



# City of Grand Island

Tuesday, November 13, 2007

Council Session

## Item G12

**#2007-279 - Approving Contract for Council Chamber  
Audio/Video/Voting System Equipment Upgrade with AVI**

Staff Contact: Wendy Meyer-Jerke

# Council Agenda Memo

**From:** Jeremy Watson, Audio/Video Technician  
Wendy Meyer-Jerke, Public Information Officer

**Meeting:** November 13, 2007

**Subject:** Award Bid for Council Chamber Audio/Video/Voting System Upgrade

**Item #'s:** G-12

**Presenter(s):** Jeff Pederson, City Administrator

## Background

Grand Island Television, also referred to as GITV, has been operational since 1993. GITV is classified as a PEG (Public Educational Governmental) station. For those citizens who have Charter Cable, regular programming can be viewed on Channel 6 and the community bulletin board is available on Info Channel 12. GITV can also be seen on UHF Channel 56 for those who attain their local channels over the air. GITV broadcasts a number of informative segments to its viewers, including every Grand Island City Council Meeting, Citizen Review Committee Meeting, and other City of Grand Island related segments. GITV continues to move forward with the vision of top-notch educational and informative segments, quality LIVE broadcasts, community event and non-profit promotion, as well as the dissemination of emergency information to Hall County citizens.

For the last fourteen years, the Council Chambers has operated under its original audio/video/voting system. During which time, no major modifications were made. Several small changes have been implemented with little attention to the overall system stability in mind. There is no documentation to the number of changes made to the system, more importantly, where those changes and instabilities exist. This creates a very volatile situation adding to increased instability in the overall performance of the system.

## Discussion

Over the last six months system stability has been in a constant state of turmoil. The current camera system cannot consistently attain a matching color temperature or engage in finding and maintaining a good white balance. All four camera units are also suffering

from varying degrees of pixel burn. The result is poor image quality, especially when broadcasting long/wide camera shots.

The current sound system has been worked on and rebuilt (with no documented changes) numerous times through the years. Over time, these changes have affected not only the way members of the audience are able to hear the meetings, but also Council Members and GITV viewers as well. Microphones are over-modulated, broadcast levels are either too low or too high, and Council Chamber speakers are unable to provide a quality output level for audience participation. The current voting system is also tied in with the audio system which complicates the situation even more and compromises system stability.

Outside of the original system schematic, there has been no CAD (computer aided drawing) engineered. This upgrade will not only include a computer aided drawing, but will give key personnel easy and accurate information in regard to Council Chamber infrastructure, design, and maintenance.

Grand Island Television has researched this project since January. During which time, Audiovisual, Inc. (AVI) employees have taken numerous site surveys to attain a complete understanding of the needs of the City of Grand Island and assess potential problems. In addition, GITV audio video technician and other city staff have visited two separate sites, Columbus Nebraska Public Power District and Sioux City, Iowa. Both of these locations operate systems almost identical to the proposed project with minor differences existing of a customary nature. Both sites expressed a very positive experience in system operational success and working with AVI Systems.

Upon feedback and request, there will be an additional high resolution digital recorder engineered and implemented within Council Chambers. This device will be used for all non-broadcast meetings to attain a digital transcript of said meetings which will then be electronically archived within the city's network.

AVI is a reputable company that GITV has worked closely with during two recent upgrades the last few years. GITV is confident in the skills and knowledge of AVI to complete this project in a professional, functional, and timely manner. AVI has always been responsive to the needs of GITV and the same is expected with this project.

The specifications for the Council Chamber Upgrade Project: technical representation and engineering were issued for proposal and a response was received from the following bidder:

<u>Bidder</u>	<u>Bid Price</u>
AVI (Audiovisual Inc.) Systems, Omaha, NE	\$107,948.00

Department Staff reviewed the proposal for compliance with the City's specifications. The proposal of AVI Systems is compliant with those specifications.

