Infrastructure as a Service (IaaS) Federal Cloud Computing Initiative GSA Blanket Purchasing Agreements Ordering Guide 2014

Figure 1

Version 4.3

Strategic Solutions Contract Operations Division

We offer a portfolio of pre-competed, Information Technology (IT) solutions Blanket Purchase Agreements (BPA) awarded to firms.

These BPA are for specialized IT products and solutions, including BPA related to the Federal Cloud Computing Initiative.

We make it easy for you giving you:

- ✓ Access to high-quality industry partners
- ✓ Pre-competed, multiple-award BPA
- ✓ Shorter procurement lead time
- ✓ Socioeconomic credit through FPDS-NG reporting
- ✓ Customer focused staff with experience in technology acquisitions
- ✓ Scope compatibility reviews of prospective orders & modifications
- ✓ Acquisition support
- ✓ Consistent service categories for all vendors

How to reach us:

Contact GSA Technology Solutions at (855) ITaid4U (482-4348) or email ITCSC@gsa.gov.

IAAS SERVICE LINE MANAGER
Skip Jentsch
skip.jentsch@gsa.gov
202-617-5356

IAAS ADMINSTRATIVE CONTRACTING OFFICER
Michael W. Hargrove
michael.hargrove@gsa.gov
703-459-5027

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1. Introduction

GSA competitively awarded the Infrastructure as a Service (IaaS) BPA according to FAR 8.405-3 to **provide ordering activities with IaaS offerings at discounted prices and to facilitate the following**:

1.1. IaaS Pricing

IaaS BPA holders must provide detailed pricing for explicitly defined, standard services, so customers can easily compare pricing for a single service across BPA holders. You can get more discounts at the Task Order level.

Pricing must be either at or below the vendor's IaaS BPA price; however, if additional **CLINs** are required from IT Schedule 70, pricing must be at those rates or lower.

If the provider is on another contract, such as STARS II, with lower pricing, they may offer that pricing.

1.2. Standardized Requirements

BPA holders must meet standardized technical and security requirements.

1.3. Comprehensive Services from a Single Task Order

Customers can use a single fixed-price task order to get infrastructure services.

1.4. Proven Acquisition Excellence

IaaS BPA **will be administered using GSA's proven acquisition processes to ensure compliance and efficiency**. IaaS BPA holder reporting requirements have already been established to make it easy for BPA users.

1.5. IaaS Services

These BPA offer ordering activities three key services:

- **Cloud Storage Services** - Scalable, redundant, dynamic Web-based storage that allow users to procure and use data and file storage capabilities remotely via the Internet.

- **Virtual Machines** – Virtualization services that provide on-demand virtual servers that dynamically allocate virtual machines based on load.

- **Cloud Web Hosting** – Web application hosting services in the cloud that enable scalable, redundant, dynamic web hosting services allowing users to get and **provision** Web hosting services online using a web browser via the Internet.

IaaS providers are allowed to offer individual lots, a comprehensive offering including all lots, or any combination of the three lots. An IaaS provider can exceed the requirements and

offer a greater product. **Ordering Activities** should carefully consider their low water mark, state the minimum requirements, and allow for greater capacity.

1.6. Synopsis

The GSA established multiple BPA for IaaS offerings on behalf of the Federal Cloud Computing Initiative. Products include storage, centralized managed security, multiple operating systems, and bandwidth utilization services.

These BPA will be managed by the GSA IaaS Program Management Office (PMO). Please see "How To Reach Us" for the Cloud PMO points of contact on page 2 of this guide.The IaaS BPA were awarded competitively against GSA Schedules. The ordering activity contracting officer must ensure compliance with all applicable fiscal laws before issuing an order under a BPA.

The contracting officer must also ensure that the BPA holder selected provides the best value for the requirement being ordered.

1.7. Funds Obligation

This BPA does not obligate any funds. Funds will be obligated on task orders that ordering activities issue.

1.8. Ordering Eligibility

The IaaS BPA may be used by any entity within the executive branch of government, and by state, local and tribal governments and other entities as listed in GSA Order ADM 4800.2G, Eligibility to Use GSA Sources of Supply and Services [PDF, 2.46 MB], which provides detailed information regarding the agencies and organizations that are eligible to use GSA sources.

