

State of California
 Department of General Services
 IT Hardware Enterprise eRFP# DGS 5008 - Addendum #3
 Pricing Worksheet #5 - Disk Storage Systems for Mainframe
[\[Back to Table of Contents\]](#)

	Cells highlighted in yellow are mandatory fields
Bidder Name:	Verizon
Submitted by:	Keith Nagel

Instructions: Bidders MUST provide specifications and pricing for ALL common configurations included on this subcategory with proposed models that will meet or exceed the specifications provided. In addition, bidders MUST provide pricing for ALL existing options that enterprise-class machines with stable platforms. For upgrade options, propose the most cost-effective items that are consistent with the respective configuration specifications. Bidders MUST submit a detailed product /specification sheet for each product that is proposed submitted Index Price.

Disk Storage Systems for Mainframe		Entry-level		
Product Specification	Minimum Requirements	Meet, Exceed or Not Meet Requirements		
RAID Controller:	Dual	Exceeds Requirements		
RAID Levels Supported:	1, 5, 10	Exceeds Requirements		
Cache Memory per Controller (Base):	256MB	Exceeds Requirements		
Battery Backup for Cache	Yes	Exceeds Requirements		
Channel Type:	Fibre Channel	Meets Requirements		
Host Adapters Interface:	FICON	Exceeds Requirements		
Number of Channels (Base):	8	Exceeds Requirements		
Drive Interface:	2Gb/sec Fibre Channel	Meets Requirements		
Supported Drives:	Universal FC hard disk drives (72/146/300GB 10K RPM and 72/146 15K RPM)	Meets Requirements		
Minimum Physical Storage Capacity (in TB)	2.0TB	Exceeds Requirements		
Global Spare Hard Drives (Base)	2	Exceeds Requirements		
High-availability Features:	Non-disruptive controllers firmware upgrades / No-disruptive installation of cache, channels or hard drives / No single point of failure	Exceeds Requirements		
Power Supplies and Fans:	Redundant Hot-Swappable Power Supply and Cooling	Meets Requirements		
Chassis:	Rack-Ready or Cabinet	Meets Requirements		
Server Compatibility:	Certified on IBM (zSeries and S390 among others), Sun and HP servers among other enterprise-class servers	Exceeds Requirements		
Operating System Supported:	At a minimum, but not limited to, IBM zOS, IBM OS/390, IBM zVM, IBM-AIX, HP-UX, Sun Solaris	Exceeds Requirements		
Software Compatibility:	Extensive list of supported backup and storage management applications from vendors such as HP, CA, VERITAS, Yosemite, Legato, Tivoli among others	Exceeds Requirements		
Warranty:	3-year parts exchange, 8x5xNext-Business-Day response	Exceeds Requirements		
Common Configurations				
Bidder's Proposed Model				
	OEM			
	Model Name			
	Model Number (SKU)			
	Index Name (Retail, Website, etc.)			
	Index Name URL Address			
	Current Index Price			
	Discount			
	RFP Price			
	Typical Duration Between Index Price Updates (Months)			
	Model Release Date			
	Model Phase Out Date			
Options	Change to Requirements Shown Above	OEM	Model Number (SKU)	
			Index Price	
Optional Functionality	Data Protection (Backup + Restore Software)	IBM	D51MFLL, D51MULL, D5102LL, D510ELL	\$4,190
	Data Management	EMC	SE-SMIS-STDS	Included at no additional cost
	Disk System Management	EMC	SE-SMIS-STDS	Included at no additional cost
	Storage Area Management	EMC	SE-SMIS-STDS	Included at no additional cost
	Storage Resource Management	EMC	SE-SMIS-STDS	Included at no additional cost
Host Adapter	2Gb/sec Fibre Channel	EMC	DMX-FC8MOS	68220
	ESCON	EMC	DMX-ESCD8	44700
Cache	512MB Total Memory	EMC	Included	Included at no additional cost
	1GB Total Memory	EMC	Included	Included at no additional cost
	2GB Total Memory	EMC	Included	Included at no additional cost
	4GB Total Memory	EMC	Included	Included at no additional cost
	8GB Total Memory	EMC	CAL-MF-DMX1000-2TB-8GB	413420
	16GB Total Memory	EMC	CAL-MF-DMX1000-2TB-16GB	424820
	32GB Total Memory	EMC	CAL-MF-DMX1000-2TB-32GB	447020
	64GB Total Memory	EMC	CAL-MF-DMX1000-2TB-64GB	581820
128GB Total Memory	EMC	CAL-MF-DMX1000-2TB-128GB	825820	
Other Accessories	Rack-mount Kit		Not Technically Available	Not Technically Available
Support Services	Upgrade to 3-Y warranty 24x7x2	EMC	Included at no additional cost in 5 Year Warranty - per geographic coverage in 5.4.18	Included at no additional cost
	Additional 1-Y warranty 24x7x2	EMC	Included at no additional cost in 5 Year Warranty - per geographic coverage in 5.4.18	Included at no additional cost
	Additional 2-Y warranty 24x7x2	EMC	Included at no additional cost in 5 Year Warranty - per geographic coverage in 5.4.18	Included at no additional cost
	Upgrade to 3-Y warranty 8x5x4	EMC	Included at no additional cost in 5 Year Warranty - per geographic coverage in 5.4.18	Included at no additional cost
	Additional 1-Y warranty 8x5x4	EMC	Included at no additional cost in 5 Year Warranty - per geographic coverage in 5.4.18	Included at no additional cost
	Additional 2-Y warranty 8x5x4	EMC	Included at no additional cost in 5 Year Warranty - per geographic coverage in 5.4.18	Included at no additional cost
	Additional 1-Y warranty 8x5xNBD	EMC	Included at no additional cost in 5 Year Warranty - per geographic coverage in 5.4.18	Included at no additional cost
	Additional 2-Y warranty 8x5xNBD	EMC	Included at no additional cost in 5 Year Warranty - per geographic coverage in 5.4.18	Included at no additional cost
	Device Installation Services (\$/hr)	EMC	Included at no additional cost	Included at no additional cost
	Data Migration Services (\$/hr)	EMC	Associate Implementation Specialist	\$145