If this upgrade project is approved and implemented the following objectives will be met:

1. This project will allow GITV staff to spend more time creating quality segments to put on air, rather than troubleshooting consistent technical difficulties in the Council Chambers. In addition, the overall system performance will create a level of stability that will allow for easy future maintenance.
2. This project will allow broadcasts from City Council Chambers to be at a level of audio and visual clarity that GITV has not had the capabilities of providing in the past.
3. This technological upgrade will give viewers a more dynamic and interactive experience of live local government meetings right from their home because of the modernized and easy to understand voting system that will be installed.
4. This upgrade will give GITV the opportunity and flexibility to air more “live” segments from City Council Chambers because the technology needed to air quality segments will be in place. Furthermore, the Council Chambers upgrade will give GITV the technological capability to attain digital audio transcripts of all non-broadcast meetings and hearings to be electronically archived.
5. This project will elevate broadcast quality levels which will allow GITV to be more competitive within mainstream media and has the potential of increasing viewership.

### **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 proposal received from Audiovisual, Inc. for engineering and equipment costs for Council Chamber’s upgrade be accepted and expenditure of funds authorized by resolution.

### **Sample Motion**

Move to approve contract with Audiovisual, Inc. of Omaha, NE in the amount of \$107,948.00 for Audio/Video/Voting System Upgrade.



Dale M. Shotkoski, Assistant City Attorney

*Working Together for a  
Better Tomorrow, Today*

**REQUEST FOR PROPOSAL  
FOR  
COUNCIL CHAMBER AUDIO/VIDEO/VOTING SYSTEM EQUIPMENT UPGRADE**

**RFP DUE DATE:** October 15, 2007 at 4:00 p.m.  
**DEPARTMENT:** GITV  
**PUBLICATION DATE:** September 27, 2007  
**NO. POTENTIAL BIDDERS:** 3

**SUMMARY OF PROPOSALS RECEIVED**

**AVI Systems**  
**Omaha, NE**

cc: Jeff Pederson, Administrator  
Jeremy Watson, Audio/Visual Technician  
Wes Nesper, Assist. City Attorney

Wendy Meyer-Jerke, PIO  
Dale Shotkoski, City Attorney  
Sherry Peters, Legal Secretary

**P1194**



AVI Systems, 5055 South 111th Street Omaha, NE 68137

**Systems Implementation Agreement (SIA)**

Quote Number 111-07-008743.B

Bill To:	Ship To:	Project Location(s):	Office Information:
City of Grand Island	AVI Systems	City of Grand Island	Job #
100 East 1st Street	5055 South 111th Street	100 East 1st Street	Sales Order No. #
Grand Island, NE 68801	Omaha, NE 68137	Grand Island, NE 68801	Sales Rep: Guy Sauer
			Install Mgn:
			Terms Accepted By:
			Engineering Accepted By:
Customer #	Attn: Shane Gunderson	Attn: Jeremy Watson	Equip Order Date:
Date: 11/7/2007	Phone: (402) 593-6500	Phone: (308) 385-5444x310	Est. On-site Date:
Customer PO:	Fax: (402) 593-8500	Fax:	Est. Completion Date:

**Notes:** Council Chamber - Voting System Upgrade & Camera Replacement

1.0 **Scope of Work/Responsibilities** – AVI Systems will provide City of Grand Island a complete description of the scope work in Attachment “A” of this Document.

2.0 **Project Cost Summary**

2.1 Equipment (Attachment “B”)	\$61,969.00
2.2 Implementation (Attachment “C”)	\$45,979.00
2.3 Service Maintenance Agreement (Attachment “D”)	DECLINED
2.4 Other Costs (Attachment “E”)	
2.5 Freight (If \$0.00 see section 3.0 below.)	
2.6 Tax (If \$0.00 see section 3.0 below.)	
<b>2.7 Agreement Total</b>	<b>\$107,948.00</b>

3.0 **Sales, Use Tax and Delivery Charges** – AVI Systems will add any applicable taxes, permits, licenses, and delivery charges to the amount of each invoice. If non-taxable, please indicate in note section above.

