

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		1. CONTRACT ID CODE	PAGE OF	PAGES
			1	3

2. AMENDMENT/MOIFICATION NO. A0003	3. EFFECTIVE DATE May 30, 2008	4. REQUISITION/PURCHASE REQUEST NO. N/A	5. PROJECT NO. (If applicable)
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6. ISSUED BY U.S. Department of Housing and Urban Development (HUD) Office of the Chief Procurement Officer 451 Seventh Street, SW, Room 5266 Washington, DC 20410	7. ADMINISTERED BY (If other than Item 6) Katharina Washington, Contract Specialist Office: (202) 402-3240 Email: Katharina.Washington@hud.gov
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8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and ZIP Code) Potential Offeror	(v) <input checked="" type="checkbox"/>	9A. AMENDMENT OF SOLICITATION NO. R-OPC-23287
		9B. DATED (SEE ITEM 11) May 2, 2008
		10A. MODIFICATION OF CONTRACT/ORDER NO.
		10B. DATED (SEE ITEM 13)

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

The numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of offers is extended is not extended

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing Items 8 and 15, and returning 1 copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or, (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If, by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)
Not Applicable

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

(v)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation data, etc.) AS SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103.(b) .
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	D. OTHER (Specify type of modification and authority)

IMPORTANT: Contractor is not is required to sign this document and return copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

The purpose of this amendment is to add the proposed Government furnished property (GFP) and change the period of performance.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)	16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) DANA Y. LONG CONTRACTING OFFICER
15B. CONTRACTOR/OFFEROR <i>(Signature of person authorized to sign)</i>	15C. DATE SIGNED
16B. UNITED STATES OF AMERICA BY <i>(Signature of Contracting Officer)</i>	16C. DATE SIGNED

1. Change paragraph C.2.07 (c) (3) from

“As part of the implementation of the BPI, Ginnie Mae’s current legacy system-based architecture will migrate to an on-line, web-enabled environment. It is anticipated that the Enterprisewide Operational Data Store (EWODS), the Portal and the new version of GinnieNET will be implemented in November 2008. The Integrated Pool Management System (IPMS) will not be completely developed at contract transition. The Contractor shall continue to design and develop the last phases of the IPMS and other BPI activities during the base period of the contract.”

to read

“As part of the implementation of the BPI, Ginnie Mae’s current legacy system-based architecture will migrate to an on-line, web-enabled environment. It is anticipated that the Enterprisewide Operational Data Store (EWODS) and the Portal will be implemented in November 2008. Ginnie Mae will provide all hardware and software to operate the Enterprise Wide Operational Data Store and the Ginnie Mae Portal. A list of the proposed hardware and software for the Portal and the Enterprise Wide Operational Data Store is attached (see Section J, Attachments 5 and 6). Ginnie Mae will provide the software applications for the remaining legacy systems listed in the RFP. The contractor shall provide the hardware and software to support the remaining legacy application. The Integrated Pool Management System (IPMS) will not be completely developed at contract transition. The Contractor shall continue to design and develop the last phases of the IPMS and other BPI activities during the base period of the contract.”

2. Change paragraph C.3.01 (a) from “Successfully transition-in the contract services within five (5) months of contract award,” to read “Successfully transition-in the contract services within **six (6)** months of contract award.”
3. Change paragraph C.3.01 (b) from “...within the five-month transition period...,” to read within the **six-month** transition period...”
4. Change paragraph C.3.01 (c) from “Provide a five-month transition-in plan...,” to read “Provide a **six-month** transition-in plan...”
5. Change paragraph F.2, PERIOD OF PERFORMANCE to read as follows:

Line Item 0001 The Contractor shall perform all services under this line item from **February 1, 2009 through July 31, 2009.**

Line Items 0002-0020 The ordering period for these IDIQ line items is from **August 1, 2009 through July 31, 2012.** The period of performance for each Task Order shall be specified in the Task Order, but under no circumstances may the period of performance of a Task Order extend beyond **July 31, 2013.**

Option Items 0102-0120 the contractor shall perform all services under this line item from **August 1, 2012 through July 31, 2013.** The period of performance for each Task Order shall be specified in the Task Order, but under no circumstances may the period of performance of a Task Order extend beyond **July 31, 2014.**

Option Items 0202-0220 the contractor shall perform all services under this line item from **August 1, 2013** through January 31, 2014. The period of performance for each Task Order shall be specified in the Task Order, but under no circumstances may the period of performance of a Task Order extend beyond January 31, 2015.

