

11/4/2016

Melissa Carr
Director, Tech Supt & Innovation, Technology Services
Volusia County School Board
200 N. Clara Ave.
Deland, FL 32721-2118

Dear Melissa,

I am pleased to present the attached proposal for an IBM POWER™ 8 system solution from Mainline. Through a combination of our proven IBM POWER™ technology, software and services, this solution has been custom designed to meet Volusia County School Board's business objectives.

The IBM POWER™ 8 platform, utilizing the POWER™ 8 processor technologies, can help you realize improved financial impact over the next three years and can affect your business in positive ways, such as by helping to:

- Rapidly respond to changing business requirements and exploit new opportunities
- Reduce the total cost of acquisition and operations
- More efficiently use IT resources and assets
- Base your business on a solid platform that helps assure high availability

As a leading IT solutions and consulting company, Mainline has been helping clients solve their business problems for 25 years. Our team of systems engineers, consultants, enterprise architects and solution architects hold more than 800 certifications. Together with our account executives and project managers, we deliver comprehensive and cost effective solutions for our clients.

Mainline can provide installation and conversion services for this solution based on a detailed Statement of Work (SOW) that will define everything that needs to be done. Because these services will be billed on a hourly basis for only the hours used, you can save on these costs by assuming some of the tasks under supervision of one of our system engineers.

I am also including a Data Sheet on the proposed system to provide you and your staff with the specifications of the system. This solution is going to provide over two times the processing power of your current system as well as more storage where needed. You will also be able to significantly expand it both in processors as well as storage if needed over the life of the system.

It is very important to note that this new system will have a four year 24x7 on site warranty. The purchase of this system will mean that you can avoid the annual renewal of maintenance on your current. With just a little more than two years of maintenance at your current cost the system will be paid for saving you almost 130,000 in maintenance in the third and fourth year.

Finally, I am sending a quote from IBM Global Finance that will outline a proposed financed purchase for the system. It is based on your making three annual payments at the beginning of each budget year. At the end of the three year term you will own the sytem outright. This is a financed purchase and NOT a lease. That actual annual payment will be calculated based on the final configuration and warranty term selected.

The best part is the plan has a 0% interest rate.

You can spread the cost over three budget years instead of a large one time purchase.

You might be interested to know that Mainline has recently moved Collier County Schools from their two old I series systems to two new Power 8 systems. This conversion went very well because of a customer and Mainline team excuting a detailed plan per a SOW which kept everything on track. You may want to talk with Linda Edzowski at Collier to talk about her experience.

Mainline stands ready to help minimize your risk and maximize your capabilities. I look forward to discussing this proposal with you in detail. Please feel free to contact me for any additional information.

Sincerely,

Paul Middleton

Paul Middleton
Account Executive
Mainline Information Systems
Jacksonville, FL 32259

From the

DATA CENTER

to the DESKTOP

Volusia County 8286-42A GSA

Contract Number: GS-35F-0216L, valid through February 6, 2021

Quote Number: AFDJ3E-1
CAGE: 043Z0
DUNS: 62-691-6779

Date: 11/4/2016
TIN:59-2960721

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CONFIDENTIAL

PLEASE NOTE: This Proposal contains system configuration, pricing, and other business information that has been developed by Mainline Information Systems, Inc. using proprietary methodologies designed to provide optimal solutions to your firm's business needs as you have expressed them to us. The information contained herein is therefore confidential in nature and is to be treated as your firm would treat its own confidential information and not disclosed to any employee of your firm not having a need to know or anyone who is not an employee of your firm without our express written permission.

IMPROVE SERVICE. MANAGE COST. REDUCE RISK.

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Power Systems Executive Overview

Power Systems: The ultimate system for compute intensive workloads

Smarter Computing

Today, we are in the midst of a technology shift driving growth and innovation. Cloud, analytics, social business, and mobile solutions aren't simply remaking computing, they are remaking business. These new applications are driving the huge growth in data volumes and variety, and the need for systems with the compute intensive performance to process it. This new era represents an opportunity for organizations to reshape the value they deliver, but cost, complexity and risk are standing in the way.

Smarter Computing—the IT infrastructure that enables the opportunities presented on a smarter planet – is a strategy that leverages cloud to speed time to market and improve efficiency, that unlocks the power of big data to deliver more actionable insight, and secures critical information to reduce risk and help business enhance their compliance policies.

Cloud ready – dynamic efficiency

More than 70 percent of the typical IT budget is tied up in operations and maintenance. Cloud server technologies can help improve IT operations efficiency to enable companies to invest in business innovation. Through its PowerVM virtualization software, IBM Power Systems™ provides dynamic efficiency for a cloud infrastructure. PowerVM virtualization provides intelligent, dynamic resource allocation for rapid response to workload demands, enabling consistently high service levels across hundreds of virtual workloads on a single system.

Data ready – business analytics

As businesses react to the explosive growth of data, they need to store it, secure it and, most importantly, extract actionable insight from it. IBM Power Systems are designed for the compute intensive performance demands of database and business analytics workloads, enabling faster business insights to be realized from processing structured and unstructured data in real time.

Security ready – enhanced compliance

The evolution of highly networked, data-intensive workloads has introduced significant security risks to IT infrastructures. And, the increasing prevalence of social, mobile, virtualization and cloud technologies present a profound security challenge. IBM Power Systems help companies enhance their security and compliance practices with policy-based PowerSC software to simplify security and lower compliance costs.

Optimized for Data and Compute Intensive Workloads

IBM has a full range of Power Systems servers, compute nodes and blades, each of which delivers leadership compute intensive performance and scalability in its class. A totally integrated approach to the design, development, and testing of each and every Power server, blade or compute node ensures the resiliency required for today's IT infrastructure.

All Power Systems server models include innovative reliability, availability and serviceability features that help avoid unplanned downtime. With Capacity on Demand, Hot-Node Add and Active Memory Expansion—Power Systems enterprise servers ensure businesses can keep their most important applications available, even as they add capacity to handle new business demands. IBM offers a full range of IBM Power Systems software technologies that enable businesses to fully exploit Power Systems servers. Designed and optimized specifically for Power Systems, IBM's offerings include IBM PowerVM virtualization software, IBM PowerHA software for high availability, PowerSC software for security and compliance, and IBM Systems Director with IBM Active Energy Manager for platform and energy management. IBM's integrated approach to developing the systems and software together enables high system utilization, high resiliency and simplified management. In addition, IBM Power Systems offers thousands of popular industry applications from ISVs running on a choice of AIX, IBM i and Linux operating systems.

Putting it All Together: Mainline

Mainline is a nationally recognized solution provider with a certified team of sales and technical professionals who have the skills, product knowledge and commitment to help clients develop and implement the right solutions to solve business needs.

