



City of Grand Island

Tuesday, November 20, 2018

Council Session

Item G-17

#2018-353 - Approving Purchase of New 911 Radio Consoles

Staff Contact: Jon Rosenlund

Council Agenda Memo

From: Jon Rosenlund, Director of Emergency Management

Meeting: November 20, 2018

Subject: Radio Consoles for New Facility

Presenter(s): Jon Rosenlund

Background

The 911 Center utilizes a Zetron Radio Console to communicate with local emergency agencies. As the completion of the new 911 Center approaches, the Department plans to install 5 new dispatcher workstations and will need radio consoles at each workstation, as well as backroom equipment for controlling those consoles. Equipment and software for this project is quoted at \$307,936.30 by Platte Valley Communications, the local and sole-source Zetron provider. Payment for this equipment will be made through fund balances of the 215 Landline E911 Fund.

Discussion

The Emergency Management Department has 4 Zetron radio consoles operating in the 911 Center and one Zetron console in the Emergency Operations Center. These consoles provide dispatchers access to use the various county radio frequencies to communicate with all the local emergency management agencies. We also use the consoles to activate sirens and perform various other communications functions.

With the construction of a new 911 Facility at 1210 N. North Road in Grand Island, the Department plans to install 5 dispatcher workstations, each will need radio consoles. In order to maintain continuity of systems and decrease any drop in service, as well as maintain lower operating and maintenance costs, the Department is recommending that the same equipment be installed for telephone, radio, mapping and other critical systems between the Main and Alternate 911 centers. As such, the Department recommends installing 5 new Zetron radio consoles at these new workstations.

Platte Valley Communications, the authorized sole-source Zetron provider in our area, has provided a quote for \$307,936.30 to install 5 Zetron Radio consoles, all necessary backroom controller equipment and related software. Payment for this equipment comes from the Landline E911 Fund Balance.

Alternatives

It appears that the Council has the following alternatives concerning the issue at hand. The Council may:

1. Move to approve
2. Refer the issue to a Committee
3. Postpone the issue to future date
4. Take no action on the issue

Recommendation

City Administration recommends that the Council approve the purchase of the Zetron Radio Console Installation for \$307,936.30 to Platte Valley Communications.

Sample Motion

Move to approve the purchase of the Zetron Radio Console Installation for \$307,936.30 to Platte Valley Communications.

October 18, 2018

Grand Island – Hall County
Emergency Management Communications
Attn: Mindy Osterman
Emergency Management Coordinator

Mindy:

The purpose of this letter is to verify that Platte Valley Communications, Inc of Grand Island, Ne. is the sole provider of equipment and technical expertise required to upgrade the existing E911 Communications Console Equipment. A Communications System that's essential for Fire & EMS, Volunteer Fire & Quick Response Teams (QRT's), Public Safety and the health and welfare of the residents in Grand Island and Hall County, Ne.

This equipment upgrade will be included in our existing "Emergency Response Service Contract" that provides technician availability 24/7. Response time is within 30 minutes after notification.

Regards,



Howard Nispel
Owner- Platte Valley Communications, Inc.
Grand Island, Ne. 68803

Remit To Address:
 PLATTE VALLEY COMMUNICATIONS, INC
 PO BOX 505
 KEARNEY, NE 68848-0505



Order

Number: 041800465

Date: 11/14/2018

1

Bill To:

COMMUNICATIONS-CIVIL DEFENSE*
 PO BOX 1968
 GRAND ISLAND, NE 68802

Ship To:

COMMUNICATIONS-CIVIL DEFEN
 PO BOX 1968
 GRAND ISLAND, NE 68802

Customer #	Salesperson	Customer PO #	Billing Phone	Contact	Frequency/Acct
COMCIV	EDWARD E MEEDEL	QUOTE 11/14/18	308-381-5360	LARRY SMITH	