Line Item 0021: the contractor shall perform all services under this line item for six (6) months.

- 6. Change paragraph H.4, GOVERNMENT-FURNISHED PROPERTY AND INFORMATION, from

“... HUD intends to amend the solicitation to provide Offerors with a detailed list of additional hardware and software being provided to support this contract as government-furnished property, as the result of the Business Process Improvement (BPI) initiative that is ongoing. Additional information regarding the BPI initiative shall be provided to Offerors at the pre-proposal conference. See Section C.2.07(c) of the RFP for a detailed description of the BPI initiative...”

to read

“... HUD intends to amend the solicitation to provide Offerors with a detailed list of additional hardware and software being provided to support this contract as government-furnished property, as the result of the Business Process Improvement (BPI) initiative that is ongoing. In the interim, a list of the proposed hardware and software for the Portal and Enterprise Wide Operational Data Store is attached (see Section J, Attachments 5 and 6). Additional information regarding the BPI initiative shall be provided to Offerors at the pre-proposal conference. See Section C.2.07(c) of the RFP for a detailed description of the BPI initiative...”

- 7. Change SECTION J – LIST OF ATTACHMENTS to read as follows:

<u>ATTACHMENT</u> <u>NUMBER</u>	<u>TITLE</u>	<u>DATE</u>	<u>NO.</u> <u>PAGES</u>
1	ACH/FED Wire Form	N/A	1
2	“Offeror Agreement”	N/A	1
3	“Nondisclosure Agreement”	N/A	1
4	Past Performance Evaluation Survey	N/A	3
5	PROPOSED Portal HW and SW GFP	N/A	10
6	PROPOSED EWODS HW and SW GFP	N/A	12

- 8. Incorporate the attached Section J, Attachments 5 and 6.

(PROPOSED) Portal Hardware & Software Summary				
INTEL HARDWARE				
Production	Qty	GFP	(PROPOSED)	
HP DL380 G5 Server - Web Servers (DMZ)	2		Web Proxy forwarding HTTP / HTTPS / SFTP traffic	
HP DL380 G5 Server - Application / Portal Servers	2		Facilitate the single sign-on and enhanced security of the Portal Application	
HP DL380 G5 Server - BEA Aqualogic .NET Servers	2		Supports the Portal to Interface with .NET apps (RFS)	
HP DL380 G5 Server - SFTP Servers	2		Supports secure file transfer of bulk files from issuers	
Contingency	Qty	GFP		
HP DL380 G5 Server - Web Servers (DMZ)	2		Web Proxy forwarding HTTP / HTTPS / SFTP traffic	
HP DL380 G5 Server - Application / Portal Servers	2		Facilitate the single sign-on and enhanced security of the Portal Application	
HP DL380 G5 Server - BEA Aqualogic .NET Servers	2		Supports the Portal to Interface with .NET apps (RFS)	
HP DL380 G5 Server - SFTP Servers	2		Supports secure file transfer of bulk files from issuers	
Development		GFP		
HP DL380 G5 Server - Web Server (DMZ)	1		Web Proxy forwarding HTTP / HTTPS / SFTP traffic	
HP DL380 G5 Server - Application / Portal Server	1		Facilitate the single sign-on and enhanced security of the Portal Application	
HP DL380 G5 Server - BEA Aqualogic .NET Server	1		Supports the Portal to Interface with .NET apps (RFS)	
HP DL380 G5 Server - SFTP Server	1		Supports secure file transfer of bulk files from issuers	
INTEL HARDWARE MAINTENANCE				
		Non-GFP		
Production				
Intel Servers - Not Pre-Paid	8			
Contingency				
Intel Servers - Not Pre-Paid	8			
Development				
Intel Servers - Not Pre-Paid	4			
TELECOMMUNICATIONS				
Lan Lines to CNJ & TPC	60	Non-GFP		
Power Installation - CNJ	8			
Power Installation - TPC	6			
Power Strips TPC & CNJ	8			
Patch Cords	40			