4.0 **Invoicing for Equipment/Services** – AVI Systems will submit progress invoices for the value of equipment received, and materials and labor expended on this project on a monthly basis. Invoices will be submitted to the party designated by the Customer and will include a detail of equipment received at the AVI Systems integration facility and dedicated to this project, and costs of the materials, labor and other items expended since any previous billing.

Each progress billing will be due net 30 days from invoice.

5.0 **Remit To Address** – All payments should be mailed to:  
 Audiovisual, Inc dba AVI Systems  
 NW 8393 PO BOX 1450  
 Minneapolis, MN 55485-8393.

**6.0 Key Project Personnel**

Sales Engineer: Guy Sauer  
Design / Managing Engineer: Lane Bakke  
Installation Project Manager:

**7.0 Changes In The Scope of Work** – Costs resulting from material changes in the scope of this project by the Customer, additional requirements or restrictions placed on AVI Systems by the Customer or its representatives will be added to or subtracted from the contract depending upon the changes being made. When AVI Systems becomes aware of the nature and impact of the change, a Contract Change Order will be submitted for review and approval by the Owner before work continues. Contract Change Order costs calculations will be commensurate with the materials and labor rates provided within the base contract.

**8.0 Insurance** – AVI Systems shall maintain commercial general liability insurance, including contractual liability, at limits of not less than \$1,000,000 per occurrence, automobile liability insurance, at limits of not less than \$1,000,000 per occurrence, errors and omissions insurance at limit of \$1,000,000, and worker's compensation and employer's liability insurance covering all employees engaged in the performance of this order for claims arising under any applicable worker's compensation and occupational disease acts.

**9.0 Compliance With Law** – AVI Systems agrees and warrants that AVI Systems shall comply with all requirements of applicable laws, regulations and standards including but not limited to the provisions of (a) Executive Order 11246, as amended, of the President of the United States and the Rules and Regulations pursuant thereto pertaining to Equal Employment Opportunity; (b) the Fair Labor Standards Act of 1938 of the United States, as amended, with respect to Wages and Hours; (c) the Occupational Safety and Health Act of 1970 (OSHA), as amended; (d) the Immigration Reform and Control Act of 1986 (IRCA).

**10.0 Ownership and Use of Documents and Electronic Data** – Drawings, specifications, other documents, and electronic data furnished by AVI Systems for the associated project under this Agreement are instruments of the services provided. AVI Systems shall retain all common law, statutory and other reserved rights, including any copyright in these instruments. These instruments of service are furnished for use solely with respect to the associated project under this Agreement. The Customer shall be permitted to retain copies of any drawings, specifications, other documents, and electronic data furnished by AVI Systems for information and reference in connection with the associated project.

**11.0 Proprietary Protection of Programs** – This Agreement does not cause any transfer of title, or intellectual rights, in Control Systems Programs, or any materials produced in connection therewith, including Source Codes. The Programs are provided, and are authorized for installation, execution, and use only in machine-readable object code form. This Agreement is expressly limited to the use of the Control Systems Programs by the Customer for the equipment in connection with the associated project. Customer agrees that it will not seek to reverse-engineer any Program to obtain Source Codes, and that it will not disclose the Programs to any third party, without the consent of AVI Systems. The Control Systems Programs, and Source Codes, together with AVI Systems' know-how and installation and configuration techniques, furnished hereunder are proprietary to AVI Systems, and were developed at private expense. If Customer is a branch of the United States government, for purposes of this Agreement any software furnished by AVI Systems hereunder shall be deemed "restricted computer software", and any data, including installation and systems configuration information, shall be deemed "limited rights data", as those terms are defined in FAR 52.227-14 of the Code of Federal regulations.

**12.0 General Business Terms** – The Customer agrees to purchase and AVI Systems by its acceptance of this Agreement agrees to sell, in accordance with the following terms and conditions, the equipment listed (the "Equipment"). Under such terms and conditions, AVI Systems will a) sell Equipment to the Customer and b) provide warranty service for Equipment. The customer agrees to accept the Equipment and warranty service under the terms and conditions of this Agreement. The Customer further agrees with respect to the Equipment to accept the responsibility for c) its selection to achieve the Customer's intended results, d) its use, and e) the results obtained therefrom.