Mainline has experience working with organizations of all sizes to enhance business performance through technology. The professionals at Mainline take time to understand each individual business's objectives, exploring the existing infrastructure, client pain points and expectations as well as focusing on the processes underpinning the organization.

Mainline experts hold more than 800 technical certifications across the entire Mainline solution portfolio—servers, storage, software and services. From the statement of work to implementation and support services, Mainline helps transform core business processes for long-term success. Mainline solution teams are described by clients as reliable, responsive and knowledgeable and are proud to have achieved a 98 percent overall customer satisfaction rating on customer engagements.

IBM Power System S824

Open technology server for faster insights from data

Highlights

- Consolidation of UNIX, IBM i and Linux workloads and ideal for virtualized application servers
- Analytics application and small to mid-size Database can run on the same server
- Gain faster insights with the IBM® POWER8™ processor and smart acceleration enabled by Coherent Accelerator Processor Interface (CAPI) technologies
- Reduce energy consumption utilizing advanced energy control

Power Systems: Innovation to put data to work

New innovation brings faster insight to the point of impact for today's data hungry applications

Built with innovation that puts data to work, IBM Power Systems™ deliver the foundation for organizations to bring insight to the point of impact 2x faster. These first generation systems push the physical and virtual boundaries of data center technology with innovation designed to drive the faster, more efficient data-centric applications required in today's smarter enterprise.

With new innovations, Power Systems provide the ability to:

- Gain faster insights with the POWER8 processor and smart acceleration enabled by CAPI technologies such as accelerators for key workloads
- Achieve lower latency and smaller footprint with CAPI Flash
- Move data in and out of systems more quickly with twice the memory and I/O expansion
- Achieve greater speed and efficiency for database, transactional and other highly multi-threaded applications with transactional memory supported by 50 percent more cores and 2x the number of simultaneous threads per core

Features and Benefits

Features

SMT8

Benefits

Improve system performance by increasing the throughput of workloads with large or frequently changing working sets, such as database servers and Web servers by

- Ability to invoke up to 8 concurrent threads per core
- Ability to schedule threads across core
- Ability to designate/change primary thread

Java Code Optimization w/HW Assist	<ul style="list-style-type: none"> • Taking already strong Java performance to the next level, included as part of Java Runtime, hardware helpers for Java IT code Optimization
Transactional memory	<ul style="list-style-type: none"> • Reducing customer cost by Improving performance of legacy software with large sequential components
Efficient power management	<ul style="list-style-type: none"> • Lower power usage at idle • Optimized workload power management • Improved performance per watt at moderate utilizations
PCI Gen3	<ul style="list-style-type: none"> • Significant increase in bandwidth and reduction in latency • Required for Analytics, Big Data. • Coupled with memory bandwidth drives higher compute than x86
On-chip and In-core cryptography	<ul style="list-style-type: none"> • Plug into the existing crypto framework to provide transparency for applications
Coherent Accelerator Processor Interface**	<ul style="list-style-type: none"> • Virtual Addressing & Data Caching • Easier, more natural programming model • Enables applications not possible on I/O
PowerVM® SR-IOV Adapter and POWER8 Hardware Support**	<ul style="list-style-type: none"> • Single-Root I/O Virtualization (SR-IOV) hardware support leverages the performance and quality of service benefits of this hardware technology with PowerVM virtualization to provide enhanced options for I/O virtualization on Power Systems.
PowerVP™ provides real time performance monitoring to pinpoint performance bottlenecks and relate them to specific virtualized workloads	<ul style="list-style-type: none"> • Provides the information to optimize virtualized POWER7® and POWER8 systems configurations • Validation of DPO changes for system optimization • Allows visual understanding of how the VMs are mapped to physical resources

** Statement of Direction for future support

TS3100 Tape Library Express Model

Large-capacity, high-performance tape backup for critical data

Highlights

- Designed to support the newest generation of LTO® with one IBM® Ultrium® 6 full-height tape drive or up to two IBM Ultrium 6 half-height tape drives, as well as LTO generations 5 and 4 tape drives using a 2U form factor.
- Fibre Channel attachment support for half height LTO-6 and LTO-5 tape drives
- Designed to offer outstanding capacity, performance and reliability for a cost effective back up, restore and archive for midrange storage environments
- Remote library management through a standard Web interface supports flexibility and improved administrative control over storage operations



The IBM System Storage® TS3100 Tape Library Express Model and its storage management applications are designed to exceed your capacity, performance, data protection, reliability, affordability and application requirements. The TS3100 is designed as a functionally rich, entry-level tape-storage solution incorporating LTO tape technology. The IBM TS3100 Express model is an excellent solution for large-capacity or high-performance tape backup with or without random access. The TS3100 is also an excellent choice for tape automation for IBM Power Systems, IBM System x® and other open systems.

The IBM TS3100 Tape Library Express is well-suited for handling the backup, restore and archive data-storage needs for small to medium-size environments. With the use of one LTO full-height tape drive or up to two LTO half-height tape drives and 24 tape cartridge capacity, the IBM TS3100 is designed to take advantage of LTO technology to cost-effectively handle growing storage requirements. The TS3100 Tape Library is configured with two removable cartridge magazines, one on the left side (12 data cartridge slots) and one on the right (12 data cartridge slots). Additionally, the left magazine includes a single mail slot to help support continuous library operation while importing and exporting media. A bar-code reader is standard in the library, supporting the library's operation in sequential or random access mode. The TS3100 also comes standard with remote management capabilities to allow for remote administration of the tape library through a Web interface. Path Failover, a new optional feature for this library, is designed to provide automatic control path failover to a preconfigured redundant control path in the event that a host adapter or control path drive is lost, without aborting the current job in process.

The IBM Ultrium 6 technology is designed to provide greater capacity with continued support for encryption of data. The hardware encryption and decryption core and control core reside in the IBM Ultrium 6 tape drive (available to the TS3100 with the 6 Gbps SAS and 8 Gbps FC interface). A larger internal data buffer in the full-height drive helps improve data access rates and reduce cartridge fill and rewind times along with dynamic channel calibration designed to help increase data throughput. In addition to reading and writing to LTO Ultrium 6 tape cartridges, the LTO 6 tape drive can read and write to LTO 5 cartridges and read LTO 4 cartridges with

improved data rates. The IBM Ultrium 6 tape drive is designed to support up to 160 MBps native data-transfer rates and up to 1.5 TB native physical capacity when using the IBM System Storage Ultrium 2.5 TB Data Cartridge (6.25 TB with 2.5:1 compression). The TS3100 featuring Ultrium 6 tape drives has a capacity of up to 60 TB native (150TB with 2.5:1 compression).