(PROPOSED) Portal Hardware & Software Summary				
INTEL HARDWARE				
Production	Qty	GFP	(PROPOSED)	
Production		Non-GFP		
DATA CAPITAL				
Cat6 Jumper Cables 10' - TPC	24			
Cat6 Jumper Cables 6' - TPC	24			
Contingency		Non-GFP		
DATA CAPITAL				
Cat6 Jumper Cables 10' - TPC	36			
Cat6 Jumper Cables 6' - TPC	36			
3rd ZONED NETWORK HARDWARE				
	Qty	Non-GFP	Hardware needed to facilitate enhanced security of database tier using the 3-zoned network architecture approach	
Cisco 3750 Switches	8			
Switch Hardware Maintenance	8			
Juniper SSG 550m	4			
Juniper 8-Port GigE 10/100/1000	4			
Juniper Next Business Day Support Level, 24x7 Support and Hardware Replacement	4			
INTEL SERVER SOFTWARE				
Production		GFP	BEA software is used for supporting the Ginnie Mae Enterprise Portal application	
Web Servers				
BEA Weblogic Server 9.2	4		HTTP / HTTPS Proxy	
App / Portal Servers				
BEA Weblogic Server 9.2	4		Weblogic App Server	
BEA Weblogic Portal	4		Portal App	
BEA Workshop for WLS 9.2	4			
BEA Aqualogic .NET Application Accelerator	4		Supports the Portal to Interface with .NET apps (RFS)	
Contingency		GFP	BEA software is used for supporting the Ginnie Mae Enterprise Portal application	
Web Servers				

(PROPOSED) Portal Hardware & Software Summary				
INTEL HARDWARE				
Production	Qty	GFP	(PROPOSED)	
BEA Weblogic Server 9.2	4		HTTP / HTTPS Proxy	
App / Portal Servers				
BEA Weblogic Server 9.2	4		Weblogic App Server	
BEA Weblogic Portal	4		Portal App	
BEA Workshop for WLS 9.2	4			
BEA Aqualogic .NET Application Accelerator	4		Supports the Portal to Interface with .NET apps (RFS)	
Development		GFP	BEA software is used for supporting the Ginnie Mae Enterprise Portal application	
Web Server			HTTP / HTTPS Proxy	
BEA Weblogic Server 9.2	2		HTTP / HTTPS Proxy	
App / Portal Server				
BEA Weblogic Server 9.2	2		Weblogic App Server	
BEA Weblogic Portal	2		Portal App	
BEA Workshop for WLS 9.2	2			
BEA Aqualogic .NET Application Accelerator	2		Supports the Portal to Interface with .NET apps (RFS)	
SOFTWARE for SECURE FTP SERVERS				
		GFP	Supports secure file deliveries from issuers	
Production				
Secure File Deletion Software - Window Washer	6		Secure file deletion after issuer files get to EWODS	
WS_FTP Server with SSH Lic, 1 year serv, 1 server	2		SFTP Server	
WS_FTP Professional 2007 Client	2		SFTP Client	
Contingency				
Secure File Deletion Software - Window Washer	6		Secure file deletion after issuer files get to EWODS	
WS_FTP Server with SSH Lic, 1 year serv, 1 server	2		SFTP Server	
WS_FTP Professional 2007 Client	1		SFTP Client	
Development				
Secure File Deletion Software - Window Washer	3		Secure file deletion after issuer files get to EWODS	
WS_FTP Server with SSH Lic, 1 year serv, 1 server	1		SFTP Server	

(PROPOSED) Portal Hardware & Software Summary				
INTEL HARDWARE				
Production	Qty	GFP	(PROPOSED)	
Sun LDAP	Qty		Sun LDAP facilitates the synchronization and management of User IDs between the Portal Application and Business Objects	
Sun LDAP Software (for 10 1K entries)	10	GFP		
Software Maintenance				
Sun LDAP Software (for 10 1K entries) - Maintenance	10	GFP		
CA Siteminder				
			Siteminder facilitates the synchronization and authentication of user IDs between LDAP and Business Objects	
SiteMinder Blended User License*		GFP		
SiteMinder Blended User Maintenance (20%)		GFP		
SiteMinder Agent for BEA Weblogic (per CPU)		GFP		
SiteMinder Agent for BEA Weblogic Maintenance (20%)		GFP		
INTEL SERVER SOFTWARE				
Production - Portal Servers	Qty		Description	
BNY Server Management Software Tools (OpenView & ConfigurSoft)	8	Non-GFP	Server monitoring software	
Windows Server Standard 2003	6	Non-GFP	Server OS	
Windows Server Enterprise 2003	2	Non-GFP	Server OS with Clustering	
ISA Server Ent Edition - per processor	4	Non-GFP	Supports SFTP Proxy	
Contingency - Portal Servers				
BNY Server Management Software Tools (OpenView & ConfigurSoft)	8	Non-GFP	Server monitoring software	
Windows Server Standard 2003	6	Non-GFP	Server OS	
Windows Server enterprise 2003	2	Non-GFP	Server OS with Clustering	
ISA Server Ent Edition - per processor	4	Non-GFP	Supports SFTP Proxy	
Development - Portal Servers				
BNY Server Management Software Tools (OpenView & ConfigurSoft)	4	Non-GFP	Server monitoring software	
Windows Server Standard 2003	4	Non-GFP	Server OS	
ISA Server Ent Edition - per processor	2	Non-GFP	Supports SFTP Proxy	

