



**AGENDA ITEM EXECUTIVE SUMMARY**

Agenda Item number: 5.p

Title:

Recommendation to Award Proposal for Environmental Services SCADA Phase #1 Hardware

Presenter:

Tim Wilson

Meeting: Government Services Committee

Date: June 25, 2018

Proposed Cost: \$129,965.27

Budgeted Amount: \$125,000

Not Budgeted:

**Executive Summary** *(if not budgeted please explain):*

The City of St. Charles Environmental Services Division was seeking a Supervisory Control and Data Acquisition (SCADA) IT network equipment provider. City IS Staff and our consulting firm, Concentric Integration LLC, obtained hardware proposals through a RFP in March 2018. The proposals received were from two firms, Tech Data and Ingram.

The existing SCADA system is not integrated to the City wide network, leaving the SCADA network vulnerable to several security risks. Moving forward the water and wastewater SCADA system will be a part of the city wide network. The hardware provided proposal will bring the City water and wastewater systems up to industry security standards.

Both vendors provided equal hardware options. The Public Works Environmental Services Staff determined that both hardware suppliers provided equal proposals.

Pricing for the Phase #1 SCADA hardware and supporting systems were as follows:

Tech Data: \$129,965.27

Ingram : \$142,256.00

This line item was over budget by \$4,965.27, but overall the SCADA Project Phase #1 is under budget by \$12,500. Included in the quote the City will be receiving a five-year equipment warranty.

As part of the SCADA project, Concentric Integration LLC is responsible for a turnkey product. The recommendation will be for Concentric Integration to move forward with the purchase of Phase #1 hardware equipment with a five year warranty from Tech Data. This is the last purchase for Phase #1 of the SCADA project.

**Attachments** *(please list):*

\* Proposal

**Recommendation/Suggested Action** *(briefly explain):*

Recommendation to award Proposal to Concentric Integration for SCADA Phase #1 hardware purchase in the amount of \$129,965.27.

# Q U O T E



## Concentric Integration, LLC

8678 Ridgfield Road  
 Crystal Lake, IL 60012  
 815-788-3600 / 815-455-0450 (fax)  
[purchasing@goconcentric.com](mailto:purchasing@goconcentric.com)

<b>Quote #:</b>	2018Q-STCHS001
<b>Date:</b>	4/1/2018
<b>Expires:</b>	4/1/2018
<b>Prepared by:</b>	Lawrence Kravets
<b>Requested by:</b>	Tim Wilson

### Prepared for:

Company:	City of St. Charles
Contact:	Tim Wilson
Address:	2 E. Main Street St. Charles, IL 60174-1984
Phone:	630-377-4405
Email:	<a href="mailto:twilson@stcharlesil.gov">twilson@stcharlesil.gov</a>

### Ship to:

Company:	City of St. Charles
Contact:	Tim Wilson
Address:	2 E. Main Street St. Charles, IL 60174-1984
Phone:	630-377-4405
Email:	<a href="mailto:twilson@stcharlesil.gov">twilson@stcharlesil.gov</a>

### Notes:

No labor is included with this quote.
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Terms: Net 30 days

FOB: Origin; Freight Prepaid & Add

Qty	Item #	Description	Coverage Period	Price Each	Total
6	Z440	HP Z440 Workstation	NA	\$2,821.88	\$16,931.28
2	WS-C2960X-24TD-L	Cisco Catalyst 2960X-24TD-L Switch	NA	\$1,841.29	\$3,682.58
2	CON-SNTP-WSC24TDL	CCW US ONLY 24X7 4HR SMARTNET	1 year	\$309.62	\$619.24
2	SFP-10G-LR=	Cisco SFP-10G-LR-X module	NA	\$2,439.06	\$4,878.12
2	ASA5516-FPWR-K9	Cisco ASA 5516-X with FirePOWER Services	NA	\$3,411.43	\$6,822.86
2	L-ASA5516-TAMC-3Y	Cisco Systems ASA5516 FirePOWER IPS Amp and URL 3Y Subscription	3 Years	\$4,729.26	\$9,458.52
2	CON-3SNTP-ASA556F9	Cisco SMARTnet extended service agreement - 3 years	3 Years	\$2,860.62	\$5,721.24
2	875760-S01	DL380 GEN10 4110 1P 16G 8SFF SVR/SB	3 Years	\$2,234.25	\$4,468.50
2	826846-B21	DL380 GEN10 4110 XEON-S KIT PL=SY	3 Years	\$636.30	\$1,272.60
14	835955-B21	16GB 2RX8 PC4-2666V-R SMART KIT PL=SI	3 Years	\$441.00	\$6,174.00
4	870757-B21	600GB SAS 15K SFF SC DS HDD PL=SI	3 Years	\$755.30	\$3,021.20

