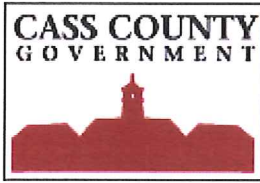


SEP 6 2018

Memo



Cass County  
Information  
Technology

Terry Schmaltz  
IT Director  
701-241-5723  
schmaltzt@casscountynd.gov

Date: Sept 6<sup>th</sup>, 2018  
From: Terry Schmaltz, IT Director  
To: County Commission  
Subj: Server Upgrades

---

Commissioners,

Enclosed is a purchase request for replacement servers.

Under the IT and Document Preservation budgets we planned to upgrade major parts of our server infrastructure in 2018. Earlier this year we purchased and installed about 50% of the planned upgrades and are now in production use.

This request is to order and completed the remainder of the planned and unplanned upgrades. Some of this equipment provides information resources and backup servers for the Records office and other county departments.

**Budgeted Expenses**

Information Technology	\$18,459
Document Preservation	\$18,459

One server will replace equipment for the county phone system. We did not specifically budget to replace this specific server; however, there is a sufficient balance in this fund to meet this requirement.

**Unbudgeted Expense**

Telephone Trust	\$10,270
-----------------	----------

The last server that needs to be replaced is used exclusively to support squad car videos for the Sheriff and States Attorney. The Sheriff had allocated funds from an existing grant with the remainder of the cost provided from the States Attorney asset forfeiture fund.

**Unbudgeted Expense**

Sheriff Computer Equipment (Grant)	\$10,000
States Attorney Asset Forfeiture	\$11,420

This equipment is quoted under State of North Dakota existing purchase agreements.

Box 2806  
211 Ninth Street South  
Fargo, North Dakota 58108

**SUGGESTED MOTIONS:**

Authorize the IT Director to purchase server equipment with Marco Technologies in the amount of \$68,606.01;

Authorize a budget adjustment to the Telephone Trust Fund in the amount of \$10,270 to purchase a server to replace equipment for the county phone system;

Authorize a budget adjustment to the Sheriff's Department budget in the amount of \$10,000 (funds to be paid through an existing grant) and to the State's Attorney Asset Forfeiture Fund in the amount of \$11,420 to purchase a replacement server used to support squad car videos for the Sheriff and State' Attorney.

Terry Schmaltz  
IT Director  
Cass County Government



August 3, 2018

A Proposal for

## CASS COUNTY COURTHOUSE

TERRY SCHMALTZ  
schmaltzt@casscountynd.gov

Prepared By

Tanya Stiefel  
Technology Advisor  
320.259.3001 x7771  
tanya.stiefel@marconet.com

Document Number: 018302

***taking technology further***

MANAGED SERVICES  
CLOUD SERVICES  
BUSINESS IT SERVICES  
COPIERS & PRINTERS



**marconet.com**





# CASS COUNTY COURTHOUSE - Servers

**Prepared by:****Marco - Fargo**Tanya Stiefel  
320.259.3001 x7771  
tanya.stiefel@marconet.com**Prepared for:****CASS COUNTY COURTHOUSE**211 9TH ST S  
FARGO, ND 58108  
TERRY SCHMALTZ  
701.241.5750  
schmaltzt@casscountynynd.gov**Quote Information:****Quote #: 018302**Version: 3  
Date Issued: 08/03/2018  
Expiration Date: 08/23/2018**Server #1**

Description	Price	Qty	Ext. Price
<b>DC Physical &amp; SolarWinds</b>			
FIO CTO DL360 GEN10 8SFF SVR	\$1,242.98	1	\$1,242.98
FIO DL360 GEN10 XEON-G 6130 KIT	\$2,129.06	1	\$2,129.06
32GB 2RX4 PC4-2666V-R SMART KIT	\$631.58	2	\$1,263.16
400GB SAS 12G MU SFF SC DS SSD	\$808.29	4	\$3,233.16
96W SMART STOR BATT 145MM CBL	\$56.44	1	\$56.44
SMART ARRAY P408I-A SR GEN10 CTRL	\$306.16	1	\$306.16
ETH 10GB 2PT 562FLR-SFP + ADPT	\$356.79	1	\$356.79
800W FLEX SLOT PLAT HPLUG LH P/S KIT	\$194.47	2	\$388.94
PWR CORD 110V 10A 1.83M 5-15P C13	\$6.32	2	\$12.64
1U GEN10 SFF EASY INST RAIL KIT	\$63.27	1	\$63.27
ILO ADV INCL 3YR TS U E-LTU	\$299.49	1	\$299.49
FIO CAREPACK ILO ADV NON BLADE SW SUP 5Y	\$53.38	1	\$53.38
FIO CAREPACK DL360 GEN10 5YR SUP	\$3,032.20	1	\$3,032.20

