



To: City Council

From: Peter Brixius / Michael Murphy

Date: March 9<sup>th</sup>, 2021

Cc:

Dear Council:

In meetings between the City and Pro Velocity we have defined a need to upgrade our server infrastructure. Currently we have 2 servers. Both units are not rack mounted which causes issues with space and air flow. One server's warranty has expired and is having hardware failure. The other is close to losing warranty and does not have the same hardware. Mismatched hardware causes issue with redundancy and failover success. Both servers also need operating system upgrades. Microsoft will not support server 2008 in the next few years. The SAN used to store the virtual servers for the city is also out of warranty. The current SAN is using old fashion disk drives. Upgrading the SSD drives will improve performance by up to 10 times. The SAN is also only using 1 GB network cards and switch. Upgrading to 10GB cards and a 10GB capable switch will improve performance and reduce data corruption.

The Pro Velocity quote for the hardware components necessary to complete this replacement is \$38,147. The City's budget for the project is \$40,000.

We recommend moving ahead as the upgrades look to be essential for continued stable operation and data security.

Peter Brixius  
Craig City Manager  
(970) 826-2023



## PROPOSAL

Date 1/26/2021

Proposal # 6288

Bill To

City of Craig  
300 w 4th Street  
Craig, CO 81625  
United States

P.O. No.

Terms Net 30

Rep

Rep Phone 970-255-0103

Qty	Description	Rate	Total
2	MEDIUM BUSINESS SERVER RACKMOUNT	11,550.00	23,100.00
2	WINDOWS SERVER 2019 - 16 CORES	987.00	1,974.00
1	16 PORT MANAGED AGGREGATION SWITCH	780.00	780.00
6	2M 10G SFP+ TO SFP+ DIRECT ATTACH CABLE	75.00	450.00
15	WINDOWS SERVER 2019 RDP USER CAL GOV	128.00	1,920.00
30	WINDOES SERVER 2019 USER CAL GOV	39.00	1,170.00
1	12 BAY 24TB SAN 4-1GB PORTS DUAL POWER SUPPLYS	8,503.00	8,503.00
	SHIPPING EXPENSE	250.00	250.00

This proposal is subject to change. Final invoices will reflect actual product or hours and will be invoiced weekly on a progress basis. A 50% deposit is required upon approval. Any returned items are subject to a 30% restocking fee and shipping & handling charges. New customers are required to complete an AutoPay form or Credit Application before work will begin.

**Total \$38,147.00**



(970) 255-0103 - <http://www.provelocity.com>

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Beaverton, OR 97008-7105