- **Award Date:** 10/15/2010

- **Expire Date**: 10/14/2015

- **Period of Performance**: 5 years

1.9. Security

Before accepting an order from an ordering activity, BPA awardees must complete the Assessment & Authorization (A&A) process at the Federal Information Security Management Act (FISMA) Moderate Impact Data Security Level, as administered by GSA and indicated in section C.5.2 of the solicitation.

Important guidance for disclosing security safeguards and leveraging a pATO or established GSA ATO

In section C.5.3 (*Privacy Requirements*) of the IaaS BPA, this FAR reference (52.239-1) outlines the privacy rules for "security safeguards".

It states, "The Contractor **shall not publish or disclose in any manner, without the Contracting Officer's written consent**, the details of any safeguards either designed

or developed by the Contractor under this BPA or otherwise provided by the Government." Further, in Section D.7.5 (5) (i) (*Additional Stipulations*) there is an exception that essentially says that a vendor "[may disclose] to a Customer Agency for the purpose of A&A verification."

The following is the interpretation that should be considered as guidance by the IaaS BPA holder(s) interested in "*leveraging*" their Authority To Operate (ATO):

- An IaaS BPA vendor *may* disclose the Provisional Aututhority To Operate (pATO) issued by The Federal Risk and Authorization Management Program (**FedRAMP**) or the ATO letter issued by the GSA OCIO to an ordering activity to verify that the vendor holds a valid ATO issued by the GSA for the specific infrastructure in the agreement.

- An IaaS BPA vendor *may not disclose* to an ordering activity any of the security safeguards (i.e., documentation, controls, and reports) that went into issuing the FedRAP pATO or the GSA ATO *without written permission* from the Contract Officer.

- These pATO or ATOs are granted to the IaaS BPA holders and not their partners (if applicable). Requests for the disclosure of "security safeguards" can be made ONLY as it relates to the BPA holders, and leveraging of these GSA ATOs or FedRAMP pATOs can only be done on the part of the BPA holders.

The distinction needs to be made to avoid any unintended disclosures.

- If a vendor discloses any of those safeguards that comprise the pATO or the ATO, it would be interpreted as a violation (breach of contract) of the IaaS BPA **and** a violation of the vendor's IT Schedule 70 contract. It would be considered breach of IT Schedule 70 contract as the FAR reference (52.239-1) is also referenced in the IT Schedule 70 contracts. This scenario could lead to agreement/contract termination.

- Further, the violation would have to be disclosed by the Contracting Officer (CO), which could jeopardize future work by the vendor for the federal marketplace.

This distinction is being made to protect the BPA vehicles and the BPA vendors to avoid any unintended consequences.

1.10. General Information Website
IaaS BPA information is available at http://www.gsa.gov/iaas

FedRAMP information is available at http://www.**fedramp**.gov

1.11. IaaS Services List
See Master CLIN Structure Section 3.0.

1.12. List of Awarded Lots by Vendor

Cloud storage, virtual machines, and web hosting services may be obtained from the vendors with awards for the relevant Lots as shown in Table 1.

Awarded vendors have assembled skilled teams, including partners, that will support the development of quality services for ordering activities.

Table 1 Lots Awarded by Vendors

Vendor Name *Teaming Partners*	Schedule Contract Number	BPA Number	LOT 1 Storage	LOT 2 Virtual Machine	LOT 3 Web Hosting
Apptis, Inc. *Amazon Web Services*	GS-35F-0586V	GS00Q11AEA0001	X	X	
AT&T Corp.	GS-35F-0249J	GS00Q11AEA0002	X	X	
Autonomic Resources LLC *Carpathia, Enomaly, and Dell*	GS-35F-0587R	GS00Q11AEA0003		X	
Carahsoft Technology Corporation	GS-35F-0131R	GS00Q11AEA0004		X	
CGI Federal Inc.	GS-35F-4797H	GS00Q11AEA0005		X	X
Clear Government Solutions, Inc.	GS-35F-0285T	GS00Q11AEA0006	X	X	X
Computer Technologies Consultants, Inc. *SoftLayer, Inc.*	GS-35F-0377K	GS00Q11AEA0007	X	X	X
Eyak Technology, LLC	GS-35F-0317S	GS00Q11AEA0008	X	X	X
General Dynamics Information Technology *Carpathia*	GS-35F-4357D	GS00Q11AEA0009		X	
Insight Public Sector, Inc *Microsoft*	GS-35F-0009U	GS00Q11AEA0010	X		
Savvis Federal Systems, Inc.	GS-35F-0164M	GS00Q11AEA0011		X	X
Total Awards by Lot			**6**	**11**	**5**

2. Seven Steps to Order from Infrastructure as a Service BPA

This section provides seven simple steps necessary to place an order under the IaaS BPA.