**Subtotal: \$12,437.67**





■ Server #2

Description	Price	Qty	Ext. Price
<b>VMware Host, Firepower &amp; PBX</b>			
FIO CTO DL360 GEN10 8SFF SVR	\$1,242.98	1	\$1,242.98
FIO DL360 GEN10 XEON-G 6130 KIT	\$2,129.06	1	\$2,129.06
32GB 2RX4 PC4-2666V-R SMART KIT	\$631.58	2	\$1,263.16
HPE STOREFABRIC CN1200E 10GB CNA	\$970.24	1	\$970.24
96W SMART STOR BATT 145MM CBL	\$56.44	1	\$56.44
SMART ARRAY P408I-A SR GEN10 CTRL	\$306.16	1	\$306.16
ETH 10GB 2PT 562FLR-SFP + ADPT	\$356.79	1	\$356.79
800W FLEX SLOT PLAT HPLUG LH P/S KIT	\$194.47	2	\$388.94
PWR CORD 110V 10A 1.83M 5-15P C13	\$6.32	2	\$12.64
32GB MICRO SD MAINSTREAM FL MEDIA KIT	\$94.84	1	\$94.84
1U GEN10 SFF EASY INST RAIL KIT	\$63.27	1	\$63.27
ILO ADV INCL 3YR TS U E-LTU	\$299.49	1	\$299.49
FIO CAREPACK ILO ADV NON BLADE SW SUP 5Y	\$53.38	1	\$53.38
FIO CAREPACK DL360 GEN10 5YR SUP	\$3,032.18	1	\$3,032.18

**Subtotal: \$10,269.57**



■ Server #3

Description	Price	Qty	Ext. Price
<b>Backup- DPM</b>			
CTO DL380 GEN10 8SFF SVR	\$1,234.67	1	\$1,234.67
FIO DL380 GEN10 4110 XEON S KIT	\$590.92	1	\$590.92
16GB 2RX8 PC4-2666V-R SMART KIT	\$319.72	2	\$639.44
DL38X GEN10 PREM 2SFF HD KIT	\$139.20	1	\$139.20
DL38X GEN10 PREM 8SFF HD BAY	\$221.56	1	\$221.56
DL380 GEN10 BOX1/2 CAGE BCKPL KIT	\$153.19	1	\$153.19
1.8TB SAS 10K SFF SC 512E DS HD	\$617.16	24	\$14,811.84
240GB SSD SATA MU SFF SC DS	\$251.65	2	\$503.30
DL38X GEN10 12GB SAS EXPANDER	\$431.73	1	\$431.73
96W SMART STOR BATT 145MM CBL	\$56.44	1	\$56.44
SMART ARRAY P408I-A SR GEN10 CTRL	\$306.16	1	\$306.16
FLEXFABRIC 10GB 2P 534FLR-SFP+ ADPT	\$315.55	1	\$315.55
DL38X GEN10 HIGH PERFORMANCE FAN	\$164.36	1	\$164.36
500W FLEX SLOT PLAT HPLUG LH P/S KIT	\$159.13	2	\$318.26
2U CMA FOR EASY INST RAIL KIT	\$37.45	1	\$37.45
2U SFF EASY INST RAIL KIT	\$52.42	1	\$52.42
SMB S/W INSTALLER GEN1 USB MEDIA KIT	\$26.87	1	\$26.87
ILO ADV INCL 3YR TS U E-LTU	\$299.49	1	\$299.49
FIO CAREPACK ILO ADV NON BLADE SW SUP 5Y	\$53.38	1	\$53.38
FIO CAREPACK DL380 GEN10 5YR SUP	\$4,123.33	1	\$4,123.33

