

AGENDA ITEM FOR ADMINISTRATIVE MEETING

() Discussion only
(X) Action

FROM (DEPT/ DIVISION): Dan Lonai, Administrative Services

PROGRAM: GIS / Mapping

SUBJECT: GIS Server

<p>The county’s mapping system requires a high speed server to provide the performance needed to create, update, and view county maps. The current server can no longer handle the load of the county’s mapping needs. The attached system quote is for \$12,279.59 and is off of a government contract. The GIS Department has the funding in the GIS Equipment fund 3030.</p>	<p><u>ACTION REQUESTED:</u></p> <p>Approve the purchase of a new GIS server from Dell in the amount of \$12,279.59.</p>
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ATTACHMENTS: Quote

Date: 12/04/18 Submitted By: (Dan Lonai)

*****For Internal Use Only*****

Checkoffs:

- () Dept. Head (copy)
- () Human Resources (copy)
- () Budget (copy)
- () Fiscal
- () Legal (copy)
- () (Other - List:

To be notified of Meeting:
Tracie Diehl

Needed at Meeting:
)

Scheduled for meeting on: December 19, 2018

Action taken:

Follow-up:

eQuote Summary

Description	Quantity	Unit Price	Subtotal
PowerEdge R740	1	\$12,210.60	\$12,210.60
eQuote Subtotal			\$12,210.60
Shipping*			\$68.99
Shipping Discount*			\$0.00
Tax*			\$0.00
Environmental Disposal Fee*			\$0.00

eQuote Total* \$12,279.59

*The eQuote total, including applicable taxes and additional fees, may be viewable online.

eQuote Details

Description	Quantity	Price
pe_r740_12248 PowerEdge R740	1	\$21,456.00
Premier Discount		\$9,245.40
		<hr/> \$12,210.60

Module	Description	Product Code	Sku	ID
PowerEdge R740	PowerEdge R740 Server	R740	[210-AKXJ]	1
Motherboard	PowerEdge R740/R740XD Motherboard	MB	[329-BDKH]	1536
Trusted Platform Module	No Trusted Platform Module	NTPM	[461-AADZ]	1574
Chassis Configuration	Chassis with up to 8 x 2.5" SAS/SATA Hard Drives for 10PU Configuration	5102089	[321-BCSJ]	1530

Shipping	PowerEdge R740 Shipping	DSHIP	[340-BLKS]	1500
Shipping Material	PowerEdge R740 Shipping Material	5107318	[343-BBFU]	1690
Processor	Intel® Xeon® Gold 6134 3.2G,8C/16T,10.4GT/s, 24.75M Cache,Turbo,HT (130W) DDR4-2666	5101093	[338-BLMF]	1550
Additional Processor	No Additional Processor	1P	[374-BBBX]	1551
Processor Thermal Configuration	1 Standard Heatsink for greater than 125W CPU (no GPU)	5099778	[370-ADPF] [412-AAIR]	1697
Memory DIMM Type and Speed	2666MT/s RDIMMs	5099278	[370-ADNU]	1561
Memory Configuration Type	Performance Optimized	PEOPT	[370-AAIP]	1562
Memory Capacity	(3) 32GB RDIMM, 2666MT/s, Dual Rank	5098890	[370-ADNF]	1560
RAID Configuration	C4, RAID 5 for 3 or more HDDs or SSDs (Matching Type/Speed/Capacity)	5098873	[780-BCDP]	1540
RAID/Internal Storage Controllers	PERC H330 RAID Controller, Minicard	5102587	[405-AANU]	1541
Hard Drives	(3) 1.92TB SSD SAS Read Intensive 12Gbps 512 2.5in Hot-plug AG Drive, 1 DWPD, 3504 TBW	GJM2W96	[400-AXOP]	1570
Operating System	Windows Server® 2016,Standard,16CORE,Factory Inst,No MED,NO CAL	WS2FI	[634-BILL]	1650
OS Media Kits	Windows Server® 2016,Standard,16CORE, Media Kit	WS20S	[634-BILD]	1652
Embedded Systems Management	iDRAC9, Express	5099557	[385-BBKS]	1520
Group Manager	iDRAC Group Manager, Disabled	5100926	[379-BCQY]	1692
Password	iDRAC,Factory Generated Password	5101343	[379-BCSF]	1693
PCIe Riser	Riser Config 1, 4 x8 slots	5101678	[330-BBGZ]	1510
Network Daughter Card	Broadcom 57416 2 Port 10Gb Base-T + 5720 2 Port 1Gb Base-T, rNDC	5100009	[540-BBUK]	1518
Internal Optical Drive	No Internal Optical Drive	NODVD1	[429-ABBJ]	1600
Fans	4 Standard Fans for R740/740XD	5100150	[384-BBQB]	1531
Power Supply	Dual, Hot-plug, Redundant Power Supply (1+1), 495W	495R	[450-ADWQ]	1620
Power Cords	(2) NEMA 5-15P to C13 Wall Plug, 125 Volt, 15 AMP, 10 Feet (3m), Power Cord, North America	125V10	[450-AALV]	1621
Bezel	No Bezel	INBEZEL	[350-BBBW] [350-BBKG]	1532
Quick Sync 2 (At-the-box mgmt)	No Quick Sync	5101166	[350-BBJV]	1695
BIOS and Advanced System Configuration Settings	Performance BIOS Setting	HPBIOS	[384-BBBL]	1533
Advanced System Configurations	UEFI BIOS Boot Mode with GPT Partition	UEFIB	[800-BBDM]	1534
Rack Rails	ReadyRails™ Static Rails for 2/4-post Racks	STATIC	[770-BBBE]	1610
System Documentation	No Systems Documentation, No OpenManage DVD Kit	NODOCS	[631-AACK]	1590

Information				
iDRAC Service Module	iDRAC Service Module (ISM), Pre-Installed in OS	5102435	[379-BCQW]	1691
Hardware Support Services	5 Years Basic Hardware Warranty Repair: 5x10 HW-Only, 5x10 NBD Onsite	NBD5	[813-9119] [813-9121]	29
Deployment Services	No Installation	NOINSTL	[900-9997]	714
Remote Consulting Services	Declined Remote Consulting Service	NORCS	[973-2426]	735

eQuote Subtotal	\$12,210.60
Shipping*	\$68.99
Shipping Discount*	\$0.00
Tax*	\$0.00
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