are technically available in the market for each common configuration. If an option is not technically available, please mark the cell as "Not Technically Available". If a bidder is a Value Added Reseller (VAR), you must select one Original Equipment Manufacturer (OEM) which you will use across all configurations for this subcategory. Propose only consistent, bid to the State. The product sheets should be submitted in hard copy format with the pricing proposal or by providing the URL's that link to the product description information in the cell below, preferably both. The Index Price shall be the Index Price on the RFP release date as set forth in Section 6 of the eRFP. Bidders shall provide a verifiable record of the

		Midrange		
Bidder's Proposed Specs	Minimum Requirements	Meet, Exceed or Not Meet Requirements	Bidder's Proposed Specs	
The DMX1000 has 4 back-end controllers. The Symmetrix supports RAID 0, 1, 5, 10 and RAID-S	Dual	Exceeds Requirements	The DMX1000 has 4 back-end controllers. The Symmetrix D Supports RAID 0, 1, 5, 10 and RAID-S	
Configured with (4) GB of Cache	1, 5, 10	Exceeds Requirements	Configured with (8) GB of Cache	
integrity during power outages. The BBU provides	512MB	Exceeds Requirements	power outages. The BBU provides the means for destaging	
2 Gb per sec Fibre Channel interfaces	Yes	Exceeds Requirements	2 Gb per sec Fibre Channel interfaces	
2 Gb per sec FICON interfaces. The Symmetrix can	Fibre Channel	Meets Requirements	2 Gb per sec FICON interfaces. The Symmetrix can also sup	
Configured with (8) 2 Gb per second FICON Ports.	FICON	Exceeds Requirements	Configured with (8) 2 Gb per second FICON Ports. Upgrade	
(16) 2 Gb per second back-end Fibre Channel loop	8	Exceeds Requirements	(16) 2 Gb per second back-end Fibre Channel loops.	
Supports 73/146/300 GB 10K and 73/146 GB 15K	2Gb/sec Fibre Channel	Meets Requirements	Supports 73/146/300 GB 10K and 73/146 GB 15K Fibre Cha	
Upgradeable to 144 drives.	Universal FC hard disk drives (72/146/300GB 10K RPM and 72/146 15K RPM)	Meets Requirements	Upgradeable to 144 drives.	
User selectable hot spares, limited only by the num	7.0TB	Exceeds Requirements	User selectable hot spares, limited only by the number of driv	
The Symmetrix DMX goes beyond yesterday's des	2	Exceeds Requirements	The Symmetrix DMX goes beyond yesterday's designs to se	
Hot swappable power supplies and fans	Non-disruptive controllers firmware upgrades / No-disruptive installation of cache, channels or hard drives / No single point of failure	Exceeds Requirements	Hot swappable power supplies and fans	
Cabinet Included	Redundant Hot-Swappable Power Supply and Cooling	Meets Requirements	Cabinet Included	
The Symmetrix supports these servers as well as t	Rack-Ready or Cabinet	Meets Requirements	The Symmetrix supports these servers as well as the most s	
The Symmetrix supports the most operating system	Certified on IBM (zSeries and S390 among others), Sun and HP servers among other enterprise-class servers	Exceeds Requirements	The Symmetrix supports the most operating systems in the ir	
The Symmetrix supports the most backup and stor	At a minimum, but not limited to, IBM zOS, IBM OS/390, IBM zVM, IBM-AIX, HP-UX, Sun Solaris	Exceeds Requirements	The Symmetrix supports the most backup and storage mana	
Exceeds requirement with 5 Year onsite warranty v	Extensive list of supported backup and storage management applications from vendors such as HP, CA, VERITAS, Yosemite, Legato, Tivoli among others	Exceeds Requirements	Exceeds requirement with 5 Year onsite warranty with respon	