A representative from GSA is always available to answer questions.

2.1. Scope Determination

2.1.1. Establish Ordering Activity Requirements

First, determine if the requirement is within scope of the IaaS BPA.

The following services are included:

- Lot 1 – Cloud Storage
- Lot 2 – Virtual Machine
- Lot 3 – Web Hosting

More details regarding the BPA's scope, terms and conditions, BPA holders and other BPA-specific information can be found at http://www.gsa.gov/iaas.

If you need further assistance to determine whether the requirements are within scope, please contact GSA Service Line Manager, Skip Jentsch at 202-617-5356 or e-mail skip.jentsch@gsa.gov and GSA Contracting Officer Michael W. Hargrove at 703-459-5027 (BlackBerry) or email michael.hargrove@gsa.gov.

2.2. Prepare Statement of Work (SOW) or Statement of Objectives (SOO)

When drafting your requirements, consider these points:

- Scope of work to be performed
- Performance objectives
- Technical requirements
- Deliverables

A sample SOO template is available at http://www.gsa.gov/iaas on the IaaS Resources page.

2.2.1. Location of Work

All IaaS BPA holders are required to have their IaaS servers and facilities located at a minimum of two different geographic locations in the Continental United States of America (CONUS), and all services acquired under the BPA are guaranteed to reside in CONUS.

2.2.2. Period of Performance

The term of the IaaS BPAwill be for five (5) years. Quoters may be awarded BPA that extend beyond the current term of their GSA Schedule contract as long as option periods exist in their GSA Schedule contract that, if exercised, will cover the BPA's period of performance [see FAR 8.405-3(c)]

2.3. Prepare the Request for Quote (RFQ)

Follow your agency's usual procedures for preparing an RFQ, including following any internal policy and procedures related to acquiring IT products and services.

Consider the following topics:

2.3.1. Task Order Value & Funding Type

Estimate the value of the order. For orders that are expected to exceed $1,000,000, you must include language in the RFQ that indicates you intend to seek more discounts.

If the intent is to use Recovery Act funding in whole or in part, an informational posting of the RFQ in Fedbizopps (FBO) (www.fedbizopps.gov) [ref FAR 5.704 and 8.404(e)] is required.

2.3.2. Service Level Agreement (SLA) (Performance Measurements)

Service providers must meet the SLA requirements specified by GSA, including an at minimum service availability of 99.5% (measured as Total Uptime Hours / Total Hours within the Month).

Ordering activities that acquire services through a Task Order on the BPA can negotiate lower pricing, but the service provider cannot charge prices above the specified prices for a higher level of service.

2.3.3.

Consider including some combination of technical capability, price, and past performance when crafting best value evaluation factors. All orders will be fixed price.

2.4. Issue the RFQ

FAR 8.4 applies when issuing the RFQ.

Ordering activities must issue RFQs to all BPA holders offering the requested services. Please see the IaaS Industry Partners' webpage for the IaaS BPA Contact information.

Further, and in accordance with Section C.5.2 of the solicitation, vendors must obtain a full authorization to operate before any ordering on the BPA is permitted. BPA holders may be solicited, quotes may be received, a winning vendor may be selected, and ordering activities can select a winner contingent upon an existing GSA-issued ATO or FedRAMP pATO.

Task orders cannot be issued until the FedRAMP pATO is complete or there is an existing GSA OCIO ATO. See Table 1 for Lot Awards per Vendor for BPA holders and services offered.

- Ordering activities with purchase cards can place orders directly with BPA holders for orders at or below the micro-purchase threshold of $3,000.

- Ordering activities shall forward the RFQ requirements and evaluation criteria to all BPA holders offering the requested services for orders above the micro-purchase threshold.

BPA users may issue an RFQ directly to the vendors listed in Table 1. Allow reasonable time for BPA holders to prepare quotes.

2.4.1. eBuy

Ordering activities may also issue an RFQ and receive RFQ responses through eBuy on the GSA Advantage website: https://www.gsaadvantage.gov/BPA

2.5. Evaluate

After the RFQ closes, evaluate all responses received using a selected evaluation approach. For example, an ordering activity could select the BPA awardee that represents the best value. Ordering activities determine their own evaluation criteria. See FAR 8.405-2(d) for additional guidance on this topic.