Ordered	Shipped	Item #	Description	Unit Price	Amount
1.00	0.00	SERVICE	SERVICE REQUEST	\$0.00 each	\$0.00
			QUOTE FOR FIVE (5) INTEGRATOR RD/M4217 AUDIO PANEL W/ EXTENDED PAGING WORKSTATIONS WITH OPERATOR ACCESSORIES AND LCD MONITORS. THERE IS A M4048 CCE W/ CARD EXPANSION CAGE. THE M4048 CCE IS BUNDLED WITH FORTY-EIGHT (48) CONVENTIONAL, RADIO CHANNELS, TWO (2) AUX I/O AND ONE (1) PATCH INTERFACE CARDS. THE SYSTEM IS AT MAXIMUM RADIO CHANNEL CAPACITY. THERE ARE FOUR (4) SLOTS REMAINING FOR AUX I/O INTERFACE CARDS. ITEMS LISTED AS OPTIONAL ARE NOT INCLUDED IN THE TOTAL PRICE.		
1.00	0.00	NON STOCK ITEM	4 POSITION BUNDLED 4048 RD/M4217	\$129,907 each	\$129,907.2
			905-0310 14 CHANNELS		
			POSITIONS: (4) INTEGRATOR RD CLIENTS/M4217S AND PC WORKSTATIONS COMMON CONTROL EQUIPMENT:		
			(2) M4048 PSUs (1) M4048 CONSOLE CARD CAGE (1) M4048 CHANNEL CARD CAGE CARDS (2) SYSTEM TRAFFIC CARDS (4) CONSOLE INTERFACE CARDS (7) DUAL CHANNEL TONE/LOCAL T/R CONTROL CARDS		
1.00	0.00	NON STOCK ITEM	INTEGRATORRD/M4217	\$25,726 each	\$25,726.95
			905-0178 RADIO DISPATCH WORKSTATION		
			PC WORKSTATION W/ INTEGRATOR RD CLIENT & PROGRAMMING SOFTWARE INCLUDES THE MODEL 4217 AUDIO PANEL W/ BUILT-IN SPEAKERS AND POWER SUPPLY.		
			MONITOR AND ACCESSORIES SOLD SEPARATELY.		
5.00	0.00	NON STOCK ITEM	INTEGRATOR IRR PACKAGE	\$411.40 each	\$2,057.00
			905-0247 (LICENSE REQUIRED. SEE 930-0048 BELOW.)		
			INCLUDES INTEGRATORIRR CDROM AND RADIO/TELEPHONE INTERFACE. SPEAKERS NOT INCLUDED.		

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COMCIV	EDWARD E MEEDEL	QUOTE 11/14/18	308-381-5360	LARRY SMITH	

Ordered	Shipped	Item #	Description	Unit Price	Amount
5.00	0.00	NON STOCK ITEM	INTEGRATOR IRR INTERFACE	\$280.50 each	\$1,402.50
		950-0396	(PROVIDES RADIO/TELEVISION ISOLATION)		
			REQUIRED FOR RECORDING RADIO/TELEVISION AUDIO.		
5.00	0.00	NON STOCK ITEM	GAME PORT TO USB ADAPTOR	\$70.55 each	\$352.75
		950-0833	FOR CONTACT CLOSURE		
5.00	0.00	NON STOCK ITEM	DESKTOP PC SPEAKERS	\$32.00 each	\$160.00
		802-5006	IRR MULTI-MEDIA		
5.00	0.00	NON STOCK ITEM	INTEGRATORRD	\$881.45 each	\$4,407.25
		930-0026	EXTENDED PAGING PACKAGE		
			ADDS CUSTOM CALLS (PLECTRON), QUICK CALL I (2+2), ROTARY DIAL 1500/2805Hz, KNOX DTMF, 5/6 TONE SEQUENTIAL PAGING FORMATS, AND MDC-1200 EMERGENCY ALERT/ACKNOWLEDGE.		
5.00	0.00	NON STOCK ITEM	INTEGRATORRD MDC-1200	\$1,781.6 each	\$8,908.00
		930-0051	FULL FEATURE ADDS RADIO CHECK, CALL ALERT, SELECTIVE CALL, REMOTE MONITOR ENABLE/DISABLE, RADIO "STUN/KILL" ENABLE/DISABLE AND MDC -1200 EMERGENCY ALERT/ACKNOWLEDGE CONTROLS TO INTEGRATOR RD.		
5.00	0.00	NON STOCK ITEM	GOOSENECK MICROPHONE	\$614.55 each	\$3,072.75
		950-9459	(FOR M4118, 42178B)		
5.00	0.00	NON STOCK ITEM	FOOTSWITCH	\$103.70 each	\$518.50
		950-9102	SINGLE W/ 10' CABLE		
5.00	0.00	NON STOCK ITEM	TELEPHONE/RADIO HEADSET	\$992.80 each	\$4,964.00
		950-9439	INTERFACE (TRHI) (FOR ALL MODELS)		
1.00	0.00	NON STOCK ITEM	M4048 EXPANSION BUNDLE	\$8,065.6 each	\$8,065.65
		905-0155			
		(1) M4048	CHANNEL CARD CAGE		
		(1) M4048	CHANNEL CARD CAGE EXPANSION KIT		

