

Virginia Information Technologies Agency



FY17

PSAP GRANT PROGRAM APPLICATION



VIRGINIA INFORMATION
TECHNOLOGIES AGENCY
Integrated Services Division



FY17 PSAP GRANT PROGRAM APPLICATION

HOW TO APPLY/DEADLINE

The grant application is available and accessible from VITA ISP's website (<http://www.vita.virginia.gov/isp/default.aspx?id=8578>). Upon completion of the application, it is to be submitted to your Regional Coordinator. Any supporting documentation must also be submitted along with the application, including mandatory budgets for projects (if applicable).

After the close of the grant application cycle, a Grant ID and email receipt notification will be sent to the e-mail address listed on the application received.

All funding requests must be submitted using the grant application. Technical assistance is available from VITA's Public Safety Communications (PSC) staff throughout the grant process. The FY17 PSAP Grant Application Cycle starts July 1, 2015 and concludes on September 30, 2015 at 5:00 pm.

ALL APPLICABLE SECTIONS MUST BE COMPLETED IN ITS ENTIRETY OR THE APPLICATION WILL BE CONSIDERED INCOMPLETE AND NOT ACCEPTED FOR CONSIDERATION.



FY17 PSAPGRANT APPLICATION

PROJECT TITLE

Greensville Primary Mapping System

GRANT APPLICANT PROFILE/PROJECT CONTACT

PSAP/HOST PSAP NAME: Greensville Sheriff's Office

CONTACT TITLE: Building/Fire Official

CONTACT FIRST NAME: Charles

CONTACT LAST NAME: Veliky

ADDRESS 1: 174 Uriah Branch Way

ADDRESS 2: [Click here to enter text](#)

CITY: Emporia

ZIP CODE: 23847

CONTACT EMAIL: mveliky@greensvillecountyva.gov

CONTACT PHONE NUMBER: 434-348-4232

CONTACT MOBILE NUMBER: 434-637-1413

CONTACT FAX NUMBER: 434-348-0696

REGIONAL COORDINATOR: Lyle Hornbaker

HOST PSAP AND PARTICIPATING PSAPS/LOCALITIES

Greensville Sheriff's Office

GRANT TYPE

XXXX Individual PSAP

Shared Services



TIER

Out of Service

XXX Non-Vendor Supported*

Technically Outdated*

Strengthen

Not Applicable

If technically outdated or non-vendor supported, application MUST include age and/or version of hardware/software.

VERSION: 3.4.07012 (xtrakker)

Windows xp (platform)

YEARS of

HARDWARE/SOFTWARE:

PRIORITY/PROJECT FOCUS 9-1-1 MAPPING DISPLAY

If "Other" selected, please specify: [Click here to enter text](#)

FINANCIAL DATA

Amount Requested: \$103,410.00

Total Project Cost: \$103,410.00

STATEMENT OF NEED



This statement should reference the relationship to the current funding priorities established by the Grant Committee and include evidence of any financial need, along with additional information on the impact on operational services; consequences of not receiving funding; inclusion of project in a long-term or a strategic plan; and local sustainability:

Greenville is currently using TCS xtrakker for PSAP Mapping in the Dispatch Center. The product is running on a Windows XP platform, which is no longer supported. Both products were installed in 2009. Windows XP is known to be vulnerable and unsecure, while the future of TCS's involvement in the Mapping Industry is unknown at this time.

Describe how the grant will be maintained and supported in the future, if applicable.

Greenville County will fund support and maintenance costs beyond the end date of included services through normal budget operational methods. IT support will be performed by the county's IT department.

COMPREHENSIVE PROJECT DESCRIPTION



Identify the longevity or sustainability of the project.

Greensville County is attempting to be proactive in insuring the longevity and sustainability of the Dispatch Center's Mapping Components by eliminating an unsupported Operating System and switching a now six year old Mapping Product to a newer product capable of meeting the demands of NG911.

Describe how this project supports the Virginia Statewide Comprehensive 9-1-1 Plan.

This Project supports the Statewide Plan by taking steps to protect the reliability and security of the county's 911 system, while also better leveraging GIS technology and data to improve response capabilities and more precisely locate callers.