TS3100 Tape Library Express Model: Features and Benefits

IBM LTO® Ultrium® 6, 5 & 4 Tape Drive

- Designed to offer high capacity and performance
- Half Height supports SAS and FC (LTO 6, 5 & 4) attachment
- Full Height supports LVD SCSI (LTO 4), fibre channel and SAS interfaces

Sequential or random access mode with a standard barcode reader

- Designed to offer cost-effective functionality
- Effective backup, save and restore and archival storage capabilities

2U form factor with 24 data cartridge slots

- Designed to offer outstanding capacity, performance and reliability for midrange and network tape storage environments

Remote library management through a Web interface

- Designed to offer flexibility and greater administrative control of storage operations

Ultrium 6 native data capacities up to 60 TB (150 with 2.5:1 compression)

Ultrium 5 native data capacities up to 36 TB (72 with 2:1 compression)

Ultrium 4 native data capacities up to 19.2 TB (38.4 with 2:1 compression)

- Designed to offer high capacity and performance

Ultrium 6 native data rate of 160 MBps

Ultrium 5 native data rate of 140 MBps

Ultrium 4 native data rate of 120 MBps

- Supports high performance to address the demands of your business

Important Notes

This proposal is a revision to the original already provided. It reflects the changes discussed to the two configuration options during our conference on August 3, 2016. The first option includes the necessary internal storage to move the data now on the EMC San.

This proposal includes an upgraded warranty for a four year term that will be purchased with the system. If you elect to purchase year four once the three year warranty has expired the cost will be significantly more.

Power 8 System (AFDJ3E-1-1)

<u>Product Code</u>	<u>Product Name</u>	<u>Qty</u>	<u>Unit List</u>	<u>Extended List</u>	<u>Sales %</u>	<u>Unit Sales</u>	<u>Extended Sales</u>
Hardware							
7042-CR9	HMC 1:7042-CR9 Rack-mounted Hardw.Mgmt.Console	1	\$6,350.00	\$6,350.00	16.0 %	\$5,334.00	\$5,334.00
	Hardware Management Console Licensed Machine Code	1	N/C	N/C		N/C	N/C
	8GB Pluggable USB Memory Option	1	\$275.00	\$275.00	16.0 %	\$231.00	\$231.00
	500GB 7.2K RPM SFF SATA Disk Drive	1	\$349.00	\$349.00	16.0 %	\$293.16	\$293.16
	Rack Indicator, Rack #1	1	N/C	N/C		N/C	N/C
	Power Cable - Drawer to IBM PDU, 200-240V/10A	2	\$18.00	\$36.00	16.0 %	\$15.12	\$30.24
	Ethernet Cable, 15m, Hardware Management Console to System Unit	1	\$33.00	\$33.00	16.0 %	\$27.72	\$27.72
	HMC/Server Order Linkage Indicator	1	N/C	N/C		N/C	N/C
	Language Group Specify - US English	1	N/C	N/C		N/C	N/C
	RAID 1 Upgrade for HMC Disk	1	N/C	N/C		N/C	N/C
	HMC CR9 Redundant Power Supply, 550 W	1	\$300.00	\$300.00	16.0 %	\$252.00	\$252.00
	Shipping and Handling	1	\$309.00	\$309.00	16.0 %	\$259.56	\$259.56

<u>Product Code</u>	<u>Product Name</u>	<u>Qty</u>	<u>Unit List</u>	<u>Extended List</u>	<u>Sales %</u>	<u>Unit Sales</u>	<u>Extended Sales</u>
7316-TF4	Rack-Mounted Flat Panel Console Kit 1:7316 Model TF4	1	\$3,459.00	\$3,459.00	26.4 %	\$2,545.82	\$2,545.82
Software							
5773-RS3	3-Year SWMA for 5639-HMC	1	\$911.00	\$911.00	15.0 %	\$774.35	\$774.35
Services							
6942-CON	Contract Coverage (N/C codes)	1	N/C	N/C		N/C	N/C
6942-HMA	Hardware Maintenance (N/C codes)	1	N/C	N/C		N/C	N/C
6942-TCS	Terms (N/C codes)	1	N/C	N/C		N/C	N/C
Hardware							
3573-L2U	TS3100 Tape Library Express	1	N/C	N/C		N/C	N/C
	13m LC/LC Fibre Channel Cable	1	\$184.00	\$184.00	40.0 %	\$110.40	\$110.40
	Ultrium 4 Half-High Fibre Tape Drive V2	2	\$4,256.00	\$8,512.00	40.0 %	\$2,553.60	\$5,107.20
8286-42A	Server 1:8286 Model 42A	1	\$600.00	\$600.00	20.0 %	\$480.00	\$480.00
	Device Parity Protection-All, Specify Code	1	N/C	N/C		N/C	N/C
	IBM i Operating System Partition Specify	3	N/C	N/C		N/C	N/C
	RAID Hot Spare Specify	1	N/C	N/C		N/C	N/C
	IBM i 7.1 Specify Code	1	N/C	N/C		N/C	N/C

<u>Product Code</u>	<u>Product Name</u>	<u>Qty</u>	<u>Unit List</u>	<u>Extended List</u>	<u>Sales %</u>	<u>Unit Sales</u>	<u>Extended Sales</u>
	283GB 15k RPM SAS SFF-2 Disk Drive (IBM i)	32	\$790.00	\$25,280.00	20.0 %	\$632.00	\$20,224.00
	Primary OS - IBM i	1	N/C	N/C		N/C	N/C
	Rack Integration Services	1	\$150.00	\$150.00	20.0 %	\$120.00	\$120.00
	Rack Indicator, Rack #1	1	N/C	N/C		N/C	N/C
	Full 5250 Enterprise Enablement	1	\$60,000.00	\$60,000.00	20.0 %	\$48,000.00	\$48,000.00
	PowerVM Enterprise Edition	6	N/C	N/C		N/C	N/C
	Sys Console On HMC	1	N/C	N/C		N/C	N/C
	8 Gigabit PCI Express Dual Port Fibre Channel Adapter	3	\$3,499.00	\$10,497.00	20.0 %	\$2,799.20	\$8,397.60
	SATA Slimline DVD-RAM Drive	1	\$299.00	\$299.00	20.0 %	\$239.20	\$239.20
	EXP24S SFF Gen2-bay Drawer	2	\$5,400.00	\$10,800.00	20.0 %	\$4,320.00	\$8,640.00
	PCIe2 4-port 1GbE Adapter	3	\$351.00	\$1,053.00	20.0 %	\$280.80	\$842.40
	Power Cable - Drawer to IBM PDU, 200-240V/10A	10	\$14.00	\$140.00	20.0 %	\$11.20	\$112.00
	Language Group Specify - US English	1	N/C	N/C		N/C	N/C
	New IBM i License Core Counter	3	N/C	N/C		N/C	N/C
	Other IBM i License Core Counter	3	N/C	N/C		N/C	N/C
	AC Power Supply - 900W	4	\$250.00	\$1,000.00	20.0 %	\$200.00	\$800.00