**12.1 Price and Payment** – This Agreement must be signed by the Customer and accepted by AVI Systems on or before the processing of this agreement. Payment in full for all items on this agreement shall be due in accordance with Section 4.0 above. The prices shown are F.O.B. manufacturer's plant. The Customer in accordance with AVI Systems then current shipping and billing practices will pay all destination charges for each piece of Equipment from a designated AVI Systems location and any installation charges. In addition to the prices on this agreement, the Customer agrees to

pay amounts equal to any sales or use or personal property taxes resulting from this Agreement or any activities hereunder.

**12.2 Title** – Title to the Equipment passes to the Customer as of the date of delivery to the job site.

**12.3 N/A**

**12.4 Risk of Loss or Damage** – After the date of delivery of Equipment to the job site, all risks of loss or damage shall be on the Customer.

**12.5 Shipment** – AVI Systems agrees to schedule Equipment for shipment in accordance with (AVI Systems) applicable shipment sequence.

**12.6 Receiving/Installation** – The Customer agrees to provide a suitable installation environment and to furnish all labor required for receiving and placing Equipment in the desired location at the job site. Packaging materials shall be the property of the Customer. The terms of any such Installation Agreement are incorporated in and made a part of this Agreement.

**12.7 Configuration Changes** – By agreement between AVI Systems and the Customer, changes in the configuration of the Equipment described herein may be made in writing by submission of a Change Order document.

**12.8 Warranties** – Warranties vary by manufacturer and no additional warranties are expressed or implied on the equipment or software provided as part of the system. Additionally, for a period of 90 days from substantial completion, (AVI Systems) will warranty the systems installation to be free from defects in material and workmanship.

**12.9 Remedies** – Upon default as provided herein, AVI Systems shall have all the rights and remedies under any applicable laws. Any requirements of reasonable notice by either party to the other guarantors or sureties of Customer shall be met if such notice is mailed, postage prepaid, to the address of the parties shown on the first page of this Agreement (or to such other mailing address as either party in writing later furnishes to the other) at least ten calendar days before the time of the event or contemplated action set forth in said notice. Customer agrees to pay all expenses of retaking, holding, preparing for sale, as may be allowed by law and incurred by AVI Systems, in enforcing its rights under this Agreement. The rights and remedies herein conferred upon AVI Systems, shall be cumulative and not alternative and shall be in addition to and not in substitution of or in derogation of rights and remedies conferred by applicable laws.

**12.10 Limitation of Remedies** – AVI Systems entire liability and the Customer's exclusive remedy shall be as follows: In all situations involving performance or nonperformance of Equipment or services furnished under this Agreement, the Customer's remedy is the adjustment or repair of the Equipment or replacement of its parts by AVI Systems, or, at AVI Systems option, replacement of the Equipment. In no event will AVI Systems be liable for any damages caused by the Customer's failure to perform the Customer's responsibilities, or for any lost profits or other consequential damages, even if AVI Systems has been advised of the possibility of such damages, or for any claim against the Customer by any other party, or for any damages caused by performance or non-performance of Equipment located outside the United States or Puerto Rico.

**12.11 Accelerations of Obligation and Default** – Upon the occurrence of any event of default by Customer, AVI Systems may, at its option, with or without notice, declare the whole unpaid balance of any obligation secured by this Agreement immediately due and payable and may declare Customer to be in default under this Agreement.