(PROPOSED) Portal Hardware & Software Summary				
INTEL HARDWARE				
Production	Qty	GFP	(PROPOSED)	
SSL Certificates from Verisign		Non-GFP		
128 Bit SSL Certificates				
Browser to PROD Proxy	2			
PROD Proxy to PROD Portal	2			
Browser to DR Proxy	2			
DR Proxy to DR Portal	2			
Browser to SIT Proxy	1			
SIT Proxy to SIT Portal	1			
Browser to UAT Proxy	1			
SIT Proxy to UAT Portal	1			
Browser to Training Proxy	1			
SIT Proxy to Training Portal	1			
SIT URL Registration		Non-GFP		
UAT URL Registration				
Training URL Registration				

(PROPOSED) EWODS Hardware & Software Summary			
HW/SW	QTY	GFP/Non-GFP	Requirement
UNIX Hardware - Production		GFP	
Oracle RAC Database server - Production HA			Supports Oracle data store
Sun V890 - Oracle RAC - 4 Way @ 1800 + 32GB	2		
ETL Server with Local Failover			Supports Informatica Extract Transform and Load software
Sun V490 2x1.8GHz USIV+ 16GB 2x146GB Disks	2		
Business Objects Server with Local Failover			Supports business intelligence reporting
Sun V490 2x1.8GHz USIV+ 16GB 2x146GB Disks	2		
UNIX Hardware - Contingency		GFP	
Oracle RAC Database server Contingency			Supports Oracle data store
Sun V890 - Oracle RAC - 4 Way @ 1800 + 32GB	2		
ETL Server - Contingency			Supports Informatica Extract Transform and Load software
Sun V490 2x1.8GHz USIV+ 16GB 2x146GB Disks	2		
Business Objects Server - Contingency			Supports business intelligence reporting
Sun V490 2x1.8GHz USIV+ 16GB 2x146GB Disks	1		
Dev / UAT Servers		GFP	
Sun V490 2x1.8GHz USIV+ 16GB 2x146GB Disks	2		1 Server supports Oracle, 2nd supports Informatica & Bus. Obj.
Server cabinets, patch cables and EMC cross over cables			
ProductionServer Cabinet	Qty	GFP	
Sun Cabinet Frame	2		
Sun Cabinet Jumper cable kit	2		
Sun Cabinet Power Jumper Cables	2		
Sun Cabinet Carrier Cord/Pwr Strips Bundle	2		
Sun Cabinet Modular Power System NEMA L6-30	2		
Sun Cabinet Filler Panels	2		
Power for Sun Cabinets	2		
Contingency Server Cabinet		GFP	
Sun Cabinet Frame	2		

(PROPOSED) EWODS Hardware & Software Summary			
HW/SW	QTY	GFP/Non-GFP	Requirement
Sun Cabinet Jumper cable kit	2		
Sun Cabinet Power Jumper Cables	2		
Sun Cabinet Carrier Cord/Pwr Strips Bundle	2		
Sun Cabinet Modular Power System NEMA L6-30	2		
Sun Cabinet Filler Panels	2		
Power for Sun Cabinets	2		
EMC Cables - Contingency		GFP	
EMC Cables	12		
Cross-Over Cables	4		
EMC Cables - Production		GFP	
EMC Cables	14		
Cross-Over Cables	4		
Telecom - Data Capital		Non-GFP	
Cat6 Jumpers - 10' - TPC	32		
Cat6 Jumpers - 6' - TPC	32		
Cat6 Jumpers - 10' - CNJPC	28		
Cat6 Jumpers - 6' - CNJPC	28		
Telecom -		Non-GFP	
Lan Lines/TPC	24		
Lan Lines/CNJPC	28		
Storage Area Network for EWODS servers		GFP	Storage size is 15TB for each location - PROD and DR
EMC HARDWARE & SUPPORT - PROD			
TPC 146GB 15k - SYMM7.5 2 PAIR SOLUTION			
EMC HARDWARE & SUPPORT - DR			
TPC 146GB 15k - SYMM7.5 2 PAIR SOLUTION			
TSM ENCRYPTION (no solution yet)	4	Non-GFP	HW / SW to support backup encryption