2.5.1. Price Reductions

Notwithstanding the BPA pricing discounts, ordering activities are encouraged and empowered to seek further price reductions when issuing orders under the IaaS BPA.

2.6. Award

Place the order as you would for any other fixed-price Multiple Award Schedule task order in accordance with FAR 8.406-1.

2.6.1. Documentation:

In accordance with the BPA and FAR 8.405-2(e), ordering activities shall document the following:

- Note the BPA holder receiving the Task Order & all BPA holders considered
- Description of what was purchased and agreed upon pricingThe evaluation methodology used in selecting the BPA holder to receive the Task Order
- The rationale for any tradeoffs in making the selection

- The price reasonableness determination required by FAR 8.405-2(d)
- The rationale for using other than a performance-based order

2.6.2. Other Helpful Hints:

Follow these helpful hints for preparing and awarding the Task Order:

- Make sure that the BPA number, the BPA holder's name, and Schedule Contract Number are included on all orders. Refer to FAR 8.406-1 for information to include on orders.

- Award Notices for orders placed under this BPA that are funded in whole or in part by the American Recovery and Reinvestment Act of 2009 (Pub. L. 11-5) must follow the procedures in FAR 5.705.

2.7. Task Order Administration

The IaaS BPA require that the ordering activity Task Order Contracting Officer use all standard Task Order administration practices such as:

- Surveillance and monitoring
- Performance assessment
- Timely invoicing processes

The predefined reporting requirements for the IaaS BPA are shown below:

Table 2: Predefined Reporting Requirements

Report(s)	Due Date	Report Initiator	Recipient(s)
Written notification of new Task Order (includes –Task Order Name and Number; **Name of Funding Agency POC; Name of Award Agency POC; Period of Performance; Estimated dollar value)** **Complete copy of Task Order**	Within five (5) days of award	BPA Holder	BPA Contracting Officer BPA Service Line Mgr
Monthly Task Order Status Report	15th of the following Month	BPA Holder	BPA Contracting Officer BPA Service Line Mgr Task Order Contracting Officer (courtesy copy-no action required)
Task Orders utilizing Recovery Funds	NLT Day 10 after the end of each quarter (April, June, September, December)	BPA Holder	www.FederalReporting.gov
Awarding Agency Contracting Officer – Task Order Summary Report	20th of the month following the end of each quarter (April, June, September, December)	IaaS BPA Program Office	Awarding Agency Contracting Officer Awarding Agency COR
Customer Satisfaction Report **(See Attachment B of this document for a sample)**	29th of the month following the end of each quarter (April, June, September,	Awarding Agency Contracting Officer	BPA Contracting Officer; BPA Service Line Mgr

December)	Task Order Contracting Officer

3. CLIN Pricing Worksheet with the Master CLIN Structure

Table 3: IaaS BPA CLIN Structure

CLIN	Description
LOT 1	**Price per Unit of Storage**
0001	**Cloud Storage GB/Month**
0001AA	Web Addressable Cloud Storage 0 GB/Month to 50,000 GB/Month
0001AB	Web Addressable Cloud Storage 50,001 GB/Month to 100,000 GB/Month
0001AC	Web Addressable Cloud Storage 100,001 GB/Month to 300,000 GB/Month
0001AD	Web Addressable Cloud Storage over 300,000 GB/Month
	Price per Unit for Data Transfer Bandwidth In
0002	**Data Transfer Bandwidth In GB/Month --Web Addressable Cloud**
0002AA	Bandwidth In 0 GB/Month to 10,000 GB /Month
0002AB	Bandwidth In 10,001 GB /Month to 50,000 GB/Month
0002AC	Bandwidth In 50,001 GB/Month to 150,000 GB/Month
0002AD	Bandwidth In Over 150,000 GB/Month
0002BA	BULK Transfer in
	Price per Unit for Data Transfer Bandwidth out
0003	**Data Transfer Bandwidth Out GB/Month --Web Addressable Cloud**
0003AA	Bandwidth Out 0 GB/Month to 10,000 GB /Month
0003AB	Bandwidth Out 10,001 GB /Month to 50,000 GB/Month
0003AC	Bandwidth Out 50,001 GB/Month to 150,000 GB/Month
0003AD	Bandwidth Out Over 150,000 GB/Month
0003BA	BULK Transfer out