<u>Product Code</u>	<u>Product Name</u>	<u>Qty</u>	<u>Unit List</u>	<u>Extended List</u>	<u>Sales %</u>	<u>Unit Sales</u>	<u>Extended Sales</u>
	SAS YO Cable 3m - HD Narrow 6Gb Adapter to Enclosure	4	\$300.00	\$1,200.00	20.0 %	\$240.00	\$960.00
	SAS AE1 Cable 4m - HD Narrow 6Gb Adapter to Enclosure	1	\$185.00	\$185.00	20.0 %	\$148.00	\$148.00
	SAS AA Cable 3m - HD Narrow 6Gb Adapter to Adapter	4	\$225.00	\$900.00	20.0 %	\$180.00	\$720.00
	3M Optical Cable Pairfor PCIe3 Expansion Drawer	2	\$3,100.00	\$6,200.00	20.0 %	\$2,480.00	\$4,960.00
	Optical Wrap Plug	3	\$10.00	\$30.00	20.0 %	\$8.00	\$24.00
	PCIe3 Optical Cable Adapter for 4U CEC	2	\$1,125.00	\$2,250.00	20.0 %	\$900.00	\$1,800.00
	PCIe3 12GB Cache RAID SAS Adapter Quad-port 6Gb x8	4	\$7,000.00	\$28,000.00	20.0 %	\$5,600.00	\$22,400.00
	Storage Backplane 18 SFF-3 Bays/1.8-inch SSD Attach/DVD Bay/Dual IOA with Write Cache	1	\$4,000.00	\$4,000.00	20.0 %	\$3,200.00	\$3,200.00
	PCIe3 SAS Tape/DVD Adapter Quad-port 6Gb x8	1	\$1,000.00	\$1,000.00	20.0 %	\$800.00	\$800.00
	Specify Mode-1 & (2)EJOL for EXP24S (#5887/EL1S)	2	N/C	N/C		N/C	N/C
	Front Bezel for 18-Bay BackPlane	1	\$100.00	\$100.00	20.0 %	\$80.00	\$80.00
	Eight-bay 1.8-inch SSD Cage	1	\$100.00	\$100.00	20.0 %	\$80.00	\$80.00
	#ESDA Load Source Specify	1	N/C	N/C		N/C	N/C

<u>Product Code</u>	<u>Product Name</u>	<u>Qty</u>	<u>Unit List</u>	<u>Extended List</u>	<u>Sales %</u>	<u>Unit Sales</u>	<u>Extended Sales</u>
	32 GB DDR3 Memory	4	\$1,700.00	\$6,800.00	20.0 %	\$1,360.00	\$5,440.00
	PCIe Gen3 I/O Expansion Drawer	1	\$4,198.00	\$4,198.00	20.0 %	\$3,358.40	\$3,358.40
	AC Power Supply Conduit for PCIe3 Expansion Drawer	1	\$210.00	\$210.00	20.0 %	\$168.00	\$168.00
	PCIe3 6-Slot Fanout Module for PCIe3 Expansion Drawer	2	\$3,561.00	\$7,122.00	20.0 %	\$2,848.80	\$5,697.60
	6-core 3.89 GHz POWER8 Processor Card	1	\$4,002.00	\$4,002.00	20.0 %	\$3,201.60	\$3,201.60
	One Processor Core Activation for #EPXE	6	\$1,371.00	\$8,226.00	20.0 %	\$1,096.80	\$6,580.80
	S&H-b	1	\$339.00	\$339.00	20.0 %	\$271.20	\$271.20
	283GB 15K RPM SAS SFF-3 Disk Drive (IBM i)	6	\$790.00	\$4,740.00	20.0 %	\$632.00	\$3,792.00
	Cable Ties & Labels	1	\$25.00	\$25.00	20.0 %	\$20.00	\$20.00
7014-T00	Rack 1:Rack Model T00	1	\$5,550.00	\$5,550.00	33.1 %	\$3,712.95	\$3,712.95
7226-1U3	Multi-media Enclosure	1	\$1,796.00	\$1,796.00	20.0 %	\$1,436.80	\$1,436.80
Software							
5692-A6P	System Software	1	\$350.00	\$350.00		\$350.00	\$350.00
5722-IP1	IBM Infoprint Server for iSeries	1	N/C	N/C		N/C	N/C
5722-WE2	Web Enablement for i5/OS	1	N/C	N/C		N/C	N/C
5733-ID1	IBM Infoprint Designer for iSeries	1	N/C	N/C		N/C	N/C

<u>Product Code</u>	<u>Product Name</u>	<u>Qty</u>	<u>Unit List</u>	<u>Extended List</u>	<u>Sales %</u>	<u>Unit Sales</u>	<u>Extended Sales</u>
5733-NKY	Deactivate Software Key and ePoE	1	N/C	N/C		N/C	N/C
5733-QU2	IBM Web Query for System i	1	N/C	N/C		N/C	N/C
5733-SP3	IBM Software Maintenance for IBM i and Selected Products, 3-Year Registration	1	N/C	N/C		N/C	N/C
	P20 0Price Per Proc 3Yr Reg	3	N/C	N/C		N/C	N/C
	P20 Registration/Renewal 24x7	3	\$1,620.00	\$4,860.00	15.0 %	\$1,377.00	\$4,131.00
5733-SPE	IBM Software Maintenance for IBM i and Selected Products, 3-Year Extended Registration	1	N/C	N/C		N/C	N/C
	P20 Per Processor 3Yr Reg	3	\$10,800.00	\$32,400.00	20.0 %	\$8,640.00	\$25,920.00
5733-WE3	Web Enablement for i V1	1	N/C	N/C		N/C	N/C
5733-XT2	XML Toolkit for IBM System i5	1	N/C	N/C		N/C	N/C
5761-DP4	IBM DB2 DataPropagator for iSeries V8.1	1	N/C	N/C		N/C	N/C
5765-PVE	PowerVM Enterprise Edition	1	N/C	N/C		N/C	N/C
	Per Processor - Small	6	\$400.00	\$2,400.00		\$400.00	\$2,400.00
5770-BR1	IBM Backup Recovery and Media Services for i	1	N/C	N/C		N/C	N/C
5770-DE1	IBM DB2 Extenders V9.5 for i	1	N/C	N/C		N/C	N/C
5770-JS1	IBM Advanced Job Scheduler for i	1	N/C	N/C		N/C	N/C