(PROPOSED) EWODS Hardware & Software Summary			
HW/SW	QTY	GFP/Non-GFP	Requirement
DATA COMMUNICATION HARDWARE - IBM	QTY	Non-GFP	Cisco Route 7206 supports encryption of traffic across the four T3 circuits
Router 7206VXR, NPE-G2, VAM2+, C7200-JC-PA, AC pwr, 1Gig mem,SDM	8		
Maintenance (Data & Voice)	QTY	Non-GFP	
Router Maintenance charge	8		
Cabling		Non-GFP	
UNIX SOFTWARE	QTY		
TPC Oracle RAC DB Server Software		GFP	
Oracle Database Enterprise Edition - 4Dual Core CPU License (Cost =1.5 x Dual Core CPU Socket)	12		Oracle data store software
Oracle RAC - 4DC CPU License (Cost =1.5 x Dual Core CPU Socket)	12		Oracle data store software
Connect:Direct® UNIX Choice Server (3 concurrent sessions)	1		Supports moving files from Mainframe to Solaris
Connect:Direct® UNIX 128 Bit Secure+ Option	1		Supports moving files from Mainframe to Solaris
ETL Server - PROD		GFP	
PowerCenter Standard Edition Repository (For single Repository)	1		Supports Informatica Extract Transform and Load software
PowerCenter Standard Edition CPU (For 2 CPU Dual Core box)	4		Supports Informatica Extract Transform and Load software
PowerCenter Partitioning Option (For 2 CPU Dual Core box)	4		Supports Informatica Extract Transform and Load software
PowerExchange for VSAM Batch Option (For 250 MIPPS)	250		Supports Informatica Extract Transform and Load software
PowerExchange for DB2 Batch Option (For 250 MIPPS)	250		Supports Informatica Extract Transform and Load software
Connect:Direct® UNIX Choice Server (3 concurrent sessions) - HSB -1 License per Contingency Server	1		Supports moving files from Mainframe to Solaris
Connect:Direct® UNIX 128 Bit Secure+ Option - HSB - 1 License per Contingency Server	1		Supports moving files from Mainframe to Solaris
TPC PROD RPT Server		GFP	

(PROPOSED) EWODS Hardware & Software Summary			
HW/SW	QTY	GFP/Non-GFP	Requirement
Business Objects Enterprise Premium - Production (#CPU x 1.5 for dual cores)	3		Supports business intelligence reporting
BusinessObjects Web Intelligence - Production (#CPU x 1.5 for dual cores)	3		Supports business intelligence reporting
BEA Weblogic 9.2	2		Supports Business Objects Portlet Integration
Contingency Oracle Server		GFP	
Connect:Direct® UNIX Choice Server (3 concurrent sessions) - HSB -1 License per Contingency Server	2		Supports moving files from Mainframe to Solaris
Connect:Direct® UNIX 128 Bit Secure+ Option - HSB - 1 License per Contingency Server	2		Supports moving files from Mainframe to Solaris
ETL Server - Contingency		GFP	
Connect:Direct® UNIX Choice Server (3 concurrent sessions) TEST	2		Supports moving files from Mainframe to Solaris
Connect:Direct® UNIX 128 Bit Secure+ Option TEST	2		Supports moving files from Mainframe to Solaris
Dev Server for Oracle Software		GFP	
Oracle Database Enterprise Edition - 4Dual Core CPU License (Cost =1.5 x Dual Core CPU Socket)	6		Supports Oracle data store
Connect:Direct® UNIX Choice Server (3 concurrent sessions) TEST	2		Supports moving files from Mainframe to Solaris
Connect:Direct® UNIX 128 Bit Secure+ Option TEST	2		Supports moving files from Mainframe to Solaris
CNJ DEV ETL / RPT Server		GFP	
PowerCenter Standard Edition Lab (Quantity of 2 - Not CPU based)	2		Supports Informatica Extract Transform and Load software
PowerCenter Team Based Development Option (Based on Repository)	1		Supports Informatica Extract Transform and Load software
PowerExchange for VSAM Lab (For 2 Labs)	2		Supports Informatica Extract Transform and Load software
PowerExchange for DB2 Lab (For 2 Labs)	2		Supports Informatica Extract Transform and Load software

