Unix environment.

Based upon open technologies and standards including LDAP and Kerberos, Red Hat Enterprise IPA provides single sign-on services, high availability directory service, an access control framework and auditing of user activities in an easy to install and manage package. It is built with interoperability in mind which means easy integration with existing tools including Active Directory, easy migration off of NIS, and elimination of vendor lock in.

Advantages of Enterprise IPA include:

- Single sign-on using Kerberos and LDAP
- Basic host-based access control
- Services mutually authenticate and encrypt leveraging Kerberos
- Support for open standards, an access control framework

Reference: MNF Part # correspond with BPA price schedule

I. Red Hat Enterprise IPA	
MNF PART NUMBER	PRODUCT NAME
MCT1597	Red Hat Enterprise IPA Production Server, 1year

MCT1597F3	Red Hat Enterprise IPA Production Server, 3year
MCT1597RN	(Renewal) Red Hat Enterprise IPA Production Server, 1year
MCT1597F3RN	(Renewal) Red Hat Enterprise IPA Production Server, 3year

J. Red Hat Technical Account Manager

- Direct access to a senior Red Hat Support engineer, RHCE or RHCA qualified
- Exposure and access to Red Hat's technology and development plans
- Early identification of issues when deploying on Red Hat Enterprise Linux (beta testing, bug/feature escalation/resolution)
- Weekly review calls
- Two on-site technical review visits per year
- Quarterly service performance metrics through the TAM Dashboard
- Subscription to Red Hat's Technical Account Management monthly newsletter

TAM Service Parameters

Your usage of the TAM service may vary significantly depending on the nature of your business, geographical spread or use of Red Hat Technologies. The TAM service is therefore packaged according to the following criteria's:

- **Per Region:** The TAM Service is a regional-based service offering and is purchasable for each primary Red Hat Region. Red Hat Primary Regions are defined as North America, EMEA and Asia-Pacific
- **Per Customer Team:** The TAM Service is purchasable per Customer Team. Depending on your business and service needs, a Team may be defined as your Development team, your System Administration team or even your Support Team.
- **Per Red Hat Product Line:** Due to the technical nature of the TAM offering and the diversity of the Red Hat Product portfolio, the TAM service is purchasable per Red Hat Product Line. Red Hat defines these Product Lines today in two primary categories, the RHEL Product Line and the JBoss Product Line.

Reference: MNF Part # correspond with BPA price schedule

J. Red Hat Technical Account Manager	
MNF PART NUMBER	PRODUCT NAME
SVADD001	Technical Account Management Services

K. Red Hat Consulting

Red Hat Consulting can help you:

- Make smart architectural decisions from the start
- Reduce risk
- Accelerate project completion and time to value
- Integrate open and closed source software components
- Reduce support requirements
- Maximize product performance
- Deliver knowledge transfer and best practices to your in-house team

Choose from services designed to help you wherever you are in your Red Hat or JBoss deployment cycle. Still weighing the risks and rewards? Invest in a professional assessment, and know exactly what you stand to gain by migrating. Or if you're ready to implement and migrate, find solutions that promise successful transitions whether you're migrating your operating system, middleware, or applications.

Already started a project in-house? Add elite engineers and architects to your team and have dedicated open source expertise under your roof, for the duration of a project or longer-term

Platform Services

Red Hat's Platform Services include assessments of and migrations to Red Hat's award-winning operating system, Red Hat Enterprise Linux. Other products covered in Red Hat's platform services include Red Hat MRG, Global File System, and Red Hat Cluster Suite.

Middleware Services

Red Hat's Middleware Services include end-to-end solutions and SOA Consulting for JBoss Enterprise Middleware, the open source alternative to high-priced proprietary solutions. Other facets of the JBoss portfolio include Hibernate, SEAM, and JBoss Rules.

Systems and Identity Management Services

Red Hat Systems Management solutions can help you scale tasks and resources. Trust Red Hat Consulting to deploy and optimize management tools like Red Hat Network Satellite and JBoss ON. Consulting is also available for Red Hat Identity Management products. Including Red Hat Enterprise IPA, Red Hat Certificate System, and Red Hat Virtual Directory and Directory Server.

Reference: MNF Part # correspond with BPA price schedule

K. Red Hat Consulting Services	
MNF PART NUMBER	PRODUCT NAME
CON-IA	Information Architect (Per Hour)
CON-PM	Project Manager (Per Hour)
CON-CE	Consulting Engineer (Per Hour)
CON-BA	Business Analyst (Per Hour)
CON-SIA	Senior Information Architect (Per Hour)
CON-SPM	Senior Project Manager (Per Hour)

ATT B - LICENSE AGREEMENT

Attachment B

**LICENSE AGREEMENT AND LIMITED PRODUCT WARRANTY RED HAT PRODUCTS/SERVICES
(See below the License Agreement & Limited Product Warranty Information offered in this BPA)**

**LICENSE AGREEMENT
RED HAT® ENTERPRISE LINUX®
AND RED HAT® APPLICATIONS**

This end user license agreement ("EULA") governs the use of any of the versions of Red Hat Enterprise Linux, any Red Hat Applications (as set forth at www.redhat.com/licenses/products), and any related updates, source code, appearance, structure and organization (the "Programs"), regardless of the delivery mechanism.