SHARED SERVICES(if applicable)



The relationship of the project to the participating PSAPs:

Click here to enter text

Intended collaborative efforts:

Click here to enter text

Resource sharing:

Click here to enter text



How does the project impact the operational or strategic plans of the participating agencies:

Click here to enter text

Provide a thorough, concise, and complete description of the project, including an outline of the goals and objectives, implementation strategy, and a work plan.

Click here to enter text

**PROJECT TIMELINE FOR
SHARED SERVICES & INDIVIDUAL PSAP APPLICATIONS:**

For each applicable phase of the project, indicate the estimated completion date. Sample activities for each phase are included.

PROJECT PHASE	ESTIMATED COMPLETION DATE
----------------------	--------------------------------------



<input type="checkbox"/> INITIATION (Project approved by appropriate stakeholders) Sample activities: project concept is documented, local board or governing authority approval or endorsement is received, PSAP grant application is filed, local budgets are obtained, appropriated grant funds are approved, and budgetary estimates are obtained	09 / 15 / 15
<input type="checkbox"/> DESIGN/PLANNING (Project, system, or solution requirements are developed) Sample activities: requirements are documented, components to be purchased are identified, and general design is documented	02 / 01 / 16
<input type="checkbox"/> ACQUISITION (Selected system or solution is procured) Sample activities: RFP (or other bid related processes) are drafted, proposals are evaluated, contract is signed, purchase orders are issued, and quotes are obtained	07 / 15 / 16
<input type="checkbox"/> IMPLEMENTATION (Selected system or solution is configured and installed) Sample activities: purchased components are delivered and installed and training is performed	11 / 01 / 16
<input type="checkbox"/> TESTING/COMPLETION (Selected system or solution is tested and put in production) Sample activities: performance of system/solution is validated and system/solution goes "live"	02 / 01 / 17