EMC	3-year parts exchange, 8x5Next-Business-Day response	Exceeds Requirements	EMC	
Symmetrix DMX1000			Symmetrix DMX1000	
CAL-MF-DMX1000-2TB			CAL-MF-DMX1000-7TB	
website			website	
www.verizon.ca.ssicatalog.com			www.verizon.ca.ssicatalog.com	
410220			413420	
97			97	
12369			12493	
30 Days/1 Month			30 Days/1 Month	
Jan-03			Jan-03	
No Date Scheduled			No Date Scheduled	
\$ (+ or -) Change to RFP Price Above	OEM	Model Number (SKU)	Index Price	\$ (+ or -) Change to RFP Price Above
\$2,841.88	IBM	D51MFL, D51MULL, D5102LL, D510ELL	\$4,190	\$2,841.88
Included at no additional cost	EMC	SE-SMIS-STDS	Included at no additional cost	Included at no additional cost
Included at no additional cost	EMC	SE-SMIS-STDS	Included at no additional cost	Included at no additional cost
Included at no additional cost	EMC	SE-SMIS-STDS	Included at no additional cost	Included at no additional cost
Included at no additional cost	EMC	SE-SMIS-STDS	Included at no additional cost	Included at no additional cost
1225	EMC	DMX-FC8MOS	68220	1225
1538	EMC	DMX-ESCD8	44700	1538
Included at no additional cost	EMC	Included	Included at no additional cost	Included at no additional cost
Included at no additional cost	EMC	Included	Included at no additional cost	Included at no additional cost
Included at no additional cost	EMC	Included	Included at no additional cost	Included at no additional cost
Included at no additional cost	EMC	Included	Included at no additional cost	Included at no additional cost
124	EMC	Included	Included at no additional cost	Included at no additional cost
358	EMC	CAL-MF-DMX1000-7TB-16GB	424820	234
836	EMC	CAL-MF-DMX1000-7TB-32GB	447020	712
3212	EMC	CAL-MF-DMX1000-7TB-64GB	581820	3088
7295	EMC	CAL-MF-DMX1000-7TB-128GB	825820	7171
Not Technically Available		Not Technically Available		Not Technically Available
Included at no additional cost	EMC	Included at no additional cost in 5 Year Warranty - per geographic coverage in 5.4.18	Included at no additional cost	Included at no additional cost
Included at no additional cost	EMC	Included at no additional cost in 5 Year Warranty - per geographic coverage in 5.4.18	Included at no additional cost	Included at no additional cost
Included at no additional cost	EMC	Included at no additional cost in 5 Year Warranty - per geographic coverage in 5.4.18	Included at no additional cost	Included at no additional cost
Included at no additional cost	EMC	Included at no additional cost in 5 Year Warranty - per geographic coverage in 5.4.18	Included at no additional cost	Included at no additional cost
Included at no additional cost	EMC	Included at no additional cost in 5 Year Warranty - per geographic coverage in 5.4.18	Included at no additional cost	Included at no additional cost
Included at no additional cost	EMC	Included at no additional cost in 5 Year Warranty - per geographic coverage in 5.4.18	Included at no additional cost	Included at no additional cost
Included at no additional cost	EMC	Included at no additional cost in 5 Year Warranty - per geographic coverage in 5.4.18	Included at no additional cost	Included at no additional cost
Included at no additional cost	EMC	Included at no additional cost in 5 Year Warranty - per geographic coverage in 5.4.18	Included at no additional cost	Included at no additional cost
Included at no additional cost	EMC	Included at no additional cost	Included at no additional cost	Included at no additional cost
\$45	EMC	Associate Implementation Specialist	\$145	\$45