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Ordered	Shipped	Item #	Description	Unit Price	Amount
17.00	0.00	NON STOCK ITEM	RADIO CHANNEL CARDS & MODULE	\$3,694.9 each	\$62,814.15
			950-9820 DUAL CHANNEL TONE LOCAL T/R CONTROL CARD DTMF, 5/6 TONE, GE-STAR AND MDC-1200 ANI DECODE IS INCLUDED. NOW INCLUDES 950-9951 MEMORY OPTION WHICH PROVIDES UP TO 4 SECONDS TX VOICE DELAY AND MDC/GE-STAR SQUELCH.		
1.00	0.00	NON STOCK ITEM	MODEL 4020-4048 8 PATCH CARD	\$2,401.2 each	\$2,401.25
			905-0229		
2.00	0.00	NON STOCK ITEM	AUX INPUT/OUTPUT INT CARD	\$1,568.2 each	\$3,136.50
			950-0293 PROVIDES 12 RELAY CONTROLLED OUTPUTS, 8 OPTO-ISOLATED INPUTS, AND 32 NON-ISOLATED INPUTS. INCLUDES INPUT DECODING FOR IRIG B SIGNAL AS WELL AS A POWER LINE BASED 60 Hz TIME KEEPING CIRCUIT. REQUIRES 1 CHANNEL CARD SLOT FOR INSTALLATION. MAXIMUM OF 6 AUX I/O CARDS PER SYSTEM.		
11.00	0.00	NON STOCK ITEM	EMPTY CONSOLE CARD SLOT COVER	\$85.00 each	\$935.00
			950-0412 (4020/4048)		
4.00	0.00	NON STOCK ITEM	EMPTY CHANNEL CARD SLOT COVER	\$85.00 each	\$340.00
			950-0413 (4020/4048)		
19.00	0.00	NON STOCK ITEM	CHANNEL CHECK	\$984.30 each	\$18,701.70
			930-0052 INSTANT RECALL RECORDER FIRMWARE OPTION FOR USE WITH INTEGRATOR IRR, 905-0247. ORDER ONE PER DUAL CHANNEL CARD. THIS OPTION REQUIRES P/N 950-9951, S4000 DUAL CHANNEL MEMORY OPTION.		
18.00	0.00	NON STOCK ITEM	25 PAIR CABLES	\$79.90 each	\$1,438.20
			709-0004 RJ-21, M-F, 10FT (BASELINE PRODUCT)		
18.00	0.00	NON STOCK ITEM	CONNECTORIZED PUNCH DOWN BLOCK	\$88.00 each	\$1,584.00
			950-9351		
5.00	0.00	NON STOCK ITEM	23" WIDESCREEN LCD MONITOR	\$270.00 each	\$1,350.00
			802-2311		