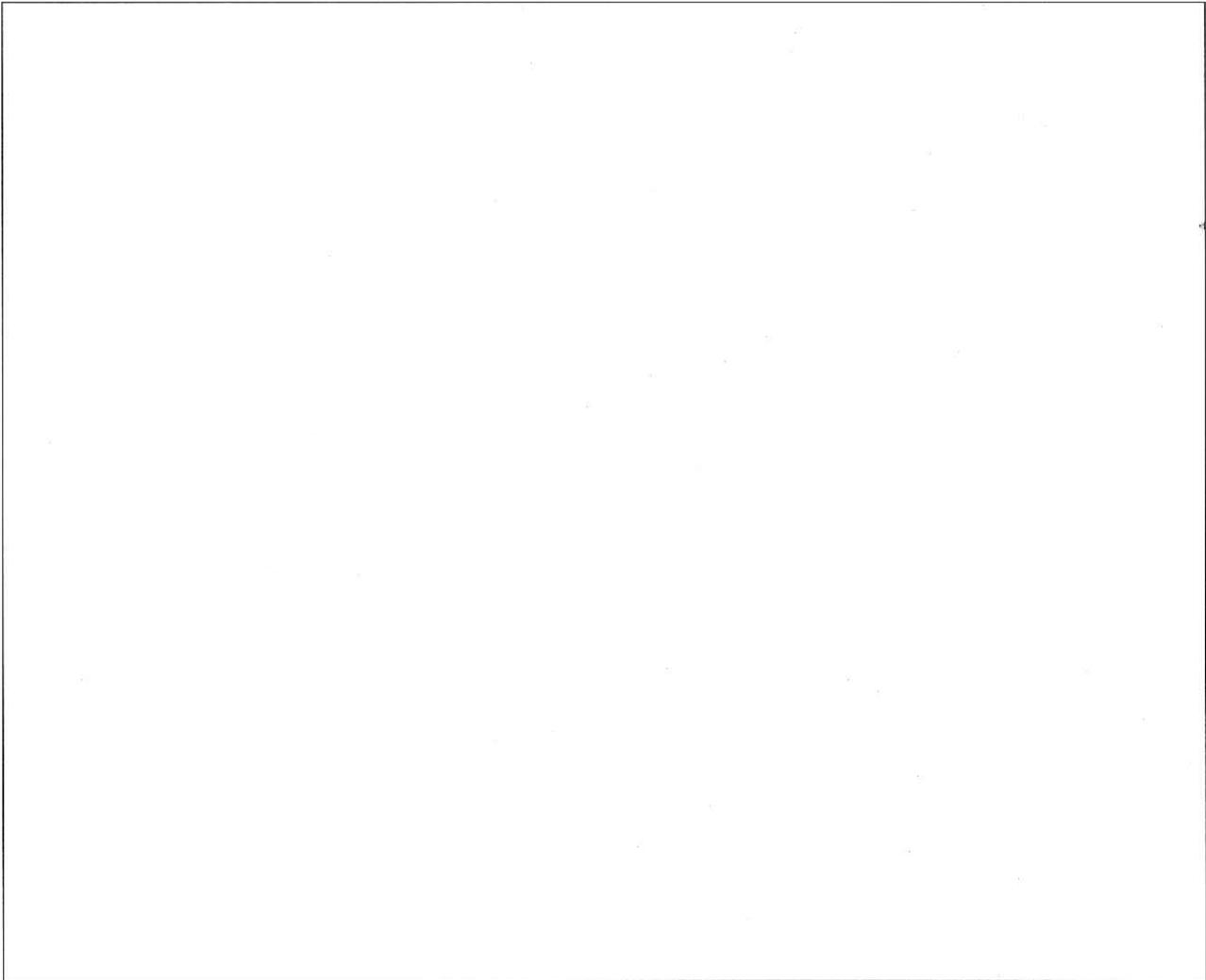
BUDGET AND BUDGET NARRATIVE

List the planned expenditures to be made with grant funds. (**NOTE: In lieu of a line item breakdown, an itemized cost schedule or detailed vendor prepared quote may be submitted as an attachment. However, budgetary quotes received from a particular vendor(s) during the application process do not commit the PSAP to use that vendor(s) once the grant is awarded.**) Briefly explain the reason for each requested budget item and provide the basis for its cost. In addition, if contingency cost has been added, please identify the amount.

Click here to enter text

Mapping Software & Services	\$68,464.00
Hardware	\$19,122.00
Extended Support & Maintenance	\$39,500.00

Total Project	\$127,086.00



EVALUATION

How will the project be evaluated and measured for achievement and success:

Upon completion of installation and testing of all hardware and software, interoperability with the GIS system will be tested and verified through uploading GIS data updates. Interoperability with the Call Handling Equipment will be tested and verified through testing and populating wireline and wireless calls.



CONSOLIDATION (Primary or Secondary) - (complete only if applicable)

How would a consolidation take place and provide improved service:

[Click here to enter text](#)

How should it be organized and staffed:

[Click here to enter text](#)

What services should it perform:

[Click here to enter text](#)



How should policies be made and changed:

Click here to enter text

How should it be funded:

Click here to enter text

What communication changes or improvements should be made in order to better support operations:

Click here to enter text

**TCS TeleCommunication
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June 5, 2015

Ms. Katherine Howerton
GIS Coordinator
Greensville County
1781 Greensville County Circle
Emporia, VA23847

Dear Katherine,

Based on the evaluation of our product portfolio and market feedback, TeleCommunication Systems, Inc (TCS) is notifying you that we are announcing the End of Life for our x9GIS and x9Collector products. Please consider this letter your written notification of the End of Life for these two products. This means x9GIS and x9Collector will no longer be enhanced and that maintenance and technical support will be discontinued effective September 15, 2015.

We apologize for any inconvenience but we are working with our partners to identify solutions that can provide you with alternatives for the current functionality should you desire one.

If you have any question, please contact me at 610-438-4061 or bgojanovich@telecomsys.com.

Thank you for your business!