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Disk Storage Systems for Mainframe		Enterprise Type A		
	Product Specification	Minimum Requirements		Meet, Exceed or Not Meet Requirements
Common Configurations	RAID Controller:	Dual		Exceeds Requirements
	RAID Levels Supported:	1, 5, 10		Exceeds Requirements
	Cache Memory per Controller (Base):	1GB		Exceeds Requirements
	Battery Backup for Cache	Yes		Exceeds Requirements
	Channel Type:	Fibre Channel		Meets Requirements
	Host Adapters Interface:	FICON		Exceeds Requirements
	Number of Channels (Base):	8		Exceeds Requirements
	Drive Interface:	2Gb/sec Fibre Channel		Meets Requirements
	Supported Drives:	Universal FC hard disk drives (72/146/300GB 10K RPM and 72/146 15K RPM)		Meets Requirements
	Minimum Physical Storage Capacity (in TB)	16.0TB		Exceeds Requirements
	Global Spare Hard Drives (Base)	4		Exceeds Requirements
	High-availability Features:	Non-disruptive controllers firmware upgrades / No-disruptive installation of cache, channels or hard drives / No single point of failure		Exceeds Requirements
	Power Supplies and Fans:	Redundant Hot-Swappable Power Supply and Cooling		Meets Requirements
	Chassis:	Rack-Ready or Cabinet		Meets Requirements
	Server Compatibility:	Certified on IBM (zSeries and S390 among others), Sun and HP servers among other enterprise-class servers		Exceeds Requirements
	Operating System Supported:	At a minimum, but not limited to, IBM zOS, IBM OS/390, IBM zVM, IBM-AIX, HP-UX, Sun Solaris		Exceeds Requirements
Software Compatibility:	Extensive list of supported backup and storage management applications from vendors such as HP, CA, VERITAS, Yosemite, Legato, Tivoli among others		Exceeds Requirements	
Warranty:	3-year parts exchange, 8x5xNext-Business-Day response		Exceeds Requirements	
Bidder's Proposed Model	OEM			
	Model Name			
	Model Number (SKU)			
	Index Name (Retail, Website, etc.)			
	Index Name URL Address			
	Current Index Price			
	Discount			
	RFP Price			
	Typical Duration Between Index Price Updates (Months)			
	Model Release Date			
Model Phase Out Date				
Options	Change to Requirements Shown Above	OEM	Model Number (SKU)	Index Price
Optional Functionality	Data Protection (Backup + Restore Software)	IBM	D51MFLL, D51MULL, D5102LL, D510ELL	\$4,190
	Data Management	EMC	SE-SMIS-STDS	Included at no additional cost
	Disk System Management	EMC	SE-SMIS-STDS	Included at no additional cost
	Storage Area Management	EMC	SE-SMIS-STDS	Included at no additional cost
	Storage Resource Management	EMC	SE-SMIS-STDS	Included at no additional cost
Host Adapter	2Gb/sec Fibre Channel	EMC	DMX-FC8MOS	68220
	ESCON	EMC	DMX-ESCD8	44700
Cache	512MB Total Memory	EMC	Included	Included at no additional cost
	1GB Total Memory	EMC	Included	Included at no additional cost
	2GB Total Memory	EMC	Included	Included at no additional cost
	4GB Total Memory	EMC	Included	Included at no additional cost
	8GB Total Memory	EMC	Included	Included at no additional cost
	16GB Total Memory	EMC	Included	Included at no additional cost
	32GB Total Memory	EMC	CAL-MF-DMX1000-16TB-32GB	447020
	64GB Total Memory	EMC	CAL-MF-DMX1000-16TB-64GB	581820
128GB Total Memory	EMC	CAL-MF-DMX1000-16TB-128GB	825820	
Other Accessories	Rack-mount Kit		Not Technically Available	Not Technically Available
Support Services	Upgrade to 3-Y warranty 24x7x2	EMC	Included at no additional cost in 5 Year Warranty - per geographic coverage in 5.4.18	Included at no additional cost
	Additional 1-Y warranty 24x7x2	EMC	Included at no additional cost in 5 Year Warranty - per geographic coverage in 5.4.18	Included at no additional cost
	Additional 2-Y warranty 24x7x2	EMC	Included at no additional cost in 5 Year Warranty - per geographic coverage in 5.4.18	Included at no additional cost
	Upgrade to 3-Y warranty 8x5x4	EMC	Included at no additional cost in 5 Year Warranty - per geographic coverage in 5.4.18	Included at no additional cost
	Additional 1-Y warranty 8x5x4	EMC	Included at no additional cost in 5 Year Warranty - per geographic coverage in 5.4.18	Included at no additional cost
	Additional 2-Y warranty 8x5x4	EMC	Included at no additional cost in 5 Year Warranty - per geographic coverage in 5.4.18	Included at no additional cost
	Additional 1-Y warranty 8x5xNBD	EMC	Included at no additional cost in 5 Year Warranty - per geographic coverage in 5.4.18	Included at no additional cost
	Additional 2-Y warranty 8x5xNBD	EMC	Included at no additional cost in 5 Year Warranty - per geographic coverage in 5.4.18	Included at no additional cost
	Device Installation Services (\$/hr)	EMC	Included at no additional cost	Included at no additional cost
	Data Migration Services (\$/hr)	EMC	Associate Implementation Specialist	\$145