CLIN	Description
LOT 2	**Price for Virtual Machine Bundle (Windows OS) – Persistent Storage**
0004	**Virtual Machine Bundle Windows OS -- Persistent Storage**
0004AA	32 Bit 1 Processor at 1.1 GHz -1 GB RAM, 40 GB HDD Bundle or equivalent
0004AB	32 Bit 1 Processor at 1.1 GHz -2 GB RAM, 80 GB HDD Bundle or equivalent
0004AC	32 Bit 1 Processor at 1.1 GHz -4 GB RAM, 160 GB HDD Bundle or equivalent
0004AD	32 Bit 1 Processor at 1.1 GHz -8 GB RAM, 320 GB HDD Bundle or equivalent
0004AE	32 Bit 1 Processor at 1.1 GHz -15.5 GB RAM, 620 GB HDD Bundle or equivalent
0004BA	64 Bit 1 Processor at 1.1 GHz -1 GB RAM, 40 GB HDD Bundle or equivalent
0004BB	64 Bit 1 Processor at 1.1 GHz -2 GB RAM, 80 GB HDD Bundle or equivalent
0004BC	64 Bit 1 Processor at 1.1 GHz -4 GB RAM, 160 GB HDD Bundle or equivalent
0004BD	64 Bit 1 Processor at 1.1 GHz -8 GB RAM, 320 GB HDD Bundle or equivalent
0004BE	64 Bit 1 Processor at 1.1 GHz -15.5 GB RAM, 620 GB HDD Bundle or equivalent
0004CA	Windows Server® 2003 Standard Edition 32 and 64 bit
0004CB	Windows Server® 2008 Standard Edition 32 and 64 bit
0004CC	Windows Server® 2003 Enterprise 32 and 64 bit
0004CD	Windows Server® 2008 Enterprise Edition 32 and/or 64-bit
0004CE	Windows Server® 2008 R2 Datacenter 32 and/or 64 bit
0004CF	Windows Server® 2003 R2 Datacenter 32 and/or 64 bit
0004CH	Windows Server® 2008 Enterprise Edition 32 and/or 64-bit (OutSourced)

CLIN	Description
0004DA	64 Bit 2 Processors at 3 GHz -1 GB RAM, 40 GB HDD Bundle or equivalent
0004DB	64 Bit 2 Processors at 3 GHz -2 GB RAM, 80 GB HDD Bundle or equivalent
0004DC	64 Bit 2 Processors at 3 GHz -4 GB RAM, 160 GB HDD Bundle or equivalent
0004DD	64 Bit 2 Processors at 3 GHz -8 GB RAM, 320 GB HDD Bundle or equivalent

CLIN	Description
LOT 2	**Price for Virtual Machine Bundle (LinuxOS) -- Persistent storage**
0005	**Virtual Machine Bundle Linux OS -- Persistent storage**
0005AA	32 Bit 1 Processor at 1.1 GHz -1 GB RAM, 40 GB HDD Bundle or equivalent
0005AB	32 Bit 1 Processor at 1.1 GHz -2 GB RAM, 80 GB HDD Bundle or equivalent
0005AC	32 Bit 1 Processor at 1.1 GHz -4 GB RAM, 160 GB HDD Bundle or equivalent
0005AD	32 Bit 1 Processor at 1.1 GHz -8 GB RAM, 320 GB HDD Bundle or equivalent
0005AE	32 Bit 1 Processor at 1.1 GHz -15.5 GB RAM, 620 GB HDD Bundle or equivalent
0005BA	64 Bit 1 Processor at 1.1 GHz -1 GB RAM, 40 GB HDD Bundle or equivalent
0005BB	64 Bit 1 Processor at 1.1 GHz -2 GB RAM, 80 GB HDD Bundle or equivalent
0005BC	64 Bit 1 Processor at 1.1 GHz -4 GB RAM, 160 GB HDD Bundle or equivalent
0005BD	64 Bit 1 Processor at 1.1 GHz -8 GB RAM, 320 GB HDD Bundle or equivalent
0005BE	64 Bit 1 Processor at 1.1 GHz -15.5 GB RAM, 620 GB HDD Bundle or equivalent
0005CA	Ubuntu® v.10 32 and/or 64 bit
0005CB	Red Hat® Enterprise Linux® 5.5® 32 and/or 64 bit
0005CC	CentOS 5.0, 5.5 32 and/or 64 bit
0005CD	SUSE Linux Enterprise Version 11.3 32 and/or 64 bit
0005CE	Red Hat® Enterprise Linux 4. 32 and/or 64 bit
0005CF	Fedora Core 8 32 and/or 64 bit
0005CG	Debian 32 and/or 64 bit
0005DA	32 Bit 2 Processors at 3 GHz -1 GB RAM, 40 GB HDD Bundle or equivalent