(PROPOSED) EWODS Hardware & Software Summary			
HW/SW	QTY	GFP/Non-GFP	Requirement
BusinessObjects Enterprise Premium - Development (#CPU x 1.5 for dual cores)	6		Supports business intelligence reporting
BusinessObjects Web Intelligence - Development (#CPU x 1.5 for dual cores)	6		Supports business intelligence reporting
Crystal Reports XI Developer Windows (One License for 8 developers)	1		Supports business intelligence reporting
BEA Weblogic 9.2	4		Supports Business Objects Portlet Integration
EWODS server monitoring and utility software used by data centers		Non-GFP	
Oracle RAC DB Server Software		Non-GFP	
Veritas Storage Foundation Enterprise for Oracle RAC - License Tier 2C			
BMC SQL Backtrack for Oracle Servers - 4 Dual Core = PER GB x2 servers (3.5TBx2 servers=7TB)			
BMC SQL Backtrack Module for IBM Tivoli Storage Manager - PER Installed Server			
BMC Performance Assurance for Servers with 4 Dual Cores - PER CPU			
Foglight and Quest Central Performance Suite Oracle Monitor - Licensing			
Tivoli Workload Scheduler - Per 2 CPU - Licensing			
Tivoli Access Manager - Per 2 CPU			
Tivoli Framework - Per 2 CPU - Purchase of other Tivoli Products includes this product			
Tivoli Netcool Omnibus Server - Per Server			
Tivoli Storage Manager Client - Per 2 CPU			
Prognosis - Licensing Fee for 25 years			
EMC ECC Master Agent and Host Agent - No cost as long as you are using EMC			
Informatica ETL Server Software - PROD (HA)		Non-GFP	
Veritas Storage Foundation - Standard			

(PROPOSED) EWODS Hardware & Software Summary			
HW/SW	QTY	GFP/Non-GFP	Requirement
Veritas Storage Foundation Cluster File System Enterprise,Solaris,v4.1,License Tier 1C			
Tivoli Workload Scheduler - Per 2 CPU - Licensing			
Tivoli Access Manager - Per 2 CPU			
Tivoli Framework - Per 2 CPU - Purchase of other Tivoli Products includes this product			
Tivoli Netcool Omnibus Server - Per Server			
Tivoli Storage Manager Client - Per 2 CPU			
Prognosis - Licensing Fee for 25 years			
EMC ECC Master Agent and Host Agent - No cost as long as you are using EMC			
BMC Performance Assurance for Servers - PER CPU			
BMCSQL Backtrack Module for IBM Tivoli Storage Manager - PER Installed Server			
Business Objects Reporting Server Software		Non-GFP	
Veritas Storage Foundation - Standard			
Tivoli Workload Scheduler - Per 2 CPU - Licensing			
Tivoli Access Manager - Per 2 CPU			
Tivoli Framework - Per 2 CPU - Purchase of other Tivoli Products includes this product			
Tivoli Netcool Omnibus Server - Per Server			
Tivoli Storage Manager Client - Per 2 CPU			
Prognosis - Licensing Fee for 25 years			
EMC ECC Master Agent and Host Agent - No cost as long as you are using EMC			
BMC Performance Assurance for Servers - PER CPU			
BMC SQL Backtrack Module for IBM Tivoli Storage Manager - PER Installed Server			
Oracle RAC Database server Software- Contingency		Non-GFP	
Veritas Storage Foundation Enterprise for Oracle RAC - License Tier 2C			
Tivoli Access Manager - Per 2 CPU			