existing options that are technically available in the market for each common configuration. If an option is not technically available, please mark the cell as "Not Technically Available". If a bidder is a Value Added Reseller (VAR), you must select one Original Equipment Manufacturer (OEM) which you will use across all configurations for this subcategory. Propose only for each product that is proposed to the State. The product sheets should be submitted in hard copy format with the pricing proposal or by providing the URL's that link to the product description information in the cell below, preferably both. The Index Price shall be the Index Price on the RFP release date as set forth in Section 6 of the eRFP. Bidders shall provide a

Bidder's Proposed Specs		Enterprise Type B		Bidder's Proposed Specs	
		Minimum Requirements	Meet, Exceed or Not Meet Requirements		
The DMX1000 has 4 back-end controllers. The Symmetrix D	Dual		Exceeds Requirements	The DMX1000 has 4 back-end controllers. The Symmetrix D	
Supports RAID 0, 1, 5, 10 and RAID-S	1, 5, 10		Exceeds Requirements	Supports RAID 0, 1, 5, 10 and RAID-S	
Configured with (24) GB of Cache	1GB		Exceeds Requirements	Configured with (48) GB of Cache	
power outages. The BBU provides the means for destaging	Yes		Exceeds Requirements	power outages. The BBU provides the means for destaging	
2 Gb per sec Fibre Channel interfaces	Fibre Channel		Meets Requirements	2 Gb per sec Fibre Channel interfaces	
2 Gb per sec FICON interfaces. The Symmetrix can also sup	FICON		Exceeds Requirements	2 Gb per sec FICON interfaces. The Symmetrix can also sup	
Configured with (8) 2 Gb per second FICON Ports. Upgrade	8		Exceeds Requirements	Configured with (8) 2 Gb per second FICON Ports. Upgrade	
(16) 2 Gb per second back-end Fibre Channel loops.	2Gb/sec Fibre Channel		Meets Requirements	(16) 2 Gb per second back-end Fibre Channel loops.	
Supports 73/146/300 GB 10K and 73/146 GB 15K Fibre Cha	Universal FC hard disk drives (72/146/300GB 10K RPM and 72/146 15K RPM)		Meets Requirements	Supports 73/146/300 GB 10K and 73/146 GB 15K Fibre Cha	
Upgradeable to 144 drives.	42.0TB		Exceeds Requirements	Upgradeable to 144 drives.	
User selectable hot spares, limited only by the number of driv	4		Exceeds Requirements	User selectable hot spares, limited only by the number of driv	
The Symmetrix DMX goes beyond yesterday's designs to se	Non-disruptive controllers firmware upgrades / No-disruptive installation of cache, channels or hard drives / No single point of failure		Exceeds Requirements	The Symmetrix DMX goes beyond yesterday's designs to se	
Hot swappable power supplies and fans	Redundant Hot-Swappable Power Supply and Cooling		Meets Requirements	Hot swappable power supplies and fans	
Cabinet Included	Rack-Ready or Cabinet		Meets Requirements	Cabinet Included	
The Symmetrix supports these servers as well as the most s	Certified on IBM (zSeries and S390 among others), Sun and HP servers among other enterprise-class servers		Exceeds Requirements	The Symmetrix supports these servers as well as the most s	
The Symmetrix supports the most operating systems in the in	At a minimum, but not limited to, IBM zOS, IBM OS/390, IBM zVM, IBM-AIX, HP-UX, Sun Solaris		Exceeds Requirements	The Symmetrix supports the most operating systems in the in	