1. License Grant. Subject to the following terms, Red Hat, Inc. ("Red Hat") grants to you ("User") a perpetual, worldwide license to the Programs pursuant to the GNU General Public License v.2. The Programs are either a modular operating system or an application consisting of hundreds of software components. With the exception of certain image files identified in Section 2 below, the license agreement for each software component is located in the software component's source code and permits User to run, copy, modify, and redistribute (subject to certain obligations in some cases) the software component, in both source code and binary code forms. This EULA pertains solely to the Programs and does not limit User's rights under, or grant User rights that supersede, the license terms of any particular component.

2. Intellectual Property Rights. The Programs and each of their components are owned by Red Hat and others and are protected under copyright law and under other laws as applicable. Title to the Programs and any component or to any copy, modification, or merged portion shall remain with the aforementioned, subject to the applicable license. The "Red Hat" trademark and the "Shadowman" logo are registered trademarks of Red Hat in the U.S. and other countries. This EULA does not permit User to distribute the Programs or their components using Red Hat's trademarks, regardless of whether the copy has been modified. User should read the information found at <http://www.redhat.com/about/corporate/trademark/> before distributing a copy of the Programs. User may make a commercial redistribution of the Programs only if, (a) a separate agreement with Red Hat authorizing such commercial redistribution is executed or other written permission is granted by Red Hat or (b) User modifies any files identified as "REDHAT-LOGOS" to remove and replace all images containing the "Red Hat" trademark or the "Shadowman" logo. Merely deleting these files may corrupt the Programs.

3. Limited Warranty. Except as specifically stated in this Section 3, a separate agreement with Red Hat, or a license for a particular component, to the maximum extent permitted under applicable law, the Programs and the components are provided and licensed "as is" without warranty of any kind, expressed or implied, including the implied warranties of merchantability, non-infringement or fitness for a particular purpose. Red Hat warrants that the media on which the Programs and the components are furnished will be free from defects in materials and manufacture under normal use for a period of 30 days from the date of delivery to User. Red Hat does not warrant that the functions contained in the Programs will meet User's requirements or that the operation of the Programs will be entirely error free, appear precisely as described in the accompanying documentation, or comply with regulatory requirements. This warranty extends only to the party that purchases services pertaining to the Programs from Red Hat or a Red Hat authorized distributor.

4. Limitation of Remedies and Liability. To the maximum extent permitted by applicable law, User's exclusive remedy under this EULA is to return any defective media within 30 days of delivery along with a copy of User's payment receipt and Red Hat, at its option, will replace it or refund the money paid by User for the media. To the maximum extent permitted under applicable law, neither Red Hat, any Red Hat authorized distributor, nor the licensor of any component provided to User under this EULA will be liable to User for any incidental or consequential damages, including lost profits or lost savings arising out of the use or inability to use the Programs or any component, even if Red Hat, such authorized distributor or licensor has been advised of the possibility of such damages. In no event shall Red Hat's liability, an authorized distributor's liability or the liability of the licensor of a component provided to User under this EULA exceed the amount that User paid to Red Hat under this EULA during the twelve months preceding the action.

5. Export Control. As required by the laws of the United States and other countries, User represents and warrants that it: (a) understands that the Programs and their components may be subject to export controls under the U.S. Commerce Department's Export Administration Regulations ("EAR"); (b) is not located in a prohibited destination country under the EAR or U.S. sanctions regulations (currently Cuba, Iran, Iraq, North Korea, Sudan and Syria, subject to change as posted by the United States government); (c) will not export, re-export, or transfer the Programs to any prohibited destination or persons or entities on the U.S. Bureau of Industry and Security Denied

Parties List or Entity List, or the U.S. Office of Foreign Assets Control list of Specially Designated Nationals and Blocked Persons, or any similar lists maintained by other countries, without the necessary export license(s) or authorizations(s); (d) will not use or transfer the Programs for use in connection with any nuclear, chemical or biological weapons, missile technology, or military end-uses where prohibited by an applicable arms embargo, unless authorized by the relevant government agency by regulation or specific license; (e) understands and agrees that if it is in the United States and exports or transfers the Programs to eligible end users, it will, to the extent required by EAR Section 740.17(e), submit semi-annual reports to the Commerce Department's Bureau of Industry and Security, which include the name and address (including country) of each transferee; and (f) understands that countries including the United States may restrict the import, use, or export of encryption products (which may include the Programs and the components) and agrees that it shall be solely responsible for compliance with any such import, use, or export restrictions.

6. **Third Party Programs.** Red Hat may distribute third party software programs with the Programs that are not part of the Programs. These third party programs are not required to run the Programs, are provided as a convenience to User, and are subject to their own license terms. The license terms either accompany the third party software programs or can be viewed at <http://www.redhat.com/licenses/thirdparty/eula.html>. If User does not agree to abide by the applicable license terms for the third party software programs, then User may not install them. If User wishes to install the third party software programs on more than one system or transfer the third party software programs to another party, then User must contact the licensor of the applicable third party software programs.