CLIN	Description
0005DB	32 Bit 2 Processors at 3 GHz -2 GB RAM, 80 GB HDD Bundle or equivalent
0005DC	32 Bit 2 Processors at 3 GHz -4 GB RAM, 160 GB HDD Bundle or equivalent
0005DD	32 Bit 2 Processors at 3 GHz -8 GB RAM, 320 GB HDD Bundle or equivalent
0005EA	64 Bit 2 Processors at 3 GHz -1 GB RAM, 40 GB HDD Bundle or equivalent
0005EB	64 Bit 2 Processors at 3 GHz -2 GB RAM, 80 GB HDD Bundle or equivalent
0005EC	64 Bit 2 Processors at 3 GHz -4 GB RAM, 160 GB HDD Bundle or equivalent
0005ED	64 Bit 2 Processors at 3 GHz -8 GB RAM, 320 GB HDD Bundle or equivalent

CLIN	Description
LOT 2	**Price for Virtual Machine Hosting Bundles (Solaris OS) -- Persistent**
0006	**Virtual Machine Bundle Solaris OS -- Persistent storage**
0006AA	32 Bit 1 Processor at 1.1 GHz -1 GB RAM, 40 GB HDD Bundle or equivalent
0006AB	32 Bit 1 Processor at 1.1 GHz -2 GB RAM, 80 GB HDD Bundle or equivalent
0006AC	32 Bit 1 Processor at 1.1 GHz -4 GB RAM, 160 GB HDD Bundle or equivalent
0006AD	32 Bit 1 Processor at 1.1 GHz -8 GB RAM, 320 GB HDD Bundle or equivalent
0006AE	32 Bit 1 Processor at 1.1 GHz -15.5 GB RAM, 620 GB HDD Bundle or equivalent
0006BA	64 Bit 1 Processor at 1.1 GHz -1 GB RAM, 40 GB HDD Bundle or equivalent
0006BB	64 Bit 1 Processor at 1.1 GHz -2 GB RAM, 80 GB HDD Bundle or equivalent
0006BC	64 Bit 1 Processor at 1.1 GHz -4 GB RAM, 160 GB HDD Bundle or equivalent
0006BD	64 Bit 1 Processor at 1.1 GHz -8 GB RAM, 320 GB HDD Bundle or equivalent
0006BE	64 Bit 1 Processor at 1.1 GHz -15.5 GB RAM, 620 GB HDD Bundle or equivalent
0006CA	SunOS Solaris v.10 32 and/or 64 bit
0006CB	Open Solaris Version 2008.11, 2009.06 32 and/or 64 bit
0007	**Supplemental Disk Space for Virtual Machine Lots -- Persistent storage**
0007AA	Additional Disk Space for: 1 GB RAM VM Bundle CLIN (0004-6)AA (0004-6)BA
0007AB	Additional Disk Space for: 2 GB RAM VM Bundle CLIN (0004-6)AB (0004-6)BB
0007AC	Additional Disk Space for: 4 GB RAM VM Bundle CLIN (0004-6)AC (0004-6)BC
0007AD	Additional Disk Space for: 8 GB RAM VM Bundle CLIN (0004-6)AD

CLIN	Description
	(0004-6)BD
0007AE	Additional Disk Space for: 15.5 GB RAM VM Bundle CLIN (0004-6)AE (0004-6)BE