<u>Product Code</u>	<u>Product Name</u>	<u>Qty</u>	<u>Unit List</u>	<u>Extended List</u>	<u>Sales %</u>	<u>Unit Sales</u>	<u>Extended Sales</u>
5770-PT1	IBM Performance Tools for i	1	N/C	N/C		N/C	N/C
5770-QU1	IBM Query for i	1	N/C	N/C		N/C	N/C
5770-SS1	IBM i V7	1	\$15,000.00	\$15,000.00	20.0 %	\$12,000.00	\$12,000.00
5770-ST1	IBM DB2 Query Manager and SQL Development Kit for i	1	N/C	N/C		N/C	N/C
5770-WDS	IBM Rational Development Studio for i	1	N/C	N/C		N/C	N/C
5770-XW1	i Access Family	1	N/C	N/C		N/C	N/C
5773-PVE	3-Year SWMA for 5765-PVE	1	N/C	N/C		N/C	N/C
	Per Processor 3yr reg - Small	6	\$300.00	\$1,800.00		\$300.00	\$1,800.00
	Per Processor small system 3Yr 24x7	6	\$21.00	\$126.00		\$21.00	\$126.00
Services							
6942-12F	Software Maintenance for IBM i	1	N/C	N/C		N/C	N/C
	SWMA for IBM i	1	N/C	N/C		N/C	N/C
	Extended Coverage (24x7)	1	N/C	N/C		N/C	N/C
	Quantity of Used Processors i5/OS	4	N/C	N/C		N/C	N/C
	P20 SWMA i5/OS	1	N/C	N/C		N/C	N/C
ATTHWMA	Attached - Hardware Maintenance (ServiceElite)/Uplift to 4 Year 24x7 Hardware Maintenance	1	\$42,523.48	\$42,523.48	0.0 %	\$42,538.48	\$42,538.48

<u>Product Code</u>	<u>Product Name</u>	<u>Qty</u>	<u>Unit List</u>	<u>Extended List</u>	<u>Sales %</u>	<u>Unit Sales</u>	<u>Extended Sales</u>
Grand Total				\$316,969.48			\$260,937.48

This version of the quote has been modified in two ways. First the discount on the main system has been increased to the maximum available. Second, I have added the second LTO4 tape drive. The net result in an overall price decrease from the previous quote.

IBM License Terms

IBM Machine Code License and IBM End User License Terms

The GSA approved IBM Machine Code License Terms can be viewed at IBM's website www.ibm.com/easyaccess/gsa. The terms are located in Chapter 3, section 3.13.5 of the IBM GSA IT Schedule Contract, GS-35F-4984H. The Machine Code License terms apply in lieu of any others, and shall be incorporated by reference into any resulting order.

The GSA approved IBM End User License terms and Software Maintenance terms can be viewed at IBM's website www.ibm.com/easyaccess/gsa. Please see the following Chapters under the IBM GSA IT Schedule Contract, GS-35F-4984H: Chapter 1, General Information; Chapter 5, Software, including section 5.15 IBM Program License Agreement (IPLA); and Appendix S, Passport Advantage. These IBM End User License terms and Software Maintenance terms and conditions apply in lieu of any others, and shall be incorporated by reference into any resulting order.



10/29/2016

Melissa Carr
Director, Tech Supt & Innovation, Technology Services
Volusia County School Board
200 N. Clara Ave.
Deland, FL 32721-2118

Dear Melissa,

I am pleased to present the attached proposal for an IBM System Storage solution from Mainline. Through a combination of our proven IBM System Storage technology, software and services, this solution has been custom designed to meet Volusia County School Board's business objectives.

Three important facts pertaining to this proposal. First, I have upgraded the warranty to 24x7 same day on site coverage. Second, I have gone through the process to get approval for enhancing the discounts on either option. Finally, in the event you decide to use the IGF Financed Purchase to spread this investment over three years with annual payments I can get this added to the proposal that you have for the Power 8 System upgrade.

The right data architecture can help your business get the most out of your data, your storage, and your people. The IBM System Storage solution is configured to help you meet your data storage requirements, improve your data economics and help you gain a competitive edge. By leveraging IBM's advanced capabilities, you can manage data growth, protect data and gain actionable insights.

As a leading IT solutions and consulting company, Mainline has been helping clients solve their business problems for 25 years. Our team of systems engineers, consultants, enterprise architects and solution architects hold more than 800 certifications. Together with our account executives and project managers, we deliver comprehensive and cost effective solutions for our clients.

Mainline stands ready to help minimize your risk and maximize your capabilities. I look forward to discussing this proposal with you in detail. Please feel free to contact me for any additional information.

Sincerely,

Paul Middleton

Paul Middleton
Account Executive
Mainline Information Systems
Jacksonville, FL 32259



From the

DATA CENTER

to the DESKTOP

Protectier Solution - With Replication Four Year Warranty

Quote Number: AF8266-1

Date: 10/29/2016

Prepared For:

Melissa Carr, Director
Technology Services & Innovation
Volusia County School Board
200 N. Clara Ave.
Deland, FL 32721-2118
(386) 734-7190 ext. 20114
mcarr@volusia.k12.fl.us

Prepared By:

Paul Middleton
Account Executive
Mainline Information Systems, Inc.
(904) 260-1758
paul.middleton@mainline.com

IMPROVE SERVICE. MANAGE COST. REDUCE RISK.

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TS7620 ProtecTIER Deduplication Appliance Express

Highlights

- Improve backup and recovery performance with high-speed disk-based data protection
- Accelerate recovery of mission-critical data
- Optimize storage infrastructure and reduce TCO
- Achieve business resilience objectives without changing existing backup procedures and practices
- Simple-to-install, manage and maintain data protection for midsized IT environments



Organizations from all industries and all sizes are continuing to struggle with data growth and the need to retain data longer. Designed for mid-sized companies needing a more holistic approach to data protection, the IBM System Storage® TS7620 ProtecTIER® Deduplication Appliance Express leverages unique data deduplication technology to help solve critical backup and recovery challenges.

Available in two configuration options, the TS7620 ProtecTIER Deduplication Appliance Express is an integrated server and storage hardware platform that ships with IBM ProtecTIER deduplication software preinstalled. This solution has a preconfigured repository and can be configured with either a Virtual Tape Library (VTL) or Symantec OpenStorage (OST) interface. The TS7620 ProtecTIER Deduplication Appliance Express provides capacity, price/performance and reliability/availability/scalability features your business demands.