7. **General.** If any provision of this agreement is held to be unenforceable, that shall not affect the enforceability of the remaining provisions. This agreement shall be governed by the laws of the State of New York and of the United States, without regard to any conflict of laws provisions. The rights and obligations of the parties to this EULA shall not be governed by the United Nations Convention on the International Sale of Goods.

ATT C - REPORT OF SALES FORMAT

ATT C - Report of Sales Format

Attachment C

REPORT OF SALES FORMAT (See Attachment)

(See attachment in Microsoft Excel format to be used by vendor when submitting reports as outlined in the BPA)



D:\Att C. doc.xls

ATT D - FEES & PAYMENTS

ATT D - Fees & Payments

Attachment D

FEES AND PAYMENTS

The vendor shall be responsible for the payment of all fees to be included in the product pricing (i.e., GSA, ACT) as calculated on the customer orders, in accordance with the document provided below.

- 1. GSA Industrial Funding Fee.** The BPA unit prices include a markup to account for the GSA fee. The contractor shall be responsible for all required filings to GSA and for payment of this fee in accordance with applicable GSA instructions.
- 2. Acquisition, Contracting, and Technical (ACT) Fee.** The cost of awarding, administering and managing this BPA is included in the prices charged to ordering activities. The ACT fee is 2%. Remittance of the ACT fee shall be made on a calendar quarterly basis (i.e. January – March, April – June, July – September, and October – December) or as otherwise requested by the Software Product Manager (SPM) and is due thirty (30) days following approval of the report for the completed reporting period. Negative reports are required. ACT fees that have not

been paid within the prescribed thirty (30) days shall be considered a debt to the United States Government under the terms of FAR 32.6. The Government may exercise all its rights under the contract, including withholding or setting off payments and interest on the debt (see contract FAR clause 52.232-17, interest). Failure of the Contractor to pay the ACT Fee in a timely manner may result in termination of the BPA.

3. Fee Distribution. The Army, Air Force, DLA, DISA and Navy are participating in a fee-sharing program. The Contractor shall collect the 2% ACT fee and distribute in accordance with the following procedures. Fee sharing shall be determined by the End User Agency or Service identified in the monthly Report of Sales. This field shall be notated Army, Air Force, DLA, Navy DISA, or DoD as appropriate. Fee checks shall not be issued until written approval is received for the Report of Sales.

3.1 ALL SALES:

The 2% ACT fee is split equally between the DoD Component whose customer places the order and the DoD Component that manages the ESI agreement. In other words, any Air Force orders against an ESI agreement managed by the DISA results in one half (or 1%) of the 2% fee being returned to the Air Force acquisition organization (listed under Air Force Sales). DISA will retain the entire 2% fee under orders issued for DISA activities or those activities that do not collect a fee under the ESI agreements managed by DISA. The contractor is responsible for distributing the ACT fee to all applicable Services in accordance with the instructions herein. The amount of ACT Fee due the FMO shall be calculated at 1% for Army sales, 1% for Air Force sales, 1% for DLA sales, 1% for Navy sales and 2% for all other sales.

The Contractor shall remit ACT Fee to the address provided below by corporate or cashiers check made payable to "Treasurer of the United States" noted with the following information:

BPA *HC1028-09-A-2004*

DoD (*CARASOFT TECHNOLOGY CORPORATION / RED HAT, INC.*) Enterprise Software Agreement
Quarterly ACT Fee

****Checks must be accompanied by a transmittal letter (See Attachment G) that cites the applicable accounting data to ensure proper crediting of the payment.

Send check and transmittal letter to:

DFAS-CO
Finance and Accounting Office
Att: Derek Ryder
3990 East Broad St., Bldg. 21
Columbus, Ohio 43213

Provide copies of this letter and check electronically to: jonnice.medley@disa.mil

3.2 NAVY SALES

The amount of ACT Fee due Navy shall be calculated at 1% of all Navy sales.

The contractor shall remit ACT Fee to the Financial Management Office (FMO) by corporate or cashier's check made payable to "Treasurer of the United States". No transmittal letter is required with submission of Navy fee checks.

Checks must include the following information to ensure proper crediting of the payment:

BPA *HC1028-09-A-2004*

DoD (*CARASOFT TECHNOLOGY CORPORATION / RED HAT, INC.*) Enterprise Software Agreement
ACT Fee

If using overnight or express mail, send check to:
 SPAWARSCEN ATLANTIC
 Attn: Elizabeth Vonasek
 Norfolk Office
 Code 5455, Bldg. V53
 9456 Fourth Avenue
 Norfolk, VA 23511-2130

If using regular mail, send check to:
 SPAWARSCEN ATLANTIC
 Attn: Elizabeth Vonasek
 Norfolk Office
 Code 5455, Bldg V53
 P.O. Box 1376
 Norfolk, VA 23501-1376

Email a copy of the FMO check to the SPM: sandra.sirbu@navy.mil

3.3 ARMY SALES:

The amount of ACT Fee due the Program Executive Office (PEO) Enterprise Information Systems (EIS) shall be calculated at 1% of all Army sales.

Remit ACT Fee to PEO EIS by corporate or cashier’s check made payable to “Treasurer of the United States” notated with the following information:

BPA *HC1028-09-A-2004*
 SCP Fee Reimbursement

***Checks must be accompanied by a transmittal letter (format to be provided) that cites the applicable accounting data to ensure proper crediting of the payment.