The Symmetrix supports the most backup and storage mana	Extensive list of supported backup and storage management applications from vendors such as HP, CA, VERITAS, Yosemite, Legato, Tivoli among others		Exceeds Requirements	The Symmetrix supports the most backup and storage mana	
Exceeds requirement with 5 Year onsite warranty with respon	3-year parts exchange, 8x5xNext-Business-Day response		Exceeds Requirements	Exceeds requirement with 5 Year onsite warranty with respon	
EMC				EMC	
Symmetrix DMX1000				Symmetrix DMX1000	
CAL-MF-DMX1000-16TB				CAL-MF-DMX1000-42TB	
website				website	
www.verizon.ca.ssicatalog.com				www.verizon.ca.ssicatalog.com	
	500420				543620
	97				97
	13721				14765
30 Days/1 Month				30 Days/1 Month	
	Jan-03				Jan-03
No Date Scheduled				No Date Scheduled	
\$ (+ or -) Change to RFP Price Above	OEM	Model Number (SKU)	Index Price	\$ (+ or -) Change to RFP Price Above	
\$2,841.88	IBM	D51MFLL, D51MULL, D5102LL, D510ELL	\$4,190	\$2,841.88	
Included at no additional cost	EMC	SE-SMIS-STDS		Included at no additional cost	
Included at no additional cost	EMC	SE-SMIS-STDS		Included at no additional cost	
Included at no additional cost	EMC	SE-SMIS-STDS		Included at no additional cost	
Included at no additional cost	EMC	SE-SMIS-STDS		Included at no additional cost	
	1225	EMC	DMX-FC8MOS		1225
	1538	EMC	DMX-ESCD8		1538
Included at no additional cost	EMC	Included		Included at no additional cost	
Included at no additional cost	EMC	Included		Included at no additional cost	
Included at no additional cost	EMC	Included		Included at no additional cost	
Included at no additional cost	EMC	Included		Included at no additional cost	
Included at no additional cost	EMC	Included		Included at no additional cost	
Included at no additional cost	EMC	Included		Included at no additional cost	
Included at no additional cost	EMC	Included		Included at no additional cost	
Included at no additional cost	EMC	Included		Included at no additional cost	
	1860	EMC	CAL-MF-DMX1000-42TB-64GB		1148
	5943	EMC	CAL-MF-DMX1000-142TB-128GB		5231
Not Technically Available		Not Technically Available		Not Technically Available	
Included at no additional cost	EMC	Included at no additional cost in 5 Year Warranty - per geographic coverage in 5.4.18		Included at no additional cost	
Included at no additional cost	EMC	Included at no additional cost in 5 Year Warranty - per geographic coverage in 5.4.18		Included at no additional cost	
Included at no additional cost	EMC	Included at no additional cost in 5 Year Warranty - per geographic coverage in 5.4.18		Included at no additional cost	
Included at no additional cost	EMC	Included at no additional cost in 5 Year Warranty - per geographic coverage in 5.4.18		Included at no additional cost	
Included at no additional cost	EMC	Included at no additional cost in 5 Year Warranty - per geographic coverage in 5.4.18		Included at no additional cost	
Included at no additional cost	EMC	Included at no additional cost in 5 Year Warranty - per geographic coverage in 5.4.18		Included at no additional cost	
Included at no additional cost	EMC	Included at no additional cost in 5 Year Warranty - per geographic coverage in 5.4.18		Included at no additional cost	
Included at no additional cost	EMC	Included at no additional cost in 5 Year Warranty - per geographic coverage in 5.4.18		Included at no additional cost	
Included at no additional cost	EMC	Included at no additional cost in 5 Year Warranty - per geographic coverage in 5.4.18		Included at no additional cost	
	\$45	EMC	Associate Implementation Specialist		\$45