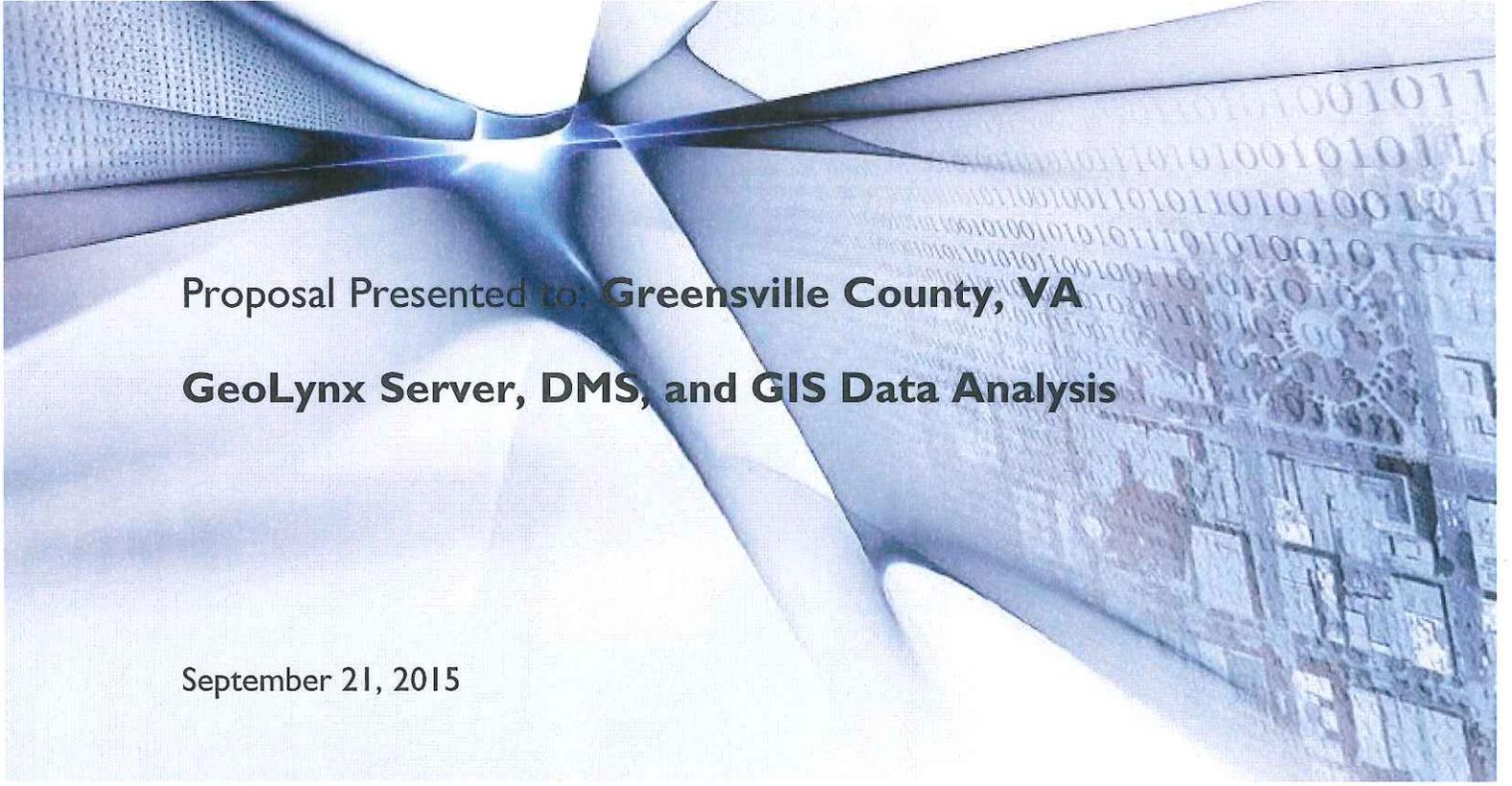
Best regards,



Bob Gojanovich, ENP
Regional Account Manager

GeoComm

“When seconds matter, we help save lives and protect property by providing essential, innovative location-based solutions to public safety professionals.”



Proposal Presented to: Greenville County, VA
GeoLynx Server, DMS, and GIS Data Analysis

September 21, 2015

Budgetary Quote

Prices are valid for a period of 90 days.

Total does not include sales tax. Applicable taxes will be determined upon contract signing.

Northumberland County is responsible for paying all sales taxes.

System Overview

GeoComm proposes an active/passive GeoLynx Server Dispatch Mapping system to support three dispatch users. The system will interface with Greenville County's CAD system. Training and Installation prices are included. The following editing software products are also proposed to Greenville County:

- GeoLynx DMS GIS Data Manager: provides GIS administrator with powerful desktop-based GIS data management and quality control tools as well as the ability to track and manage GIS change requests submitted by system users.
- MSAG Manager for building and updating the MSAG and ensuring high synchronization rates of the MSAG and GIS data

GeoComm additionally proposes GIS Map Data Analysis Service.