Qty	Item #	Description	Coverage Period	Price Each	Total
8	870765-B21	900GB SAS 15K SFF SC 512E DS HDD PL=SI	3 Years	\$846.30	\$6,770.40
4	647594-B21	1GBE 4PORT 331T ADAPTER . PL=SI	3 Years	\$251.30	\$1,005.20
2	512485-B21	ILO ADV 1-SVR INCL 1YR TS&U SW PL=4U	3 Years	\$279.30	\$558.60
2	885408-B21	500W FS PLAT HT PLG LH PWR SPLY KIT PL=SI	3 Years	\$216.30	\$432.60
2	H8QP7E	3YR 24X7 FOUNDATION CARE DL380 GEN10 SVC NO DEAL REG PRICING PL=96	3 Years	\$1,517.76	\$3,035.52
1	P9K07A	42U 600X1075MM ADV G2 KIT PLLT RACK PL=SH	NA	\$825.30	\$825.30
14	168233-B21	CABLE MANAGEMENT D RINGS INCL 10 RINGS SCREWS CLIPS PL=SH	NA	\$20.30	\$284.20
1	AF630A	LCD 8500 1U CONSOLE US KIT PL=SH	NA	\$909.30	\$909.30
1	AF651A	0X1X8 G3 KVM CONSOLE SWITCH PL=SH	NA	\$594.30	\$594.30
1	AF628A	KVM USB ADAPTER PL=SH	NA	\$69.30	\$69.30
8	263474-B22	8PK 6FT CAT5 PATCH CABLES PL=SH	NA	\$30.80	\$246.40
2	AP8830	Rack PDU 2G, Metered, Zero, 20A, 100-120V, (24) 5-20R	NA	\$397.58	\$795.16
1	P-VBRPLS-HS-P000000	Veeam Backup & Replication Enterprise for Hyper-V	NA	\$1,823.00	\$1,823.00
1	V-VBRPLS-HS-P024Y-00	Veeam 24/7 Uplift - tech supprt - 1YR - for Veeam Backup & Replication	1 Year	\$104.00	\$104.00
1	DCE-WIN	SIOS Technology Corp. Datakeeper Cluster Edition	NA	\$2,769.00	\$2,769.00
1	DCE-WIN-S1	SIOS Technology Corp. DataKeeper Cluster Edition Support 1 year	1 year	\$115.00	\$115.00
4	E805	NEC MultiSync E805 E Series - 80" LED display	NA	\$3,992.08	\$15,968.32
2	E656	NEC MultiSync E656 E Series - 65" LED display	NA	\$1,673.02	\$3,346.04
6	VA2446m-LED	ViewSonic VA2446m-LED - 24" LED Monitor	NA	\$116.49	\$698.94
13	IR809-LTE-VZ-K9	CISCO IR809 Ruggedized Secure MM 4G LTE M2M ISR 101 Verizon		\$1,191.82	\$15,493.66
13	CON-SNTP-IR809GLV	CCW US ONLY 24X7 4HR SMARTNET		\$201.19	\$2,615.47
13	IR809-DINRAIL=	Cisco DIN Rail Kit for IR809		\$47.66	\$619.58
13	ANT-4G-SR-OUT-TNC=	ANT-4G-SR-OUT-TNC=		\$126.68	\$1,646.84
1	Support / Coordination	Support / Coordination		\$6,189.00	\$6,189.00