Send check and transmittal letter to:
 Project Director, Computer Hardware, Enterprise Software and Solutions (PD CHESS)
 PEO Enterprise Information Systems (EIS)
 SFAE-PS-SCP (Attn: Margaret Kirsch)
 Squier Hall, Bldg. 283
 Fort Monmouth, NJ 07703

Email a copy of the check and letter to: MONM-EISASCPVndrRpts@Conus.army.mil

3.4 AIR FORCE SALES:

The amount of ACT Fee due DFAS Denver shall be calculated at 1% of all Air Force sales.

The contractor shall remit ACT Fee to DFAS Denver by corporate or cashier’s check made payable to “3801-LI” notated with the following information:

BPA *HC1028-09-A-2004*
 ESI-SW Fee Sharing

***Checks must be accompanied by a transmittal letter (See Attachment E) that cites the applicable accounting data to ensure proper crediting of the payment.

Send check and transmittal letter to:
 Disbursing Operations Directorate
 For: 3801-Limestone Field Site
 8899 E. 56th Street
 Indianapolis, IN 46249-9339

Email a copy of the check and letter to the following email address:

Email: kabfinance@gunter.af.mil

Please include with the above documents the Customer Usage Check Report (CCR) and Delivery Order Status Report (DOSR) or the Report of Sales (per BPA requirements).

Subject Line Format of e-mail should be as follows:

Contract Number with hyphens, CCR or DOSR Month Year, Contract Name, Contractor Name
 [Example: FA0000-00-A-0000, CCR June 2006, ESI, Vendor, Inc.]

Point of Contact regarding any questions: Ricky Blackmon by phone 334-416-2888 or Email at: ricky.blackmon@gunter.af.mil.

Mail is also an alternative means of submitting copies. Please forward a copy to the address below:

HQ 754 ELSG/ESQ
 Attention: Ricky Blackmon
 490 East Moore Drive, Bldg 892
 MAFB-Gunter Annex, AL 36114-3014

3.5 DLA SALES

The amount of ACT Fee due DLA shall be calculated at 1% of all DLA sales.

The contractor shall remit ACT Fee to the address provided below by corporate or cashier's check made payable to "Treasurer of the United States". No transmittal letter is required with submission of DLA fee checks.

Checks must include the following information to ensure proper crediting of the payment:

BPA *HC1028-09-A-2004*

DoD (CARAHSOFT TECHNOLOGY CORPORATION / RED HAT, INC.) Enterprise Software Agreement Quarterly ACT Fee

Send check to:

Defense Logistics Agency
 DES Acquisition Staff Directorate
 Attn: Connie House, DES-A
 8725 John J. Kingman Road, Room 1145
 Fort Belvoir, VA 22060-6220

Mail a copy of the check to:

Defense Logistics Agency
 Attn: Susan Lizzi, J-654
 8725 John J. Kingman Road
 Fort Belvoir, VA 22060-6221

Or send via email to:

Email: Susan.Lizzi@dla.mil

ATT E - AF SALES TRANSMITTAL

Attachment E

AIR FORCE SALES TRANSMITTAL FORMAT

**The contractor shall use the Air Force Transmittal Letter Format below applicable for Air Force Sales.
 (COMPANY NAME BLOCK)**

(DATE BLOCK)

MEMORANDUM FOR DEFENSE FINANCE and ACCOUNTING SERVICE

Disbursing Operations Directorate
 FOR: 3801-Limestone Field Site
 8899 E 56th Street
 Indianapolis, IN 46249-9339

FROM: (Company Name)
 (Street Address)
 (City, State and Zip Code)

SUBJECT: Collection of Checks for **ESI SW** – FY09
 (Contract # _____)

1. This transmittal letter is to be used in lieu of a cash collection voucher (DD Form 1131).

2. Line of accounting to collect this check into is as follows:

5793400 309 47MZ 4G4ZKW 040000 592RR 72806F 667100 F67100 SC: 97 CSN: 007999
FSR: F022320 PSR: P037714 DSR: 650961
MORD: F2XTKB8275M004

NOTE: Please do not alter any of the information above.

3. Direct questions to (Company POC, Phone Number).

[Signature Block]

1 Atch: Check # -----

Additional Requirements are as Follows:

1. Make checks payable to: 3801-LI
2. Send both the check and this transmittal letter to above address.
3. Email both:
 - A copy of check and transmittal letter to: kabfinance@gunter.af.mil.
 - Please include with the above documents the CCR and DOSR or Sales Rpt (per BPA requirements).
 - Subject Line Format of e-mail should be as follows:
 Contract Number with hyphens, CCR or DOSR Month Year, Contract Name, and Contractor Name
[Example: FA0000-00-A-0000, CCR June 2009, ESI SW, Vendor, Inc.]
4. Point of Contact regarding any questions: Ricky Blackmon by phone: 334-416-2888 or Email at: ricky.blackmon@gunter.af.mil
5. Mail is also an alternative means of submitting copies. Please forward a copy to the address below:
 HQ 754 ELSG/ESQ
 ATTENTION: Ricky Blackmon
 490 East Moore Drive, Bldg 892
 MAFB-Gunter Annex, AL 36114-3014

ATT F - COMMON SECURITY CONFIG

ATT F - Common Security Configuration Certificate Template Format

**Attachment F
 COMMON SECURITY CONFIGURATION CERTIFICATE**

NOTE: Below is the Common Security Configuration Certification Template Format which Carahsoft Technology Corporation has determined is not applicable to BPA HC1028-09-A-2004.