Pricing Summary

Description	One-time Price	Annual Price	Total Price
GeoLynx Server Dispatch Mapping	\$45,794	\$5,100	\$50,894
Standard Dispatch CAD Interface	\$5,900	\$900	\$6,800
GIS Analysis Services	\$1,375	-	\$1,375
GeoLynx DMS GIS Data Management Tools	\$15,395	\$1,900	\$17,295
Extended Support and Maintenance	-	\$31,600	\$31,600
Price Proposal Total:	\$68,464	\$39,500	\$107,964

Notes: Fees from third party vendors are not included in this proposal.

Software support and maintenance services shall commence after software installation and continue for one year.

Price Detail

GeoLynx Server Dispatch Mapping

Description	Total Price
Base Pricing	
GeoLynx Server GIS Setup Services	\$1,000
GeoLynx Server Dispatch Mapping licenses (3)	\$25,500
GeoLynx Server 9-1-1 Call Viewing	Included
GeoLynx Server Dispatch Mapping Installation and Training	\$7,970
Project Management	\$6,224
Base Pricing Total:	\$40,694
Annual Pricing	
GeoLynx Server Dispatch Mapping licenses Annual Software Support and Maintenance	\$5,100
GeoLynx Server 9-1-1 Call Viewing Annual Software Support and Maintenance	Included
Annual Pricing Total:	\$5,100
Total:	\$45,794
<p>Notes: Server hardware specification capacity is recommended for <50 simultaneous users. Performance is impacted based on a number of things including network performance, map data configuration, and the number of users.</p> <p>GeoComm proposes GeoLynx Server in an N+1, Active + Passive type architecture. Use of the GeoLynx Server backup license will provide redundancy in instances when the active server is not available such as for routine maintenance and/or in the event the primary GeoLynx Server is inoperable. The use of both GeoLynx Server licenses simultaneously is not permitted.</p> <p>Hardware meeting minimum specifications outlined by GeoComm is required for system functionality. Pricing does not include system hardware. Greenville County is responsible for providing hardware. If Greenville County provides a dedicated web server with more than one quad core processor (four cores of processing), additional GeoLynx Server license fees will apply.</p> <p>The proposed system does not have routing functionality. To achieve basic routing using local data in GeoLynx Server, Greenville County may implement an Esri Network Routing Dataset with one-way, speed, distance, and minutes attributes. ArcGIS Network Analyst Extension for Desktop is required to create, edit, and maintain the routing dataset. GeoComm may provide pricing for the ArcGIS Network Analyst for Desktop and/or associated services to develop and maintain the dataset. Additional pricing may be provided for GeoComm to develop advanced routing attributes.</p> <p>ArcGIS Network Analyst extension for Server is required for routing in GeoLynx Server.</p> <p>Alternatively, to achieve routing in GeoLynx Server, Greenville County may use ArcGIS Online to access the World Route service through Esri. The World Route service requires a subscription to ArcGIS Online and will consume "credits" with each route used; currently, simple routes consume 0.04 credits per route. The World Route service uses commercial data which is not indented for use in public safety operations. It is Greenville County's responsibility to determine the usability of the World Routing service and to acquire an ArcGIS Online World Routing Service subscription through Esri. Pricing for the ArcGIS Online World Routing Service subscription is determined based on the terms of use between Greenville County and Esri. GeoLynx Server version 8.10 or higher is required to make use of this routing service.</p>	