CLIN	Description
LOT 2	**Price for Virtual Machine Bundle (Windows OS) -- non-persistent storage**
0008	**Virtual Machine Bundle Windows OS -- non-persistent storage**
0008AA	32 Bit -1 GB RAM, 40 GB HDD Bundle or equivalent
0008AB	32 Bit -2 GB RAM, 80 GB HDD Bundle or equivalent
0008AC	32 Bit -4 GB RAM, 160 GB HDD Bundle or equivalent
0008AD	32 Bit -8 GB RAM, 320 GB HDD Bundle or equivalent
0008AE	32 Bit -15.5 GB RAM, 620 GB HDD Bundle or equivalent
0008BA	64 Bit -1 GB RAM, 40 GB HDD Bundle or equivalent
0008BB	64 Bit -2 GB RAM, 80 GB HDD Bundle or equivalent
0008BC	64 Bit -4 GB RAM, 160 GB HDD Bundle or equivalent
0008BD	64 Bit -8 GB RAM, 320 GB HDD Bundle or equivalent
0008BE	64 Bit -15.5 GB RAM, 620 GB HDD Bundle or equivalent
0008CA	Windows Server® 2003 Standard Edition 32 and 64 bit
0008CB	Windows Server® 2008 Standard Edition 32 and 64-bit
0008CC	Windows Server® 2003 Enterprise Edition 2003 32 and 64 bit
0008CD	Windows Server® 2008 Enterprise Edition 32 and 64-bit
0008CE	Windows Server® 2008 R2 DataCenter 32 and 64 bit
0008CF	Windows Server® 2003 R2 DataCenter 32 and 64 bit

CLIN	Description
LOT 2	**Price for Virtual Machine Bundle (LinuxOS) -- non-persistent storage**
0009	**Virtual Machine Bundle Linux OS -- non-persistent storage**
0009AA	32 Bit -1 GB RAM, 40 GB HDD Bundle or equivalent
0009AB	32 Bit -2 GB RAM, 80 GB HDD Bundle or equivalent
0009AC	32 Bit -4 GB RAM, 160 GB HDD Bundle or equivalent
0009AD	32 Bit -8 GB RAM, 320 GB HDD Bundle or equivalent
0009AE	32 Bit -15.5 GB RAM, 620 GB HDD Bundle or equivalent
0009BA	64 Bit -1 GB RAM, 40 GB HDD Bundle or equivalent
0009BB	64 Bit -2 GB RAM, 80 GB HDD Bundle or equivalent
0009BC	64 Bit -4 GB RAM, 160 GB HDD Bundle or equivalent
0009BD	64 Bit -8 GB RAM, 320 GB HDD Bundle or equivalent
0009BE	64 Bit -15.5 GB RAM, 620 GB HDD Bundle or equivalent
0009CA	Ubuntu® v.10 32 and/or 64 bit
0009CB	Red Hat® Enterprise Linux® 5.5® 32 and/or 64 bit
0009CC	CentOS 5.0, 5.5 32 and/or 64 bit
0009CD	SUSE Linux Enterprise Version 11.3 32 and/or 64 bit
0009CE	Red Hat® Enterprise Linux 4. 32 and/or 64 bit
0009CF	Fedora Core 8 32 and/or 64 bit
0010	**Virtual Machine Bundle Solaris OS -- non-persistent storage**
0010AA	32 Bit -1 GB RAM, 40 GB HDD Bundle or equivalent
0010AB	32 Bit -2 GB RAM, 80 GB HDD Bundle or equivalent
0010AC	32 Bit -4 GB RAM, 160 GB HDD Bundle or equivalent
0010AD	32 Bit -8 GB RAM, 320 GB HDD Bundle or equivalent

CLIN	Description
0010AE	32 Bit -15.5 GB RAM, 620 GB HDD Bundle or equivalent
0010BA	64 Bit -1 GB RAM, 40 GB HDD Bundle or equivalent
0010BB	64 Bit -2 GB RAM, 80 GB HDD Bundle or equivalent
0010BC	64 Bit -4 GB RAM, 160 GB HDD Bundle or equivalent
0010BD	64 Bit -8 GB RAM, 320 GB HDD Bundle or equivalent
0010BE	64 Bit -15.5 GB RAM, 620 GB HDD Bundle or equivalent
0010CA	SunOS Solaris v.10 32 and/or 64 bit
0010CB	Open Solaris Version 2008.11, 2009.06 32 and/or 64 bit
0011	**Persistent Block Cloud Storage for Virtual Machine Lots**
0011AA	Provisioned Disk/Block Cloud Storage/Volume for Virtual Machine Lots -- to be used on Non-Persistent Virtual Machines Instances
0011AB	Disk/Block Storage I/O requests for Virtual Machine Lots -- to be used on Non-Persistent Virtual Machines Instances