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	FC HDD		FC HDD Type A		FC HDD Type B	
	Product Specification	Minimum Requirements	Meet, Exceed or Not Meet Requirements	Minimum Requirements	Meet, Exceed or Not Meet Requirements	Minimum Requirements
Common Configurations	Capacity (GB)	72.8GB	Meets Requirements	72.8GB	Meets Requirements	Meets Requirements
	RPM	10K RPM	Meets Requirements	15K RPM	Meets Requirements	Meets Requirements
	Form Factor	1"	Meets Requirements	1"	Meets Requirements	Meets Requirements
	Interface	Fibre Channel	Meets Requirements	Fibre Channel	Meets Requirements	Meets Requirements
Bidder's Proposed Model	OEM		EMC		EMC	
	Model Name		DMX 73 GB 10K Drive		DMX 73 GB 15K Drive	
	Model Number (SKU)		DMX2G10-731		DMX2G15-731	
	Index Name (Retail, Website, etc.)		website		website	
	Index Name URL Address		www.verizon.ca.ssicatalog.com		www.verizon.ca.ssicatalog.com	
	Current Index Price		1375		2500	
	Discount		71		83	
	RFP Price		395		429	
	Typical Duration Between Index Price Updates (Months)		30 Days/1 Month		30 Days/1 Month	
	Model Release Date		Q4-2002		Q1-2004	
Model Phase Out Date		No Date Scheduled		No Date Scheduled		

industry. The published EMC support matrix is in excess of 1000 pages.
 gement applications in the industry. The published EMC support matrix is in excess of 1000 pages.
 nse times per Section 5.4.17 which can provide 24x7x2, 24x7x4 and 8x5xNBD depending upon geography.

State of California
 Department of General Services
 IT Hardware Enterprise eRFP# DGS 5008 - Addendum #3
 Pricing Worksheet #5 - Disk Storage Systems for Mainframe
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Cells highlighted in yellow are mandatory fields	
Bidder Name:	Verizon
Submitted by:	Keith Nagel

Instructions: Bidders MUST provide specifications and pricing for ALL common configurations included on this subcategory with proposed models that will meet or exceed the specifications provided. In addition, bidders MUST provide pricing for ALL existing options that are technically available in the market for each common configuration. If an option is not technically available, please mark the cell as "Not Technically Available". If a bidder is a Value Added Reseller (VAR), you must select one Original Equipment Manufacturer (OEM) which you will use across all configurations for this subcategory. Propose only consistent, enterprise-class machines with stable platforms. For upgrade options, propose the most cost-effective items that are consistent with the respective configuration specifications. Bidders MUST submit a detailed product /specification sheet for each product that is proposed to the State. The product sheets should be submitted in hard copy format with the pricing proposal or by providing the URL's that link to the product description information in the cell below, preferably both. The Index Price shall be the Index Price on the RFP release date as set forth in Section 6 of the eRFP. Bidders shall provide a verifiable record of the submitted Index Price.

	FC HDD		FC HDD Type C		FC HDD Type D	
	Product Specification	Minimum Requirements	Meet, Exceed or Not Meet Requirements	Minimum Requirements	Meet, Exceed or Not Meet Requirements	
Common Configurations	Capacity (GB)	146.8GB	Meets Requirements	146.8GB	Meets Requirements	
	RPM	10K RPM	Meets Requirements	15K RPM	Meets Requirements	
	Form Factor	1"	Meets Requirements	1"	Meets Requirements	
	Interface	Fibre Channel	Meets Requirements	Fibre Channel	Meets Requirements	
Bidder's Proposed Model	OEM		EMC		EMC	
	Model Name		DMX 146 GB 10K Drive		DMX146 GB 15K Drive	
	Model Number (SKU)		DMX2G10-1461		DMX2G15-1461	
	Index Name (Retail, Website, etc.)		website		website	
	Index Name URL Address		www.verizon.ca.ssicatalog.com		www.verizon.ca.ssicatalog.com	
	Current Index Price		2470		4460	
	Discount		67		66	
	RFP Price		826		1531	
	Typical Duration Between Index Price Updates (Months)		30 Days/1 Month		30 Days/1 Month	
	Model Release Date		Q1-2003		Q2-2005	
Model Phase Out Date		No Date Scheduled		No Date Scheduled		

State of California
 Department of General Services
 IT Hardware Enterprise eRFP# DGS 5008 - Addendum #3
 Pricing Worksheet #5 - Disk Storage Systems for Mainframe
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Bidder Name: Verizon
Submitted by: Keith Nagel