Standard Dispatch CAD Interface

Description	Total Price
Base Pricing	
Standard Dispatch CAD Interface	\$5,000
GeoLynx Server CAD Incident Viewing	Included
Standard Dispatch CAD Interface Installation and Configuration	Included
Base Pricing Total:	\$5,000
Annual Pricing	
Standard Dispatch CAD Interface Annual Software Support and Maintenance	\$900
GeoLynx Server CAD Incident Viewing Annual Software Support and Maintenance	Included
Annual Pricing Total:	\$900
Total:	\$5,900
<p>Notes: Fees, if applicable, from your CAD vendor are not included in the above pricing. CAD Vendor, database vendor, or Greenville County's onsite IT staff must either:</p> <ul style="list-style-type: none"> ▪ Make the necessary CAD database accessible to GeoComm by way of Microsoft SQL Server database or view within the CAD database. Or, ▪ Provide GeoComm with an ODBC connection to the CAD database, including drivers, connection details, and credential <p>Installation and configuration is valid if the Standard Dispatch CAD Interface is implemented during the same on-site trip as GeoLynx Server implementation.</p> <p>Currently there is not a functioning CAD interface between GeoLynx Server and Greenville County's CAD vendor. This quote provides Greenville County with access to the GeoLynx Server API the county's CAD vendor may program an interface to. This quote does not include any programming services from GeoComm or the county's CAD vendor.</p>	

GIS Analysis Services

Description	Total Price
Base Pricing	
GIS Map Data, ALI Database, and MSAG Analysis Service	\$1,375
Total:	\$1,375
<p>Notes: GIS Data Analysis pricing is based on receiving GIS data which includes minimum fields and files required to complete a comprehensive analysis. GeoComm does not assume responsibility for correcting preexisting GIS data errors. If a substantial number of errors exist, GeoComm may provide GIS data remediation services, for a fee.</p> <p>GeoLynx Desktop map display enhancement services will be provided at no charge in conjunction with the purchase of GeoLynx Desktop.</p>	

GeoLynx DMS GIS Data Management Tools

Description	Total Price
Base Pricing	
GeoLynx DMS GIS Data Manager licenses (1)	\$6,995
GeoLynx DMS MSAG Manager licenses (1)	\$2,500
GeoLynx DMS Training (On-site Training)	\$4,000
Base Pricing Total:	\$13,495
Annual Pricing	
GeoLynx DMS GIS Data Manager license Annual Software Support and Maintenance	\$1,400
GeoLynx DMS MSAG Manager license Annual Software Support and Maintenance	\$500
Annual Pricing Total:	\$1,900
Total:	\$15,395
<p>Notes: All GeoLynx DMS modules are single use licenses. One license is needed per workstation.</p> <p>GeoLynx DMS is deployed within ArcGIS. ArcGIS for Desktop 10.0 or higher (Basic, Standard, or Advanced) is a required prerequisite for GeoLynx DMS and must be installed on the GeoLynx DMS workstation.</p> <p>GeoLynx DMS users must have, at a minimum, a basic knowledge of Esri and ArcGIS 10.0 or greater.</p> <p>Additional days of training for up to six hours per day can be provided during the same on-site trip for a fee of \$784 per day.</p> <p>Support for GeoLynx DMS, related to any technical concerns, system upgrades, and version releases is covered under a formal software support and maintenance agreement. Concerns or questions specifically related to GIS may be answered by a GeoComm GIS Specialist, but will be billed at a rate of \$95 per hour with a minimum billable charge of one hour.</p>	

Extended Support and Maintenance

Description	Year Two	Year Three	Year Four	Year Five	Total Price
GeoLynx Server Dispatch Mapping (3 licenses)	\$5,100	\$5,100	\$5,100	\$5,100	\$20,400
Standard Dispatch CAD Interface	\$900	\$900	\$900	\$900	\$3,600
GeoLynx DMS GIS Data Manager	\$1,400	\$1,400	\$1,400	\$1,400	\$5,600
GeoLynx DMS MSAG Manager	\$500	\$500	\$500	\$500	\$2,000
Total:					\$31,600
<p>Note: Software support and maintenance pricing is quoted for up to five years. Pricing increases by five percent per year after the second year if the services are not paid in full at contract signing but are paid for over the life of the contract.</p> <p>Additional software support and maintenance following the first year can be purchased at the current list price at the time of future purchase if not purchased as part of the original agreement. The current list price at the time of future purchase may be slightly different than the prices quoted in this proposal.</p>					

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Geolynx Servers

Print Summary

PowerEdge R430

Starting Price \$7,928.00
 Instant Savings \$2,449.86

Subtotal **\$5,478.14**
 As low as \$165.00 /month^

x 2 = \$10,956.28

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- PowerEdge R430

Date 9/21/2015 11:04:30 AM Central Standard Time
 Catalog Number 4 Retail 04
 Evalue Code PE_R430_11598

