



## City of Biggs

### Agenda Item Staff Report for the Regular City Council Meeting: June 12, 2018

TO: Honorable Mayor and Members of the City Council  
FROM: City Administrator  
SUBJECT: Authorize purchase of replacement computer server

The current city hall computer server is nearing the end of support by the manufacturer and is otherwise due for replacement. A recent loss of a hard drive highlighted these facts and underscored a fundamental issue with the storage technology chosen at the time the current server was purchased.

The current server utilizes a simple mirroring RAID (Redundant Array of Independent Disks) whereas the next server proposes to utilize a far more advanced technology of RAID 5 hot swappable drives which greatly enhances reliability.

#### **Recommendation**

Authorize the City Administrator to purchase a replacement computer server, hardware, software and services in an amount not exceed \$11,000.

---

Mark Sorensen, City Administrator

Main: 530-342-8999

Email: [mdelzell@stratti.com](mailto:mdelzell@stratti.com)

Web: [www.stratti.com](http://www.stratti.com)

**We have prepared a quote for you**

**New Server Project**

**Quote #002666**

Version 2

**City of Biggs**

Main: 530-342-8999

Email: mdelzell@stratti.com

Web: www.stratti.com

**Prepared For**  
City of Biggs  
Mark Sorensen  
465 "C" Street P.O. Box 307  
Biggs, CA 95917  
mark@biggs-ca.gov  
(530) 868-0100

**Prepared By**  
Michael Delzell  
Phone: 530-342-8999  
Email: mdelzell@stratti.com



Hardware A		Price	Qty	Extended
1020329060153	<b>PowerEdge T440</b>	\$7,216.21	1	\$7,216.21
	PowerEdge T440	PowerEdge T440 Server		
	Motherboard	Motherboard		
	Trusted Platform Module (TPM)	Trusted Platform Module 1.2		
	Chassis Configuration	Chassis with up to 8, 3.5" Hot Plug Hard Drives, Tower Configuration		
	Shipping	PowerEdge T440 Shipping		
	Shipping Material	PowerEdge T440 Shipping Material		
	Processor	Intel® Xeon® Silver 4110 2.1G, 8C/16T, 9.6GT/s, 11M Cache, Turbo, HT (85W) DDR4-2400		
	Additional Processor	No Additional Processor		
	Processor Thermal Configuration	1 CPU standard		
	Memory DIMM Type and Speed	2666MT/s RDIMMs		
	Memory Configuration Type	Performance Optimized		
	Memory Capacity	(2) 16GB RDIMM, 2666MT/s, Dual Rank		
	RAID Configuration	C4, RAID 5 for 3 or more HDDs or SSDs (Matching Type/Speed/Capacity)		
	RAID/Internal Storage Controllers	PERC H730P+ RAID Controller, 2GB NV Cache, Adapter, Full Height		
	Hard Drives	(4) 300GB 15K RPM SAS 12Gbps 512n 2.5in Hot-plug Hard Drive, 3.5in HYB CARR		
	Operating System	Windows Server® 2016,Standard,16CORE,Factory Inst,No MED,NO CAL		
	OS Media Kits	Windows Server® 2016,Standard,16CORE, Media Kit		
	Client Access Licenses	10-pack of Windows® Server 2016,2012 USER CALs (Standard or Datacenter)		
	Embedded Systems Management	iDrac9,Enterprise		
	iDRAC Service Module	iDRAC Server Manager Enabled		
	Group Manager	iDRAC Group Manager, Enabled		
	Password	iDRAC,Factory Generated Password		

Main: 530-342-8999

Email: mdeizeli@stratti.com

Web: www.stratti.com

Hardware A		Price	Qty	Extended
iDRAC Systems Management Options	Static IP			
Additional Network Cards	On-Board Broadcom 5720 Dual Port 1Gb LOM			
Internal Optical Drive	DVD ROM, SATA, Internal			
Power Supply	Dual, Hot-plug, Redundant Power Supply (1+1), 495W			
Power Cords	(2) NEMA 5-15P to C13 Wall Plug, 125 Volt, 15 AMP, 10 Feet (3m), Power Cord, North America			
Bezel	Tower Security Bezel for T440			
BIOS and Advanced System Configuration Settings	Performance BIOS Setting			
Advanced System Configurations	UEFI BIOS Boot Mode with GPT Partition			
Rack Rails	No Rack Rails, No Cable Management Arm, No Casters			
System Documentation	No Systems Documentation, No OpenManage DVD Kit			
Shipping Information	Shipping Included			
Hardware Support Services	3 Years Hardware Warranty Repair: 5x10 HW-Only, 5x10 NBD Onsite			
<b>Hardware A Subtotal</b>				<b>\$7,216.21</b>

Software		Price	Qty	Extended
Vipre Cloud - Monthly	Vipre Cloud - Monthly Virus subscription Vipre Cloud Virus Protection	\$2.50	3	\$7.50
				
<b>Software Subtotal</b>				<b>\$7.50</b>

Services		Price	Qty	Extended
Labor -In House	 <p>Server Preparation</p> <p>Server Preparation/Installation</p> <ul style="list-style-type: none"> <li>* Configure BIOS</li> <li>* Configure RAID</li> <li>* Install OS Windows Server 2016 Standard</li> <li>* Configure IP address, Subnet Mask, Gateway</li> <li>* Configure/create Domain, user accounts, security groups</li> <li>* Transfer of Data from workstations where necessary</li> <li>* Create/configure Drives and Data Shares</li> <li>* Create Active Directory Group Policy</li> <li>* Create folder structure</li> <li>* Configure Security rights on folders as directed by client.</li> </ul> <p>* This is an Estimate - Only hours worked will be billed.</p>	\$1,500.00	1	\$1,500.00
Labor	 <p>Onsite Server Installation and User Configuration</p> <p>Physical Installation of Server Onsite</p> <ul style="list-style-type: none"> <li>* Test computer logon to domain</li> <li>* Install/configure Battery backup</li> <li>* Configure DNS, DHCP Server set up</li> <li>* Install/Configure Anti-Virus</li> <li>* Install/Configure Back up for server</li> <li>* Configure Back up Domain Controller</li> <li>* Migrate User data*User and application setup</li> <li>* Consult with users post project to confirm functionality of business processes.</li> </ul> <p>* This is an Estimate - Only hours worked will be billed.</p>	\$750.00	1	\$750.00
<b>Services Subtotal</b>				<b>\$2,250.00</b>

Main: 530-342-8999

Email: mdelzell@stratti.com

Web: www.stratti.com

Recap		Amount
	Hardware A	\$7,216.21
	Software	\$7.50
	Services	\$2,250.00
	<b>Subtotal</b>	<b>\$9,473.71</b>
	Tax	\$523.18
	<b>Total</b>	<b>\$9,996.89</b>

Taxes, shipping, handling and other fees may apply. We reserve the right to cancel orders arising from pricing or other errors.

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Date