Instructions: Bidders MUST provide specifications and pricing for ALL common configurations included on this subcategory with proposed models that will meet or exceed the specifications provided. In addition, bidders MUST provide pricing for ALL existing options that are technically available in the market for each common configuration. If an option is not technically available, please mark the cell as "Not Technically Available". If a bidder is a Value Added Reseller (VAR), you must select one Original Equipment Manufacturer (OEM) which you will use across all configurations for this subcategory. Propose only consistent, enterprise-class machines with stable platforms. For upgrade options, propose the most cost-effective items that are consistent with the respective configuration specifications. Bidders MUST submit a detailed product /specification sheet for each product that is proposed to the State. The product sheets should be submitted in hard copy format with the pricing proposal or by providing the URL's that link to the product description information in the cell below, preferably both. The Index Price shall be the Index Price on the RFP release date as set forth in Section 6 of the eRFP.

FC HDD		FC HDD Type E	
Common Configurations	Product Specification	Minimum Requirements	Meet, Exceed or Not Meet Requirements
	Capacity (GB)	300GB	Meets Requirements
	RPM	10K rpm	Meets Requirements
	Form Factor	1"	Meets Requirements
	Interface	Fibre Channel	Meets Requirements
Bidder's Proposed Model	OEM		EMC
	Model Name		DMX 300 GB 10K Drive
	Model Number (SKU)		DMX2G10-3001
	Index Name (Retail, Website, etc.)		website
	Index Name URL Address		www.verizon.ca.ssicatalog.com
	Current Index Price		4780
	Discount		67
	RFP Price		1577
	Typical Duration Between Index Price Updates (Months)		30 Days/1 Month
	Model Release Date		Q2-2005
Model Phase Out Date		No Date Scheduled	

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	Cells highlighted in yellow are mandatory fields
Bidder Name:	Verizon
Submitted by:	Keith Nagel

Instructions: Bidders MUST provide specifications and pricing for ALL common configurations included on this subcategory with proposed models that will meet or exceed the specifications provided. In addition, bidders MUST provide pricing for ALL existing options that are technically available in the market for each common configuration. If an option is not technically available, please mark the cell as "Not Technically Available". If a bidder is a Value Added Reseller (VAR), you must select one Original Equipment Manufacturer (OEM) which you will use across all configurations for this subcategory. Propose only consistent, enterprise-class machines with stable platforms. For upgrade options, propose the most cost-effective items that are consistent with the respective configuration specifications. Bidders MUST submit a detailed product /specification sheet for each product that is proposed to the State. The product sheets should be submitted in hard copy format with the pricing proposal or by providing the URL's that link to the product description information in the cell below, preferably both. The Index Price shall be the Index Price on the RFP release date as set forth in Section 6 of the eRFP. Bidders shall provide a verifiable record of the submitted Index Price.

Options and Accessories									
Options	Change to Requirements Shown Above	OEM	Model Name	Model Number (SKU)	Index Name (Retail, Website, etc.)	Index Name URL Address	Current Index Price	Discount	RFP Price
Cache Memory	256MB Memory Module		Not Technically Avail	Not Technically Available	Not Technically Available	Not Technically Available	Not Technically Available	Not Technically	Not Technically Av
	512MB Memory Module		Not Technically Avail	Not Technically Available	Not Technically Available	Not Technically Available	Not Technically Available	Not Technically	Not Technically Av
	1GB Memory Module		Not Technically Avail	Not Technically Available	Not Technically Available	Not Technically Available	Not Technically Available	Not Technically	Not Technically Av
	2GB Memory Module	EMC	DMX-M5-2048	DMX-M5-2048	website	www.verizon.ca.ssicatalog.com	36200	99	436
	4GB Memory Module	EMC	DMX-M5-4096	DMX-M5-4096	website	www.verizon.ca.ssicatalog.com	37800	99	498
	8GB Memory Module	EMC	DMX-M5-8192	DMX-M5-8192	website	www.verizon.ca.ssicatalog.com	43500	99	614
	16GB Memory Module	EMC	DMX-M5-16384	DMX-M5-16384	website	www.verizon.ca.ssicatalog.com	54600	98	853
	32GB Memory Module	EMC	DMX-M5-32768	DMX-M5-32768	website	www.verizon.ca.ssicatalog.com	122000	98	2041

Instructions: Bidders MUST provide a discount-off-list for ANY options and/or accessories not specified on this pricing worksheet but the State may require for installed disk storage devices for mainframes

Discount-Off-List for ALL other Accessories and Parts for Disk Storage Systems 20%

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