The TS7620 ProtecTIER Deduplication Appliance Express provides:

Product Features:

- Single 3u integrated base appliance in 6TB and 12TB usable repository sizes
- Growth above the base unit configurations to 23TB and 35TB, with the addition of one or two expansion drawers, respectively
- Plug-and-play installation
- Virtual Tape Library (VTL) or Symantec OpenStorage (OST) interface support
- Easily managed from ProtecTIER GUI Manager

Hardware Summary

- Two 500 GB SAS boot disks and up to twelve 2 TB Nearline SAS disks
- One LSI MegaRAID card and battery backup and four 4 GB memory DIMMs
- One Intel® Pro/1000 PT dual-port GbE adapter and one Emulex LPe11002 FC HBA (VTL)
- Two Intel® Pro/1000 PT dual-port GbE adapters and One Intel® Pro/1000 PT quad-port GbE adapter (CIFS/NFS, OST)

- One external DVD drive, cables and other components needed to provide a complete solution

TS7620 ProtecTIER Deduplication Appliance Express

Patented HyperFactor® Data Deduplication Technology

- Reduces storage needs by up to 25 times or more, reducing costs
- Greatly improves backup and recovery operations

Implementation

- Completely integrated plug-and-play solution for quick installation
- Involves no client or host agents

Performance

- Disk-based backup improves performance and backup and recovery
- Recovery from disk is even faster enabling systems to get back online quicker

Simplified Management

- Easy-to-use Graphical User Interface (GUI) for simplified management

Automated electronic replication

- Leverages deduplication to greatly reduce bandwidth requirements
- One-to-One, Many-to-One and Many-to-Many replication environments

Economics

- Acquisition cost and TCO 50-80 percent lower than standard non-deduplication solutions

Data Integrity

- Avoids the risk of hash collisions, which could lead to corruption and data loss

Protectier Solution - With Replication Main Site (AF8266-1-1)

<u>Product Code</u>	<u>Product Name</u>	<u>Qty</u>	<u>Unit List</u>	<u>Sales %</u>	<u>Unit Sales</u>	<u>Extended Sales</u>
Hardware						
3959-SM2	TS7620 Appliance Express	1	\$5,500.00	35.0 %	\$3,575.00	\$3,575.00
3458	8Gb FC Dual Port HBA – Host	1	\$4,350.00	35.0 %	\$2,827.50	\$2,827.50
3709	2TB HDD - 12 Pack	1	\$25,000.00	35.0 %	\$16,250.00	\$16,250.00
9022	VTL	1	N/C		N/C	N/C
9316	SMB sw Capacity 6TB	1	N/C		N/C	N/C
9953	C13 to C14 power cord	1	N/C		N/C	N/C
AGGC	Shipping and Handling SM2	1	\$186.00	35.0 %	\$120.90	\$120.90
AGKD	ProtectTIER V3.4 Entry preload	1	N/C		N/C	N/C
Software						
5639-PTC	IBM System Storage ProtecTIER Entry Edition V3.4	1	N/C		N/C	N/C
0014	ProtectTIER TS7620 Replication Capacity 1	1	\$5,000.00	35.0 %	\$3,250.00	\$3,250.00
0016	ProtectTIER TS7620 VTL Capacity 1	1	\$18,500.00	35.0 %	\$12,025.00	\$12,025.00
3450	ESD	1	N/C		N/C	N/C
5826	Media Supply - Capacity 1 for TS7620	1	N/C		N/C	N/C
5639-TAD	IBM System Storage ProtecTIER Entry Edition 4Yr SWMA Registration	1	N/C		N/C	N/C

<u>Product Code</u>	<u>Product Name</u>	<u>Qty</u>	<u>Unit List</u>	<u>Sales %</u>	<u>Unit Sales</u>	<u>Extended Sales</u>
0007	ProtecTIER TS7620 VTL Cap 1 3yr Reg	1	\$7,400.00	35.0 %	\$4,810.00	\$4,810.00
0014	ProtecTIER TS7620 Repl Cap 1 3yr Reg	1	\$2,000.00	35.0 %	\$1,300.00	\$1,300.00
9000	SWMA Renewal Registration	1	N/C		N/C	N/C
ATHWMA	Attached - Hardware Maintenance (ServiceElite)/Uplift to 4 Year 24x7 Hardware Maintenance	1	\$11,873.05		\$11,873.05	\$11,873.05
Grand Total					\$56,031.45	

Protectier Solution - With Replication DR Site (AF8266-1-2)

<u>Product Code</u>	<u>Product Name</u>	<u>Qty</u>	<u>Unit List</u>	<u>Sales %</u>	<u>Unit Sales</u>	<u>Extended Sales</u>
Hardware						
3959-SM2	TS7620 Appliance Express	1	\$5,500.00	38.0 %	\$3,410.00	\$3,410.00
3458	8Gb FC Dual Port HBA – Host	1	\$4,350.00	38.0 %	\$2,697.00	\$2,697.00
3709	2TB HDD - 12 Pack	1	\$25,000.00	38.0 %	\$15,500.00	\$15,500.00
9022	VTL	1	N/C		N/C	N/C
9316	SMB sw Capacity 6TB	1	N/C		N/C	N/C
9953	C13 to C14 power cord	1	N/C		N/C	N/C
AGGC	Shipping and Handling SM2	1	\$186.00	38.0 %	\$115.32	\$115.32
AGKD	ProtectTIER V3.4 Entry preload	1	N/C		N/C	N/C
Software						
5639-PTC	IBM System Storage ProtecTIER Entry Edition V3.4	1	N/C		N/C	N/C
0014	ProtectTIER TS7620 Replication Capacity 1	1	\$5,000.00	38.0 %	\$3,100.00	\$3,100.00
0016	ProtectTIER TS7620 VTL Capacity 1	1	\$18,500.00	38.0 %	\$11,470.00	\$11,470.00
3450	ESD	1	N/C		N/C	N/C
5826	Media Supply - Capacity 1 for TS7620	1	N/C		N/C	N/C
5639-TAD	IBM System Storage ProtecTIER Entry Edition 3Yr SWMA Registration	1	N/C		N/C	N/C

<u>Product Code</u>	<u>Product Name</u>	<u>Qty</u>	<u>Unit List</u>	<u>Sales %</u>	<u>Unit Sales</u>	<u>Extended Sales</u>
0007	ProtecTIER TS7620 VTL Cap 1 3yr Reg	1	\$7,400.00	38.0 %	\$4,588.00	\$4,588.00
0014	ProtecTIER TS7620 Repl Cap 1 3yr Reg	1	\$2,000.00	38.0 %	\$1,240.00	\$1,240.00
9000	SWMA Renewal Registration	1	N/C		N/C	N/C
ATHWMA	Attached - Hardware Maintenance (ServiceElite)/Uplift to 4 Year 24x7 Hardware Maintenance	1	\$11,873.05		\$11,873.05	\$11,873.05
Grand Total					\$53,993.37	