**12.12 General** – This agreement is not assignable without the prior written consent of AVI Systems. Any attempt to assign any of the rights, duties, or obligations of this Agreement without such consent is void. This Agreement can only be modified by a written agreement duly signed by persons authorized to sign agreements on behalf of the Customer and of AVI Systems, and variance from the terms and conditions of the Agreement in any order or other written notification from the Customer will be of no effect. The term "this Agreement" as used herein includes any applicable installment payment agreement, supplement or future written amendment made in accordance herewith. If any provision or provisions of this Agreement shall be held to be invalid, illegal or unenforceable, the validity, legality and enforceability of the remaining provisions shall not in any way be affected or impaired thereby. Unless otherwise agreed to in writing by Customer and AVI Systems, if any printed term or condition contained in any purchase order or other form used by Customer to order products or services pursuant to this Agreement, or in any acknowledgment or other form used by Customer is inconsistent with any term or condition contained herein, the provisions hereof shall apply and take precedence AVI Systems is not responsible for failure to fulfill its obligations under this Agreement due to causes beyond its control or, except as agreed herein, to provide any services hereunder for Equipment located outside the United States or Puerto Rico. The laws of the State of Nebraska will govern this Agreement.

**12.13 Excusable Delay** – Scheduled completion dates are subject to change based on material shortages caused by shortages in cable and materials that are industry wide.


**13.0 Acceptance of Agreement** – This agreement includes equipment and services that are required to satisfy the project scope of Section 1.0 Scope of Work/Responsibilities. AVI Systems will begin work on this project upon receipt of a copy



of this agreement duly signed and executed by an agent of the Customer, specifically authorized to bind the Customer to the terms and conditions of this agreement.

In Witness whereof, the parties hereto by their duly authorized representatives have executed this Agreement upon the date first set forth herein.

**AGREED AND ACCEPTED BY:**

City of Grand Island	AVI Systems
Signature:	Signature: 
Printed:	Printed: Guy Sauer
Date:	Date: 11/8/07

## Scope of Work / Responsibilities

### Attachment "A"

#### 1.0 Statement of Services To Be Provided

##### Voting System

AVI Systems will replace existing voting system. New system will be touch panel/keypad based.

The existing voting panels will be replaced with new panels which will have microphone connections and a 6-button keypad.

The keypad will have buttons for YES, NO, MIC ON/OFF, REQUEST TO SPEAK\*.

At the Clerk/Mayor location there will be a 12" touch panel. This panel will control the display devices (projector) and will show Request to Speak requests in the order the respective buttons were pressed.

The Clerk's computer will have the voting software loaded on it. This software will display voting tallies by feeding the output of this computer to the projector (use touch panel to select this computer to be displayed).

Inputs to the projector will be Podium computer, Clerk's computer, DVD located in Podium, and video feed from GITV Master Control.

Crestron equipment will be located in GITV Master Control in Customer's equipment racks.

\* Will provide pricing option to activate existing Request to Speak lights located on the desk when the respective button is pressed. This option will involve replacing existing lamps inside the lights and add relays to control the lights.

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##### Audio System Upgrade

AVI Systems will provide:

- (2) Biamp Audio Flex CM
- (2) IP2 mic/line input card
- (4) OP2 output card
- (12) AEC2HD acoustic echo canceling input card
- (2) Audio amplifier
- (4) Wall/ceiling mounted speaker
- (18) Gooseneck microphone
- Wireless handheld microphone
- (2) Wireless lavalier microphone
- Antenna distribution equipment

AVI Systems will replace existing gooseneck microphones and install four new wall/ceiling mounted speakers for program audio.

Will add two wireless lavalier microphones and one wireless handheld microphone for use in the Council Chambers. The receivers will be located in GITV with the antennas remoted to the Council Chambers.

Will continue to use existing ceiling speakers for voice lift within the room. Volume control will be facilitated from the touch panel.

Will replace existing audio amplifiers.

Microphone mixing system will provide acoustic echo canceling on all microphones and provide the ability to volume control each individual microphone and control each individual output level.

Microphone mixing equipment will be located in GITV Master Control in Customer's equipment racks.

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### Camera System Upgrade

AVI Systems will replace existing cameras and camera controller.  
New cameras will be located in the same location as existing cameras.  
Will utilize existing cables for video and control.  
Cameras will be pan/tilt/zoom cameras.