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COMCIV	EDWARD E MEEDEL	QUOTE 11/14/18	308-381-5360	LARRY SMITH	

Ordered	Shipped	Item #	Description	Unit Price	Amount
5.00	0.00	NON STOCK ITEM	HEADSET, 6-WIRE W/PTT	\$330.00 each	\$1,650.00
		950-0032 NOISE CANCELLING DUAL-PRONG ADAPTOR WHICH INCLUDES ONE HEADSET TOP			
10.00	0.00	NON STOCK ITEM	HEADSET TOP, NOISE CANCELLING	\$111.00 each	\$1,110.00
		802-0115			
1.00	0.00	NON STOCK ITEM	DUAL CH TONE LOCAL T/R CONTROL CARD	\$3,694.9 each	\$3,694.95
		950-9820			
1.00	0.00	NON STOCK ITEM	S4000 DUAL CH MEMORY OPTION	\$238.00 each	\$238.00
		950-9951			
1.00	0.00	TECH MIKE H	TECH TIME	\$15,000. hrs	\$15,000.00
		LABOR QUOTED ASSUMES EQUIPMENT WILL BE INSTALLED IN NEW WATSON CABINETRY AT THE NEW E911 CENTER. INSTALLATION COSTS WILL BE ADJUSTED IF THIS IS NOT THE CASE.			
1.00	0.00	NOTE	NOTE	\$0.00	\$0.00
		QUOTE DOES NOT INCLUDE EXTENDED LIMITED WARRANTY FOR COVERAGE THROUGH YEAR 5. AS AN ADDITIONAL OPTION THE COST IS \$44,401.98.			
		THERE IS NOT A NEW NET CLOCK INCLUDED WITH THIS QUOTE. HOWEVER UPON REQUEST ONE WILL BE PROVIDED AT ADDITIONAL COST.			
1.00	0.00	SHOP SUPPLIES	MISC HARDWARE & EQUIPMENT	\$1,500.0 each	\$1,500.00

G-TQ SERIES 4000 COMM CONTROL SYSTEMS
 GI

Locations at: 3820 W. Arch Ave., Grand Island 308-382-6212
 2215 Ave. I, Kearney 308-237-9512
 211 E. 6th St., Lexington 308-324-6556
 218 E. 4th, York 402-362-6818

Subtotal	\$305,436.30
Freight	\$2,500.00
Miscellaneous	\$0.00
Grand Island Nebr. Sales Tax Amount	\$0.00
Discount	\$0.00
Total	\$307,936.30
Amount Received	\$0.00
This is an order. Please pay from invoice.	
Net Due	\$307,936.30

RESOLUTION 2018-353

WHEREAS, the Grand Island Emergency Center operates Zetron Radio Consoles to dispatch and communicate with local emergency response agencies as well as activate outdoor warning sirens and perform other emergency tasks; and

WHEREAS, the Emergency Management Department is preparing to equip a new 911 Center at 1210 N. North Road with 5 new emergency 911 workstations, each requiring a radio console; and

WHEREAS, maintaining the same equipment for the Main and Alternate 911 Centers will reduce cost, provide better redundancy, and ensure adequate proficiency of personnel; and

WHEREAS, Platte Valley Communications, the sole-source provider of Zetron Radio Consoles, has provided a proposal to install all necessary equipment, software and hardware for 5 dispatcher consoles for a total of \$307,936.30.

NOW, THEREFORE, BE IT RESOLVED BY THE MAYOR AND COUNCIL OF THE CITY OF GRAND ISLAND, NEBRASKA, to approve the purchase of the Zetron Radio Console Equipment through Platte Valley Communications for a total of \$68,000.

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Adopted by the City Council of the City of Grand Island, Nebraska, 20, 2018.

Jeremy L. Jensen, Mayor

Attest:

Aaron Schmid, City Clerk Pro Tem

Approved as to Form	by _____
November 16, 2018	City Attorney