Solution Selection

As this proposal offers multiple solutions, please select the solution(s) which best meet your needs:

Quote #	Configuration Name	Price
<input type="checkbox"/> AF8266-1-1	Protectier Solution - With Replication Main Site	\$56,031.45
<input type="checkbox"/> AF8266-1-2	Protectier Solution - With Replication DR Site	\$53,993.37
	Grand Total	\$110,024.82



Proposal Acceptance and Signature Page

Proposal for
Volusia County School Board
10/29/2016
Proposal Number: AF8266-1
PO#: _____

Client’s signature below indicates acceptance of this offer subject to the Mainline Terms and Conditions of Sale, available at mainline.com/about/terms-conditions-sale , which is incorporated herein by this reference and made a part hereof, except as otherwise agreed to by the parties. Execution of this proposal authorizes Mainline to place on order, ship, and invoice any equipment, third party products and/or services identified in this proposal. Orders are non-cancellable unless otherwise stated in this proposal. Client is responsible for shipping costs; Mainline retains risk of loss and title to equipment until delivery. When applicable, Mainline will state shipping costs in this proposal, as well as on Client invoice. Expedited shipping requests will result in Client incurring additional shipping fees.

Price is valid for 30 days and subject to applicable taxes. Payment terms are net 30 days. The pricing set forth in the proposal is based upon the applicable manufacturer's current pricing matrix and the application of all charges and/or credits. Mainline will advise Client in writing prior to shipment of any changes in pricing by the manufacturer that would affect this proposal.

For hardware maintenance renewals, the inventory presented in this proposal is based on Client’s current maintenance contract and information provided by Client. Client is responsible for ensuring that the inventory presented is all inclusive of the current installed environment and that applicable software is updated to current supported levels. Only the inventory presented will be covered for hardware maintenance and/or services as stated in the proposal.

SKU Services descriptions are available at mainline.com/about/mainline-service-work-orders .

Please return an executed copy of this entire Proposal, including the Proposal Acceptance and Signature Page, to me via mail or fax at 888-381-6851. Thank you for your confidence in Mainline Information Systems.

Volusia County School Board Representative’s
Authorized Signature/Title

Date

Volusia County School Board Representative’s
Print Name/Title

Mainline Information Systems Representative’s
Authorized Signature/Title

Date

From the

DATA CENTER

to the DESKTOP

Server Smoothstart and Protectier Implementation

Creation Date: 11/3/2016

Revision Date: 11/3/2016

Prepared For:

Volusia County School Board
200 North Clara Avenue
DeLand, FL 32721

MSA Number: MIS-S020608-VSB

Doc. Control No.: 37144-11032016

Rev. No.: AFCRAU-1

Presented By:

Paul Middleton
Account Executive
(904) 260-1758
paul.middleton@mainline.com

Prepared By: Chris Tronrud

chris.tronrud@mainline.com
(850) 219-5000

CONFIDENTIAL

PLEASE NOTE: This Statement of Work contains system configuration, pricing, and other business information that has been developed by Mainline Information Systems, Inc. using proprietary methodologies designed to provide optimal solutions to your firm's business needs as you have expressed them to us. The information contained herein is therefore confidential in nature and is to be treated as your firm would treat its own confidential information and not disclosed to any employee of your firm not having a need to know or anyone who is not an employee of your firm without our express written permission.

IMPROVE SERVICE. MANAGE COST. REDUCE RISK.

Statement of Work

Purpose

The purpose of this Statement of Work (“SOW”) is to define the roles and responsibilities of both parties, and the scope of this engagement. This SOW is by and between Volusia County School Board (“CLIENT”) and Mainline Information Systems, Inc. (“MAINLINE”), and is subject to the terms and conditions of the Master Service Agreement (“Agreement”), MSA # MIS-S020608-VSB. MAINLINE’s ability to perform the Services and the pricing contained herein are contingent upon CLIENT complying with the additional provisions set forth at <http://mainline.com/sow>, which are incorporated herein by reference and made a part hereof.

Coordination

MAINLINE will assign a Project Coordinator (“PC”) for the duration of this engagement. The MAINLINE PC will work remotely with CLIENT’s designated Point of Contact (“POC”) to kick-off the project, coordinate engagement of the technical resource(s) and complete the project. The PC will work with CLIENT’s POC to establish any changes to scope requiring a Project Change Request (“PCR”). The MAINLINE PC will serve as an escalation point for both parties to report any issues that could impact successful delivery of this SOW.

For a description of MAINLINE’s escalation and change control process related to this SOW, please visit <http://mainline.com/sow>

Scope

Mainline will provide server smoothstart services as well as the services to install Protectier.

A MAINLINE Server SmoothStart is designed to implement and configure up to ten servers into CLIENT environment efficiently and correctly. A MAINLINE consultant will hold a planning call to capture the unique configuration points prior to implementation and discuss scheduling of the resource. MAINLINE will then implement, and upon completion, prepare a written summary of the implemented configuration. MAINLINE delivers this service through a combination of onsite (to one work site) and remote consulting services.

Tasks Include:

- Conduct planning call with CLIENT to ensure all equipment and software facilities are ready for implementation
- Install up to ten (10) servers or a single partition and confirm connectivity
- Install Operating System (OS)
- As required: Update firmware; configure feature(s); connect to networks, storage or peripheral equipment
- Final review of configurations, installation and knowledge transfer with CLIENT point-of-contact.