CLIN	Description
LOT 2	**Price per Unit for Data Transfer Bandwidth In**
0012	**Virtual Machine Data Transfer Bandwidth**
0012AA	Bandwidth In 0 GB/Month to 10,000 GB /Month
0012AB	Bandwidth In 10,001 GB /Month to 50,000 GB/Month
0012AC	Bandwidth In 50,001 GB/Month to 150,000 GB/Month
0012AD	Bandwidth In Over 150,000 GB /Month
0012BA	BULK Transfer in
0013	**Virtual Machine Data Transfer Bandwidth**
0013AA	Bandwidth Out 0 GB/Month to 10,000 GB /Month
0013AB	Bandwidth Out 10,001 GB /Month to 50,000 GB/Month
0013AC	Bandwidth Out 50,001 GB/Month to 150,000 GB/Month
0013AD	Bandwidth Out Over 150,000 GB /Month
0013BA	BULK Transfer out

CLIN	Description
LOT 3	Price for Cloud Web Hosting Bundles (Windows OS or equivalent)
0014	**Web Hosting Bundle Windows OS or equivalent**
0014AA	10 GB Disk, 300 GB Bandwidth//Month Bundle or equivalent
0014AB	50 GB Disk, 500 GB Bandwidth//Month Bundle or equivalent
0014AC	150 GB Disk, 1500 GB Bandwidth//Month Bundle or equivalent
0014BA	Windows Server® 2003 Standard Edition 32 and/or 64-bit
0014BB	Windows Server® 2008 Standard Edition 32 and/or 64 bit
0014BD	Windows Server® 2003 Enterprise Edition 32 and/or 64 bit
0014BE	Windows Server® 2008 Enterprise Edition 32 and/or 64 bit
0014BF	Microsoft Server® 2003 R2 DataCenter 32 and/or 64 bit
0014BG	Microsoft Server® 2008 R2 DataCenter 32 and/or 64 bit
0014CA	MySQL for Windows
0014CB	Microsoft SQL Server® Enterprise Edition 2008
0014CC	Microsoft SQL Server® Standard Edition 2008
0014CD	Microsoft SQL Server® Web
0014CE	Microsoft SQL Server® Workgroup
0014CF	Oracle 10,11G
0014CG	PostgreSQL
0014CH	Oracle TechnologyPAK v.10,11G
0014DA	Windows IIS Web server software
0014DB	Apache + PHP stack
0014DC	Apache + TomCat stack
0014DD	DNS Manager
0014DE	J2EE Application Service

CLIN	Description
0014DF	PERL
0014DG	Python
0014DH	Ruby
0014DI	.NET
0014DJ	Authentication
0014DK	DNS Security Extensions
0014DL	Weblogic Server
0014DM	Websphere Application Server
0015	**Web Hosting Bundle Linux/Unix OS or equivalent**
0015AA	10 GB Disk, 300 GB Bandwidth//Month Bundle or equivalent
0015AB	50 GB Disk, 500 GB Bandwidth//Month Bundle or equivalent
0015AC	150 GB Disk, 1500 GB Bandwidth//Month Bundle or equivalent
0015BA	CentOS 5.0, 5.5 32 and/or 64 bit
0015BB	Red Hat® Enterprise Linux® 5.5 32 and/or 64 bit
0015BC	Ubuntu® v.10 32 and/or 64 bit
0015BD	SUSE Linux Enterprise Version 11.3 32 and/or 64 bit
0015BE	Debian
0015CA	MySQL
0015CF	Oracle 10,11G
0015CG	PostgreSQL
0015CH	Oracle TechnologyPAK v.10,11G
0015DB	Apache + PHP stack
0015DC	Apache + TomCat stack
0015DD	DNS Manager

CLIN	Description
0015DE	J2EE Application Service
0015DF	PERL
0015DG	Python
0015DH	Ruby
0015DI	.NET
0015DJ	Authentication
0015DK	DNS Security Extensions
0015DL	Weblogic Server
0015DM	Websphere Application Server
0016	**Web Hosting Supplemental Disk Space**
0016AA	10 GB Bundle or equivalent
0016AB	50 GB Bundle or equivalent
0016AC	150 GB Bundle or equivalent
0017	**Web Hosting Supplemental Data Transfer In**
0017AA	10 GB Bundle or equivalent
0017AB	50 GB Bundle or equivalent
0017AC	150 GB Bundle or equivalent
0017BA	BULK Transfer in
0018	**Web Hosting Supplemental Data Transfer Out**
0018AA	10 GB Bundle or equivalent
0018AB	50 GB Bundle or equivalent
0018AC	150 GB Bundle or equivalent
0018BA	BULK Transfer out