(DATE)

FROM: (Company Name)
 (Street Address)
 (City, State and Zip Code)

SUBJECT: **Common Security Configurations Certification**

(Enter Authorized Publisher/Vendor Representative Name) certifies that the Red Hat Product names and version numbers provided in Attachment A are fully functional and operate correctly as intended on systems using the Federal Desktop Core Configuration (FDCC). This includes Internet Explorer 7 configured to operate on Windows XP and Vista (in Protected Mode on Vista). For the Windows XP settings, see: http://csrc.nist.gov/itsec/guidance_WinXP.html, and for the Windows Vista settings, see: http://csrc.nist.gov/itsec/guidance_vista.html. The standard installation, operation, maintenance, updates, and/or patching of software shall not alter the configuration settings from the approved FDCC configuration. The information technology should also use an installer service for installation to the default "program files" directory and should be able to silently install and uninstall. Applications designed for normal end users shall run in the standard user context without elevated system administration privileges.

The successful tests for self- certification included:

- Configuration of the system with the latest FDCC settings from the NIST website
- Use of a SCAP-validated tool with FDCC Scanner capability to baseline the initial configuration
- Product installation and successful testing of common use cases (per normal processes)
- Use of a SCAP-validated tool with FDCC Scanner capability to ensure the FDCC settings and patches are intact
- Application uninstall, reboot then successful scan of the system using a SCAP-validated tool with FDCC Scanner capability to ensure proper FDCC settings and patches are still present

SCAP (XCCDF) Report(s) confirming that the software does not alter the FDCC environment is/are provided as an attachment.

 Authorized Publisher/Vendor Representative Printed Name and Signature

 Date

ATT G - DISA SALES TRANSMITTAL
ATT G - DISA Sales Transmittal

Attachment G
DISA SALES TRANSMITTAL FORMAT
LETTER OF TRANSMITTAL FOR DISA FEE PAYMENTS

MEMORANDUM FOR DFAS-CO
Finance and Accounting Office
Attn: Derek Ryder
3990 East Broad St., Bldg. 21
Columbus, Ohio 43213

From: Company Name
Street Address
City, State, Zip Code
POC: (Name, Phone Number & Email address)

SUBJECT: Collection of Checks for (Company Name)
(BPA/Contract Number)
(Quarter/FY)

1. Collection of the check will include the following:
 - a. Please make check payable to **Treasurer of the United States**
 - b. Mail original check to address above
 - c. Checks must be accompanied by this transmittal letter.
2. To ensure proper crediting of the payment, DISA shall use the following accounting data.
 - **LOA: 9790100.4300 P948ZZDZ0 CI 2531 DCIMO96608 S12137**
3. Direct questions to Jonnice Medley, 703-681-2091
4. Provide copies of this letter and check to: jonnice.medley@disa.mil.

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0001	Carahsoft/Red Hat Software & Service FFP Blanket Purchase Agreement (BPA) HC1028-09-A-2004, DoD Enterprise Software Agreement (ESA), Carahsoft/Red Hat Software and Services, GSA Schedule GS-35F-0131R. BPA period of performance: 10 Feb 2009 through 9 Feb 2014. BPA dollar ceiling: \$11,000,000.00. The quantity of 500,000 was input for the purpose of the automated contract preparation system, Procurement Desktop - Defense (PD2). See Attachment A/A1 for the Schedule of Supplies and Services with detailed CLINs/SLINs, Quantities and Unit Prices. FOB: Destination PURCHASE REQUEST NUMBER: CARAHSOFTREDHATBPA	500,000	Unit		\$0.00
NET AMT					\$0.00

INSPECTION AND ACCEPTANCE TERMS

Supplies/services will be inspected/accepted at:

CLIN	INSPECT AT	INSPECT BY	ACCEPT AT	ACCEPT BY
0001	N/A	N/A	N/A	Government

DELIVERY INFORMATION

CLIN	DELIVERY DATE	QUANTITY	SHIP TO ADDRESS	UIC
0001	POP 10-FEB-2009 TO 09-FEB-2014	N/A	N/A FOB: Destination	

CLAUSES INCORPORATED BY REFERENCE

52.204-2	Security Requirements	AUG 1996
52.219-28	Post-Award Small Business Program Rerepresentation	JUN 2007
52.227-19	Commercial Computer Software License	DEC 2007