ProtectTIER Installation and Integration

Provide Implementation Services for ProtectTIER VTL library

Tasks include:

- Conduct a planning session to discuss the following topics:
 - Power requirements
 - IP requirements
 - Virtual library design
 - Virtual cartridges design
 - Host connection requirements
 - Tape library and drive requirements
 - System requirements
 - Discuss Data Deduplication capabilities and functions
- Configure the PROTECTIER with the CLIENT provided IP addresses
- Create the required Virtual libraries and Virtual cartridges
- Install and route the required fiber channel cables to the existing SAN switches
- Assist creating required SAN switch zones to zone the PROTECTIER
- Create the required host connections on the PROTECTIER to BRMS
- Map and configure the required Virtual cartridges to BRMS
- Create new Policy domains to utilize the new Virtual cartridges
- Modify and ensure operations of any CLIENT and administrative schedules
- Ensure appropriate operation and performance levels for the virtual volumes by performing backup and restores while utilizing the newly configured VTL
- Ensure appropriate retention values are set for the BRMS partitions that utilize the virtual volumes. This will ensure that the customer data is kept on PROTECTIER the required amount of time before it is moved to tape.
- Verify that all of the required CLIENT backups are completing within the required timeframe
- Ensure that the Virtual cartridge reuse period is set to the required length of time to minimize the amount of Virtual cartridge creations and to optimize the reuse of the Virtual cartridges
- Set up replication between WinterHaven and DeLand sites.
- Skills transfer during the engagement

Deliverables

MAINLINE will provide a PROTECTIER installation document that will contain the following information:

- IP addresses of the PROTECTIER
- PROTECTIER operations guide
- PROTECTIER best practices guide

CLIENT Responsibilities

- Designate a person as the point-of-contact who will be the focal point for MAINLINE communications relative to this project and will have the authority to act on behalf of CLIENT in all matters regarding this project.
- Provide an environmentally safe working environment, commensurate with the number of on-site MAINLINE consultants. This work area will include: Computer workstations, Software/tools, Network access, Internet access, Telephones, Desks, Other general office equipment (as provided to their own staff) as and when needed to facilitate project completion by MAINLINE personnel, Printing and reproduction facilities for project staff while working on CLIENT premises
- Prior to making facilities, software, hardware, networks or other similar resources available to MAINLINE, CLIENT will promptly obtain any licenses or approvals necessary for MAINLINE or its subcontractors to use, access and modify such resources to the extent necessary for MAINLINE to perform the Services, including the development of any Materials. MAINLINE will be relieved of its obligations to the extent CLIENT'S failure to promptly obtain such licenses or approvals adversely affects MAINLINE's ability to perform its obligations.
- CLIENT will be responsible for the content of any database, system or server, the selection and implementation of control on its access and use, backup and recovery of the security of the stored data on same. This security will also include any procedures necessary to safeguard the integrity and security of software and data used in the Services from access by unauthorized personnel.
- Provide all building and system access items, such as user ids and passwords, and access badges in a timely manner
- Provide access to CLIENT staff familiar with all project requirements and the use of all included systems.
- Provide VPN access to MAINLINE staff for any remote work contemplated under this SOW. If CLIENT does not provide VPN access and other remote access to the environment is required, CLIENT will be required to execute a PCR to account for additional time necessary to complete SOW tasks.

Failure of CLIENT to provide for any of the preceding requirements may invoke the Change Control Procedure, and may result in additional time or cost requirements. CLIENT shall be liable for any delays to the delivery schedule specified in this SOW caused by the CLIENT, its vendor(s), or resulting from CLIENT'S failure to fulfill any of its obligations. MAINLINE may charge CLIENT for any additional charges or losses incurred by MAINLINE as a result of such delays. MAINLINE may adjust the affected delivery schedule accordingly.

Assumptions

- A project change request (PCR) would be required to add time to migrate existing tapes to virtual in the VTL.
- Remote VPN access to CLIENT systems required to perform Services herein. If VPN access is not provided, CLIENT will be required to execute a PCR to account for additional time necessary to complete SOW tasks.

- All necessary hardware is onsite and satisfies all environmental requirements prior to MAINLINE technical personnel's arrival.
- All hardware and software related to this engagement are at current or supported maintenance levels.

Completion Criteria

Services as described in this SOW will be considered complete when the first of the following occurs:

- The SOW has expired, or
- The tasks/deliverables/responsibilities specified above are provided, or
- The total labor hours specified in this SOW or in any subsequent PCR authorized by MAINLINE and CLIENT are expended, or
- The project is terminated under the applicable provisions of the Agreement.

MAINLINE will issue a Completion Report when the Services described herein, or in any subsequent PCR, have concluded and any of the completion criteria, if included in this SOW, has been met. Final invoicing and close-out of the project will occur five (5) business days after the Completion Report has been delivered unless CLIENT notifies MAINLINE, in writing, of any concerns associated with the close-out of the project.

Pricing & Terms

37144-11032016

CLIENT agrees that the below totals represent the commercially reasonable effort by MAINLINE to accurately determine the labor and expenses required to perform the defined project based on the currently available information and are subject to change, unless noted otherwise.

<u>Product Code</u>	<u>Product Name</u>	<u>Qty</u>	<u>Unit Sales</u>	<u>Extended Sales</u>
MPSCONSULTING	Consulting	64	\$225.00	\$14,400.00
Services Total				\$14,400.00

- Travel and living expenses are not included in the total above and will be billed separately at actual cost, estimated at \$2,000 per trip with two (2) anticipated trips totaling an estimated \$4,000.00. CLIENT execution of this SOW constitutes travel and living pre-approval.
- Work is assumed to be performed during standard business hours (Monday - Friday, 8:00 AM - 5:00 PM) CLIENT local time.
- This is an hourly SOW and CLIENT will be invoiced monthly, for actual hours worked.
- The estimated number of hours for this SOW is sixty four (64) hours, and the maximum number of hours that may be worked under this SOW is sixty four (64). Additional hours will require a PCR.
- The estimated start date for this effort will be mutually agreed to between MAINLINE and CLIENT and based on resource availability.
- CLIENT agrees and acknowledges that MAINLINE may subcontract a service, or any part of it, MAINLINE provides to CLIENT, to subcontractors selected by MAINLINE.
- This SOW expires four (4) months after date of CLIENT signature unless a PCR is executed.

Approvals

Server Smoothstart and Protectier Implementation

37144-11032016

This SOW is subject to the terms and conditions of the Agreement. Both parties warrant and represent that they have authority to execute this SOW on behalf of their company and bind them to the obligations.

Price is valid for 60 days and subject to applicable taxes. Scheduling a start date of services perform resources will commence within 14 days of all contracts and PO (if applicable) being signed by CLIENT.

In the event CLIENT is PO driven, then please return a copy of your PO along with this signed SOW.

IN WITNESS HEREOF, CLIENT and MAINLINE have caused this Attachment to be executed by their duly authorized signatures.

Volusia County School Board

MAINLINE INFORMATION SYSTEMS, INC.

BY: _____
(AUTHORIZED SIGNATURE)

BY: _____
(AUTHORIZED SIGNATURE)

NAME: _____
(PRINTED)

NAME: _____
(PRINTED)

TITLE: _____

TITLE: _____

DATE: _____

DATE: _____

Please Return Entire Document (All Pages) to:	
Services Contracts Administrator MAINLINE INFORMATION SYSTEMS, INC. 1700 Summit Lake Drive Tallahassee, FL 32317	Fax: 888-242-9497 Email: Services@Mainline.com Website: www.mainline.com