(PROPOSED) EWODS Hardware & Software Summary			
HW/SW	QTY	GFP/Non-GFP	Requirement
Tivoli Storage Manager Client - Per 2 CPU			
EMC ECC Master Agent and Host Agent - No cost as long as you are using EMC			
Informatica ETL Server Software - Contingency (HA)		Non-GFP	
Veritas Storage Foundation - Standard			
Veritas Storage Foundation Cluster File System Enterprise,Solaris,v4.1,License Tier 1C			
Tivoli Access Manager - Per 2 CPU			
Tivoli Storage Manager Client - Per 2 CPU			
EMC ECC Master Agent and Host Agent - No cost as long as you are using EMC			
Business Objects Reporting Server Software - Contingency		Non-GFP	
Veritas Storage Foundation - Standard			
Tivoli Access Manager - Per 2 CPU			
Tivoli Storage Manager Client - Per 2 CPU			
EMC ECC Master Agent and Host Agent - No cost as long as you are using EMC			
Dev Server for Oracle Software		Non-GFP	
Veritas Storage Foundation - Standard			
BMC SQL Backtrack for Oracle Servers - 4 Dual Core = PER GB (.5TB)			
BMC SQL Backtrack Module for IBM Tivoli Storage Manager -			
BMC Performance Assurance for Servers with 4 Dual Cores - PER CPU			
Foglight and Quest Central Performance Suite Oracle Monitor - Licensing			
Tivoli Workload Scheduler - Per 2 CPU			
Tivoli Access Manager - Per 2 CPU			
Tivoli Framework - Per 2 CPU - Purchase of other Tivoli Products includes this product			
Tivoli Netcool Omnibus Server - Per Server			

(PROPOSED) EWODS Hardware & Software Summary			
HW/SW	QTY	GFP/Non-GFP	Requirement
Tivoli Storage Manager Client - Per 2 CPU - 1st YR Maint. Included			
Prognosis - Licensing Fee for 25 years			
EMC ECC Master Agent and Host Agent - No cost as long as you are using EMC			
Dev Server for Informatica and Business Objects Software		Non-GFP	
Veritas Storage Foundation - Standard			
BMC Performance Assurance			
BMC SQL-Backtrack module for IBM Tivoli Storage Manager			
Tivoli Workload Scheduler- Per 2 CPU			
Tivoli Access Manager- Per 2 CPU			
Tivoli Framework			
Tivoli Netcool Omnibus Server - Per Server			
Tivoli Storage Manager Client - Per 2 CPU			
Prognosis - Licensing Fee for 25 years			
UNIX SOFTWARE MAINTENANCE			
Oracle RAC DB server Software Maintenance		Non-GFP	
Veritas Storage Foundation Enterprise for Oracle RAC - License Tier 2C			
BMC SQL Backtrack for Oracle Servers - 4 Dual Core = PER GB x2 servers (3.5TBx2 servers=9TB)			
BMC SQL Backtrack Module for IBM Tivoli Storage Manager - PER Installed Server			
BMC Performance Assurance for Servers with 4 Dual Cores - PER CPU			
Foglight and Quest Central Performance Suite Oracle Monitor - 1st YR Maint. Included			
Tivoli Workload Scheduler - Per 2 CPU - Licensing - 1st YR Maint. Included			
Tivoli Access Manager - Per 2 CPU - 1st YR Maint. Included			
Tivoli Framework - Per 2 CPU - Purchase of other Tivoli Products includes this product			

(PROPOSED) EWODS Hardware & Software Summary			
HW/SW	QTY	GFP/Non-GFP	Requirement
Tivoli Netcool Omnibus Server - Per Server - 1st YR Maint. Included			
Tivoli Storage Manager Client - Per 2 CPU - 1st YR Maint. Included			
Prognosis - Licensing Fee for 25 years			
EMC ECC Master Agent and Host Agent - No cost as long as you are using EMC			
Informatica ETL Server Software - PROD Maintenance (HA)		Non-GFP	
Veritas Storage Foundation			
Veritas Storage Foundation Cluster File System Enterprise,Solaris,v4.1,License Tier 1C			
Tivoli Workload Scheduler - Per 2 CPU - Licensing			
Tivoli Access Manager - Per 2 CPU - 1st YR Maint. Included			
Tivoli Framework - Per 2 CPU - Purchase of other Tivoli Products includes this product			
Tivoli Netcool Omnibus Server - Per Server - 1st YR Maint. Included			
Tivoli Storage Manager Client - Per 2 CPU - 1st YR Maint. Included			
Prognosis - Licensing Fee for 25 years			
EMC ECC Master Agent and Host Agent - No cost as long as you are using EMC			
BMC Performance Assurance for Servers - PER CPU			
BMC SQL Backtrack Module for IBM Tivoli Storage Manager - PER Installed Server			
Business Objects Reporting Server Software Maintenance		Non-GFP	
Veritas Storage Foundation			
Tivoli Workload Scheduler - Per 2 CPU - Licensing			
Tivoli Access Manager - Per 2 CPU - 1st YR Maint. Included			
Tivoli Framework - Per 2 CPU - Purchase of other Tivoli Products includes this product			