52.232-6	Payment Under Communication Service Contracts with Common Carriers	APR 1984
52.232-18	Availability Of Funds	APR 1984
52.232-33	Payment by Electronic Funds Transfer--Central Contractor Registration	OCT 2003
52.232-36	Payment by Third Party	MAY 1999
52.237-2	Protection Of Government Buildings, Equipment, And Vegetation	APR 1984
252.201-7000	Contracting Officer's Representative	DEC 1991
252.204-7000	Disclosure Of Information	DEC 1991
252.204-7004 Alt A	Central Contractor Registration (52.204-7) Alternate A	SEP 2007
252.227-7015	Technical Data--Commercial Items	NOV 1995
252.227-7037	Validation of Restrictive Markings on Technical Data	SEP 1999
252.232-7003	Electronic Submission of Payment Requests and Receiving Reports	MAR 2008
252.232-7009	Mandatory Payment by Governmentwide Commercial Purchase Card	DEC 2006
252.232-7010	Levies on Contract Payments	DEC 2006
252.246-7000	Material Inspection And Receiving Report	MAR 2008

CLAUSES INCORPORATED BY FULL TEXT

52.201-9200 CONTRACTING AND ADMINISTRATIVE AUTHORITY (G500 Previously)

(JUN 1996)

a. The contract will be administered by the Defense Information Technology Contracting Organization (DITCO). The Contracting Officer (CO) at DITCO/PL8321, 2300 East Drive, Scott AFB, IL 62225 is the only person authorized to approve changes or modify any of the requirements contained elsewhere in this contract; the said authority remains solely in the CO. In the event the contractor effects any such change at the direction of any other person other than the CO, the change will be considered to have been made without authority and no adjustment will be made in the contract costs to cover any increase incurred as a result thereof.

b. The contractor shall submit requests for modifications of this contract to the CO with a copy of the request to the CO's representative as designated in the CO's representative appointment letter.

c. Contractual problems, of any nature, that may arise during the life of this contract must be handled in conformance with very specific public laws and regulations (i.e., Federal Acquisition Regulation). Only the CO is authorized to formally resolve such problems. Therefore, the contractor is hereby directed to bring all such contractual problems to the immediate attention of the CO.

d. Request for information on matters related to this contract, such as explanation of terms and contract interpretation, shall be submitted to the CO.
(end of clause)

52.204-9000 Points of Contact (AUG 2005)

Contracting Officer

Name: Mary Ann Hall
Organization/Office Symbol: PL8321
Phone No.: 618-229-9580 FAX: 618-229-9177
E-Mail Address: MaryAnn.Hall@disa.mil

Contract Specialist

Name: Lauren O'Neill
Organization/Office Symbol: PL8321
Phone No.: 618-229-9403
E-Mail Address: Lauren.oneill@disa.mil

Customer/COR/TM Point of Contact

Name: Jonnice Medley
Organization/Office Symbol: DISA/CIO, Portfolio Management Branch, CI53
Phone No.: 703-681-2091
E-Mail Address: jonnice.medley@disa.mil

Contractor Point of Contact

Contractor Legal Business Name: CARAHSOFT TECHNOLOGY CORPORATION
DUNS: 088365767
CAGE CODE: 1P3C5
Contractor POC: Natalie Gregory
E-Mail Address: Natalie.Gregory@carahsoft.com
Phone Number: 703-871-8513 / 888.66.CARAH / Cell 719-237-5131
Fax Number: 703-871-8505

NOTE: Points of Contact for the above categories shall be specified with each BPA call order.

(End of clause)

52.204-9001 Contract/Order Closeout—Fixed-Price, Time-and-Materials, or Labor-Hours (Jan 2007)

Timely contract closeout is a priority under this contract/order. The Contractor shall submit a final invoice within ninety (90) calendar days after the expiration of this contract/order, unless the Contractor requests and is granted an extension by the Contracting Officer, in writing. In addition, and concurrent with the submission of the final invoice, the Contractor shall notify the Contracting Officer of the amount of excess funds that can be deobligated from this contract/order so the closeout process can begin as soon as possible upon expiration of this contract/order. A bilateral contract/order closeout modification will be forwarded to the Contractor by the Contracting Officer and must be signed by the Contractor and returned to the Contracting Officer within thirty (30) calendar days of issuance of the modification. A Contractor's failure to respond and/or sign the bilateral closeout modification within thirty (30) calendar days of receipt will constitute approval of the terms of the modification and the modification will subsequently be processed unilaterally by the Contracting Officer to deobligate excess funds and close this contract/order.

If this contract/order contains option periods, the Contractor is required to submit an invoice within ninety (90) calendar days after expiration of the base period of performance and the expiration of each exercised option period of performance to allow for deobligation of excess funds that were obligated in those respective periods of performance.

(End of clause)

52.209-9000 ORGANIZATIONAL AND CONSULTANT CONFLICTS OF INTEREST (OCCI) (DEC 2005)

(a) An offeror shall identify in its proposal, quote, bid or any resulting contract, any potential or actual Organizational and Consultant Conflicts of Interest (OCCI) as described in FAR Subpart 9.5. This includes actual or potential conflicts of interests of proposed subcontractors. If an offeror identifies in its proposal, quote, bid or any resulting contract, a potential or actual conflict of interests the offeror shall submit an Organizational and Consultant Conflicts of Interest Plan (OCCIP) to the contracting officer. The OCCIP shall describe how the offeror addresses potential or actual conflicts of interest and identify how they will avoid, neutralize, or mitigate present or future conflicts of interest.