**Subtotal: \$24,479.56**



Server #4

Description	Price	Qty	Ext. Price
<b>Jail</b>			
CTO DL380 GEN10 8SFF SVR	\$1,234.67	1	\$1,234.67
FIO DL380 GEN10 5120 XEON-G KIT	\$1,752.81	1	\$1,752.81
16GB 2RX8 PC4-2666V-R SMART KIT	\$319.72	2	\$639.44
DL38X GEN10 PREM 2SFF HD KIT	\$139.20	1	\$139.20
DL38X GEN10 PREM 8SFF HD BAY	\$221.56	1	\$221.56
240GB SSD SATA MU SFF SC DS	\$251.65	2	\$503.30
DL380 GEN10 BOX1/2 CAGE BCKPL KIT	\$153.19	1	\$153.19
1.8TB SAS 10K SFF SC 512E DS HD	\$617.16	12	\$7,405.92
DL38X GEN10 12GB SAS EXPANDER	\$431.73	1	\$431.73
96W SMART STOR BATT 145MM CBL	\$56.44	1	\$56.44
SMART ARRAY P408I-A SR GEN10 CTRL	\$306.16	1	\$306.16
FLEXFABRIC 10GB 2P 534FLR-SFP+ ADPT	\$315.55	1	\$315.55
DL38X GEN10 HIGH PERFORMANCE FAN	\$164.36	1	\$164.36
500W FLEX SLOT PLAT HPLUG LH P/S KIT	\$159.13	2	\$318.26
2U CMA FOR EASY INST RAIL KIT	\$37.45	1	\$37.45
2U SFF EASY INST RAIL KIT	\$52.42	1	\$52.42
SMB S/W INSTALLER GEN1 USB MEDIA KIT	\$26.87	1	\$26.87
ILO ADV INCL 3YR TS U E-LTU	\$299.49	1	\$299.49
FIO CAREPACK ILO ADV NON BLADE 3YR S/W	\$53.38	1	\$53.38
FIO CAREPACK DL380 GEN10 SUP	\$4,123.33	1	\$4,123.33

Subtotal: \$18,235.53

10Gig SPFs for LEC

Description	Price	Qty	Ext. Price
Cisco 10GBASE-LR SFP+ Module for SMF - For Data Networking, Optical Network - 1 x 10GBase-LR - Optical Fiber - 1.25 GB/s 10 Gigabit Ethernet10	\$1,591.84	2	\$3,183.68

Subtotal: \$3,183.68



### Quote Summary - One-Time Expenses

Description	Amount
Server #1	\$12,437.67
Server #2	\$10,269.57
Server #3	\$24,479.56
Server #4	\$18,235.53
10Gig SPFs for LEC	\$3,183.68

**Total: \$68,606.01**

**Payment Terms:**

Payment terms are net 15 days from date of Invoice. For orders over \$25,000, we require a twenty-five percent down at time of order. All Software and Hardware are invoiced at the time of delivery to the customer. Professional Services are due upon completion of the engagement or with progress billing as laid out in the scope of services.

**Warranty:**

Your equipment is covered by it's respective manufacturer warranties. Please consult the warranty documentation that accompanies the product for details. Any charges from the manufacturer are the sole responsibility of the customer (including, but not limited to, shipping, travel and/or labor charges). Marco can provide assistance with the processing of these warranties for a processing fee. Optional contracts or warranty enhancements are available for an additional fee at the time of purchase.

**Returns:**

Upon receipt of merchandise, make sure specifications are correct before opening or marking merchandise. If you need to make a return to Marco, you must: Request to return the UNOPENED merchandise within fifteen (15) days; Product must be returned in the original undamaged/unmarked box; Recognize that special or custom orders are non-returnable; Merchandise can be subject to restock fees and/or denial of return. – For Marco's Complete Return Policy, please refer to: <http://www.marconet.com/support/request-return/return-policy/>

**Tax, Shipping, Errors:**

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

**Marco Technologies, LLC**

**CASS COUNTY COURTHOUSE**

Signature: \_\_\_\_\_  
 Name: \_\_\_\_\_  
 Title: \_\_\_\_\_  
 Date: \_\_\_\_\_

Signature: \_\_\_\_\_  
 Name: TERRY SCHMALTZ  
 Date: \_\_\_\_\_  
 PO Number: \_\_\_\_\_