(PROPOSED) EWODS Hardware & Software Summary			
HW/SW	QTY	GFP/Non-GFP	Requirement
Tivoli Netcool Omnibus Server - Per Server - 1st YR Maint. Included			
Tivoli Storage Manager Client - Per 2 CPU - 1st YR Maint. Included			
Prognosis - Licensing Fee for 25 years			
EMC ECC Master Agent and Host Agent - No cost as long as you are using EMC			
BMC Performance Assurance for Servers - PER CPU			
BMC SQL Backtrack Module for IBM Tivoli Storage Manager - PER Installed Server			
Oracle RAC Database server Software Maintenance - Contingency		Non-GFP	
Veritas Storage Foundation Enterprise for Oracle RAC - License Tier 2C			
Tivoli Access Manager - Per 2 CPU - 1st YR Maint. Included			
Tivoli Storage Manager Client - Per 2 CPU - 1st YR Maint. Included			
EMC ECC Master Agent and Host Agent - No cost as long as you are using EMC			
Informatica ETL Server Software Maintenance - Contingency		Non-GFP	
Veritas Storage Foundation			
Veritas Storage Foundation Cluster FS			
Tivoli Access Manager - Per 2 CPU - 1st YR Maint. Included			
Tivoli Storage Manager Client - Per 2 CPU - 1st YR Maint. Included			
EMC ECC Master Agent and Host Agent - No cost as long as you are using EMC			
Reporting Server Software Maintenance - Contingency		Non-GFP	
Veritas Storage Foundation			
Tivoli Access Manager - Per 2 CPU - 1st YR Maint. Included			

(PROPOSED) EWODS Hardware & Software Summary			
HW/SW	QTY	GFP/Non-GFP	Requirement
Tivoli Storage Manager Client - Per 2 CPU - 1st YR Maint. Included			
EMC ECC Master Agent and Host Agent - No cost as long as you are using EMC			
Dev Server for Oracle Software Maintenance		Non-GFP	
Veritas Storage Foundation			
BMC SQL Backtrack for Oracle Servers - 4 Dual Core = PER GB x2 servers (.5TB)			
BMC SQL Backtrack Module for IBM Tivoli Storage Manager -			
BMC Performance Assurance for Servers with 4 Dual Cores - PER CPU			
Foglight and Quest Central Performance Suite Oracle Monitor - 1st YR Maint. Included			
Tivoli Workload Scheduler - Per 2 CPU - 1st YR Maint. Included			
Tivoli Access Manager - Per 2 CPU - 1st YR Maint. Included			
Tivoli Framework - Per 2 CPU - Purchase of other Tivoli Products includes this product			
Tivoli Netcool Omnibus Server - Per Server - 1st YR Maint. Included			
Tivoli Storage Manager Client - Per 2 CPU - 1st YR Maint. Included			
Prognosis - Licensing Fee for 25 years			
EMC ECC Master Agent and Host Agent - No cost as long as you are using EMC			
Dev Server for Informatica and Business Objects Software Maintenance		Non-GFP	
Veritas Storage Foundation			
BMC Performance Assurance			
BMC SQL-Backtrack module for IBM Tivoli Storage Manager			
Tivoli Workload Scheduler- Per 2 CPU - 1st YR Maint. Included			
Tivoli Access Manager- Per 2 CPU - 1st YR Maint. Included			
Tivoli Framework 1st YR Maint. Included			

(PROPOSED) EWODS Hardware & Software Summary			
HW/SW	QTY	GFP/Non-GFP	Requirement
Tivoli Netcool Omnibus Server 1st YR Maint. Included			
Tivoli Storage Manager Client - Per 2 CPU - 1st YR Maint. Included			
Prognosis - Licensing Fee for 25 years			
EWODS Development Software			
4-user(s) Concurrent Rapid SQL PRO DB2/(OS390 excl Analyst Debugger)			
* 1 Year Maintenance Concurrent Rapid SQL PRO DB2/(OS390 excl Analyst Debugger)			
4-user(s) Concurrent Rapid SQL PRO for Oracle			
* 1 Year Maintenance Concurrent Rapid SQL PRO for Oracle			
1-user(s) DBArtisan Work Bench for Oracle			
* 1 Year Maintenance DBArtisan Work Bench for Oracle			
1 Erwin Data Modeling Suite + 1 Year Maintenance support			
2 Erwin Data Modeler Maintenance Upgrade			
BusinessObjects Desktop Intelligence XI R2 Windows Named User License English			
EWODS Penetration Test by third party		Non-GFP	