Catalog Number / Description	Product Code	Qty	SKU	Id
PowerEdge R430: PowerEdge R430 Server, No TPM	R430	1	[210-ADLO] [329-BCBR]	1
Chassis Configuration: 3.5" Chassis with up to 4 Hot Plug Hard Drives and Embedded SATA	4HDHPS	1	[321-BBNJ]	1530
Shipping: PowerEdge R430 Shipping	SHIP	1	[340-AMJF]	1500
Processor: Intel® Xeon® E5-2690 v3 2.6GHz,30M Cache,9.60GT/s QPI,Turbo,HT,12C/24T (135W) Max Mem 2133MHz	13526	1	[338-BFFL]	1550
Additional Processor: No Additional Processor	1P	1	[374-BBBX]	1551
Memory DIMM Type and Speed: 2133MT/s RDIMMs	R2133	1	[370-ABUF]	1561
Memory Configuration Type: Performance Optimized	PEOPT	1	[370-AAIP]	1562
Memory Capacity: 8GB RDIMM, 2133MT/s, Dual Rank, x8 Data Width	8G2R	4	[370-ABUJ]	1560
Operating System: Windows Server® 2012R2,Standard Ed,Factory Inst,No MED,2SKT,2VM,NO CAL	WS2012R	1	[618-BBDS]	1650

OS Media Kits: Windows Server® 2012R2, STD Ed, Media Kit w/Factory Inst ENT DGRD Images	WINENT	1	[634-BBPB]	1652
RAID Configuration: RAID 5 for S130 (3-4 SATA HDDs or SATA SSDs)	R5S130	1	[780-BBPI]	1540
RAID Controller: S130, Software RAID (for Microsoft OS Only)	SWRD	1	[405-AADV]	1541
Hard Drives: 1TB 7.2K RPM SATA 6Gbps 3.5in Hot-plug Hard Drive	1TA35	4	[400-AEEZ]	1570
PCIe Riser: Riser with One x16 PCIe Gen3 FH slot (x8 PCIe lanes) & One x16 PCIe Gen3 LP slot (x8 PCIe lanes)	RSR1FH	1	[330-BBEE]	1510
Additional Network Cards: On-Board Broadcom 5720 Quad Port 1Gb LOM	OBNICQ	1	[542-BBCO]	1514
Power Supply: Dual, Hot-plug, Redundant Power Supply (1+1), 550W	550R	1	[450-AEGZ]	1620
Power Cords: NEMA 5-15P to C13 Wall Plug, 125 Volt, 15 AMP, 10 Feet (3m), Power Cord, North America	125V10	2	[450-AALV]	1621
Power Management BIOS Settings: Power Saving Dell Active Power Controller	DAPC	1	[750-AABF]	1533
Rack Rails: ReadyRails™ Sliding Rails With Cable Management Arm	RRCMA	1	[770-BBBL]	1610
Bezel: Bezel 4/8 Drive Chassis	48BZ	1	[325-BBII]	1532
Internal Optical Drive: DVD+/-RW, SATA, Internal for 4 HD Chassis	DVDR12	1	[429-AAOQ]	1600
System Documentation: Electronic System Documentation and OpenManage DVD Kit for R430	EDOCS	1	[343-BBDT]	1590
Processor Thermal Configuration: 1 CPU Standard	1CPU	1	[370-ABXO] [374-BBIJ]	1697
Embedded Systems Management: iDRAC8, Basic	i8BAS	1	[385-BBIJ]	1520
Shipping Information: US No Canada Ship Charge	USNONE	1	[332-1286]	111
Hardware Support Services: 3 Year Basic Hardware Warranty Repair, 5X10 HW-Only, 5x10 NBD On-site	U3OS	1	[996-8029] [997-2924] [997-2926]	29
Proactive Systems Management: Dell Proactive Systems Management - Declined	NOPSM	1	[909-0259]	30
Installation Services: No Installation	NOINSTL	1	[900-9997]	32
Remote Consulting Service: Declined Remote Consulting Service	NORCS	1	[973-2426]	35



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snFG05