(b) Offerors must consider whether their involvement and participation raises any OCCI issues, especially in the following areas when:

- (1) Providing systems engineering and technical direction.
- (2) Preparing specifications or work statements and/or objectives.
- (3) Providing evaluation services.
- (4) Obtaining access to proprietary information.

(c) If a prime contractor or subcontractor breaches any of the OCCI restrictions, or does not disclose or misrepresents any relevant facts concerning its conflict of interest, the government may take appropriate action, including terminating the contract, in addition to any remedies that may be otherwise permitted by the contract or operation of law.

(End of clause)

**52.211-9200 PERIOD OF CONTRACT
(F500 Previously)**

(JUN 1996)

A BPA contract awarded as a result of an offer submitted in response to this solicitation shall be effective from date of contract award and shall continue for a period of 5 year(s), unless sooner terminated under the terms of this contract.

52.216-1 TYPE OF CONTRACT (APR 1984)

The Government award of a BPA Contract HC1028-09-A-2004 is issued with Firm Fixed Prices, and any future BPA calls will be awarded as Firm Fixed Price Contracts.

(End of provision)

**52.216-9201 PRICE GUARANTEE
(H514 Previously)**

(JUN 1996)

a. The prices contained in this contract shall apply from date of contract award through a period ending 60 months from the date of contract award. This clause shall apply to an additional 6 months if the contract is extended in accordance with FAR Clause 52.217-8.

b. BPA pricing shall be set forth as Attachment A - Product and Price List. In the event the GSA Schedule contract is renewed during the life of this BPA contract, the pricing on the BPA is subject to downward adjustment. In no event shall the delivery order pricing be based upon pricing that is higher than the pricing on the underlying GSA Schedule.

c. The contractor warrants that during the contract life, the prices set forth herein shall not exceed the Contractor's GSA Schedule or Commercial Price List (including applicable commercial discounts). If at anytime this should occur, the contractor shall immediately notify the Contracting Officer and offer the lower prices for incorporation into this contract, and into call orders based on this BPA Contract.
(end of clause)

52.217-8 OPTION TO EXTEND SERVICES (NOV 1999)

The Government may require continued performance of any services within the limits and at the rates specified in the contract. These rates may be adjusted only as a result of revisions to prevailing labor rates provided by the Secretary of Labor. The option provision may be exercised more than once, but the total extension of performance hereunder shall not exceed 6 months. The Contracting Officer may exercise the option by written notice to the Contractor prior to contract expiration.

(End of clause)

52.217-9 OPTION TO EXTEND THE TERM OF THE CONTRACT (MAR 2000)

(a) The Government may extend the term of this contract by written notice to the Contractor prior to contract expiration; provided that the Government gives the Contractor a preliminary written notice of its intent to extend at least 30 days before the contract expires. The preliminary notice does not commit the Government to an extension.

(b) If the Government exercises this option, the extended contract shall be considered to include this option clause.

(c) The total duration of this contract, including the exercise of any options under this clause, shall not exceed 66 months.

(End of clause)

52.232-9000 WIDE AREA WORKFLOW-RECEIPT AND ACCEPTANCE (WAWF-RA) (MAR 2006)

(a) As prescribed in DFARS clause 252.232-7003 Electronic Submission of Payment Requests (Jan 2004), Contractors must submit payment requests in electronic form. Paper copies will no longer be accepted or processed for payment unless the conditions of DFARS clause 252.232-7003(c) apply. To facilitate this electronic submission, the Defense Information Systems Agency (DISA) has implemented the DoD sanctioned Wide Area WorkFlow-Receipt and Acceptance (WAWF-RA) for contractors to submit electronic payment requests and

receiving reports. The contractor shall submit electronic payment requests and receiving reports via WAWF-RA. For payment problems related to WAWF-RA, the contractor should contact the Acceptor identified.

(b) Definitions:

Acceptor: Contracting Officer’s Representative, Task Monitor, or other government acceptance official as identified in the contract/order.

Local Processing Office (LPO): Government office responsible for certifying invoices.

Pay Official: Defense Finance and Accounting Service (DFAS) payment office identified in the contract/order.

SHIP To/Service Acceptor DoDAAC: Acceptor DoDAAC or DCMA DoDAAC (as specified in the contract/order).

LPO DoDAAC: Certifying Office DoDAAC (only required when the Payment Office is DFAS Pensacola and the LPO DoDAAC field is marked as mandatory in WAWF-RA).

DCAA Auditor DoDAAC: Used when DCAA invoice approval is required by the contract/order and the field is marked as mandatory in WAWF-RA. (Click the DCAA Audit Office Locator Link in WAWF-RA and enter zip code of your CAGE code address).

(c) WAWF-RA Contractor Input Information - **** IMPORTANT! ****

The contractor shall use the following information in creating electronic payment requests in WAWF-RA:

To create electronic payment requests and receiving reports, go to the following WAWF-RA production website at <https://wawf.eb.mil>.

Invoice Type in WAWF-RA:

If billing for Materials Only, select “Combo”

If billing for Materials and Service, select “Combo”

If billing for Services Only, select “2-n-1 (Services Only)”

If billing for Cost Type/Reimbursable Contracts, select “Cost Voucher”

(**Cost Vouchers are only used when contracts/orders require invoices be sent to DCAA for approval.**)

Acceptor:

(Contracting Officer/Specialist must insert the following information)

Ship To/Service Acceptor DoDAAC: **TBD/provided with delivery/call orders**
Name:

Phone Number:

E-Mail:

Pay Official:

Pay DoDAAC: **TBD/provided with delivery/call orders** *(Contracting Officer/Specialist must insert Pay Official DoDAAC. Pay official DODAAC must match Payment Office information on the front of the solicitation/contract/order)*

For payment processing questions, contact the following DFAS office as specified in the contract/order:

Columbus Center -- 1-800-756-4571

E-Mail Notifications:

To facilitate payment processing, the contractor shall send an additional e-mail notification to the Acceptor by clicking on the “Send More Email Notifications” link after submitting a document in WAWF.

(d) Points of Contact:

Reference clause 52.204-9000, Points of Contact, for Contracting Officer, Contract Specialist, Customer/COR/TM and Contractor Points of Contact information.

(e) Information:

Additional DISA WAWF guidance and information for both contractor and government personnel is available at <http://www.ditco.disa.mil/hq/WAWF/>.

(end of clause)

52.233-2 SERVICE OF PROTEST (SEP 2006)

(a) Protests (related to the award of BPA HC1028-09-A-2004), as defined in section 33.101 of the Federal Acquisition Regulation, that are filed directly with an agency, and copies of any protests that are filed with the Government Accountability Office (GAO), shall be served on the Contracting Officer (addressed as follows) by obtaining written and dated acknowledgment of receipt from Maryann.hall@disa.mil.

Defense Information Systems Agency (DISA)
Defense Information Technology Contracting Organization (DITCO)
Att: Mary Ann Hall / PL8321
Reference: HC1028-09-T-2008
2300 East Drive
Scott AFB, IL 62225-5406

(b) The copy of any protest shall be received in the office designated above within one day of filing a protest with the GAO.

(c) Paragraphs (a) and (b) contact and protest filing information above relate to the award of BPA HC1028-09-A-2004 in accordance with (IAW) the terms and conditions to this BPA. Any disputes or protests against any delivery calls placed by an Authorized User [see Paragraph B(1) of the BPA terms and conditions for authorized users] against this BPA should be directed to the contracting officer of the delivery call.

(End of provision)

52.252-2 CLAUSES INCORPORATED BY REFERENCE (FEB 1998)

This contract incorporates one or more clauses by reference, with the same force and effect as if they were given in full text. Upon request, the Contracting Officer will make their full text available. Also, the full text of a clause may be accessed electronically at this/these address(es):

<http://farsite.hill.af.mil>

(End of clause)

252.243-9200 TECHNICAL ENHANCEMENTS (H511 Previously)

(JUN 1996)

a. After contract award, the Government may solicit, and the Contractor is encouraged to propose independently, improvements to the services, features, or other requirements of the contract. These improvements may be proposed to save money, to improve performance, or for any other purpose which presents a service advantage to the Government. As part of the proposed changes, the contractor shall submit a price proposal to the Contracting Officer for evaluation. Those proposed service improvements that are acceptable to the Government will be processed as modifications to the contract.

b. As a minimum, the following information shall be submitted by the contractor with each proposal:

(1) A description of the difference between the existing contract requirement and the proposed change, and the comparative advantages and disadvantages of each.

(2) Itemized requirements of the contract which must be changed if the proposal is adopted, and the proposed revision to the contract for each such change.

(3) An estimate of the changes in performance and cost, if any, that will result from adoption of the proposal.

(4) An evaluation of the effects that the proposed changes would have on collateral costs to the Government, such as government-furnished property costs, costs of related items, and costs of maintenance, operation and conversion (including government premise equipment).

(5) A statement of the time by which the contract modification adopting the proposal must be issued so as to obtain the maximum benefits of the changes during the remainder of this contract including supporting rationale.

(6) Any effect on the contract completion time or delivery schedule shall be identified.

c. The Government will not be liable for proposal preparation costs or any delay in acting upon any proposal submitted pursuant to this clause. The contractor has the right to withdraw, in whole or in part, any proposal not accepted by the Government within the period specified in the proposal. The decision of the Contracting Officer as to the acceptance of any such proposal under this contract is final and not subject to the "Disputes" clause of this contract.

d. The CO may accept any proposal submitted pursuant to this clause by giving the contractor written notice thereof. This written notice will be given by issuance of a modification to this contract. Unless and until a modification is executed to incorporate a proposal under this contract, the contractor shall remain obligated to perform in accordance with the requirements, terms, and conditions of the existing contract.

e. If a proposal submitted pursuant to this clause is accepted and applied to this contract, the equitable adjustment increasing or decreasing the contract price shall be in accordance with the procedures of FAR 52.243-1, Changes, contained in this contract. The resulting contract modification will state that it is made pursuant to this clause.

NOTE: If any proposal submitted under this paragraph may qualify as a Value Engineering Change Proposal in accordance with FAR 52.248-1 contained in this contract, the contractor shall submit the proposal as a VECP.