Joystick controller will be located in GITV Master Control.

Customer responsible for power at equipment locations.

NOTE: Installation price quoted assumes Council Chambers upgrade and GITV studio relocation projects installed concurrently.

## **2.0 (AVI Systems) Responsibilities**

- Provide equipment, materials and labor items per Attachments B and C.
- Provide systems equipment installation and supervisory responsibility of the equipment installation.
- Provide systems checkout, programming and testing.
- Provide project timeline schedules.
- Provide necessary information, as requested, to the owner or other contractors involved with this project to insure that proper AC electrical power and cableways and/or conduits are provided to properly integrate the equipment within the facilities.
- Provide manufacturer supplied equipment documentation.
- Provide final documentation and "as built" system drawings (CAD).
- Provide system training following installation to the designated project leader or team.
- Provide on-going maintenance and service as per terms of Service Maintenance Agreement (SMA) – Attachment D.

## **3.0 City of Grand Island Responsibilities**

- Provide for the construction or modification of the facilities for soundproofing, lighting, electrical, HVAC, structural support of equipment, and decorating as appropriate.
- Provide for the ordering, provisioning, installation, wiring and verification of any Data Network (LAN, WAN, T1, ISDN, etc.) and Telephone Line (Analog or Digital) equipment and services prior to on-site installation.
- Provide all necessary cableways and/or conduits required to facilitate AV systems wiring.
- Provide all necessary conduit, wiring and devices for technical power to the AV systems equipment.
- Provide reasonable accesses of AVI Systems personnel to the facilities during periods of installation, testing and training, including off hours and weekends.
- Provide a secure area to house all installation materials and equipment.
- Provide a project leader who will be available for consultation and meetings.
- Provide timely review and approval of all documentation (Technical Reports, Drawings, Contracts, etc.).

## Equipment List

### Attachment "B"

Model No.	Manu	Description	Grp	QTY	List	Contract	Extended
Audia FLEX CM	BIAMP	Audia FLEX Chassis w/CobraNet Module	0	2	\$0.00	\$3,488.00	\$6,976.00
IP2	BIAMP	2-channel mic/line input card	0	2	\$0.00	\$155.00	\$310.00
OP2	BIAMP	2-channel mic/line output card	0	4	\$0.00	\$95.00	\$380.00
AEC2HD	BIAMP	2-channel wide-band acoustic echo canceling w/noise suppression	0	12	\$0.00	\$324.00	\$3,888.00
Volume 8	BIAMP	8 selectable levels on a single- gang rotary encoder panel	0	0	\$0.00	\$240.00	\$0.00
Volume/Select 8	BIAMP	8 selectable levels/actions on a two-gang rotary encoder panel	0	0	\$0.00	\$300.00	\$0.00
CX 302V	QSC	2 channels, 250 Watts/ch @ 70V	0	2	\$0.00	\$679.00	\$1,358.00
CONTROL 28T-60	JBL PRO	Control 28 with Transformer. Black, Priced as Each, Packed as Pairs.	0	4	\$0.00	\$179.00	\$716.00
MX418/C	SHURE	CARDIOD-18" Gooseneck Condenser Microphone Attached Preamp with XLR Shock Mount Flange Mount Snap-Fit Foam Windscreen	0	18	\$0.00	\$197.00	\$3,546.00
SLX24/BETA58	SHURE	Includes SLX2/BETA58 Handheld Transmitter with BETA58 Microphone - J frequency	0	1	\$0.00	\$544.00	\$544.00
SLX14/93	SHURE	Includes SLX1 and WL93 Omnidirectional Micro-Lavalier Microphone - J frequency	0	2	\$0.00	\$512.00	\$1,024.00
UA844US	SHURE	Wideband UHF (470-900 MHz) Four-Way Active Antenna Splitter and Power Distribution System. 120v external power supply.	0	1	\$0.00	\$361.00	\$361.00
UA820J	SHURE	1/2 Wave Omnidirectional Antenna for UR4S/UR4D 578- 638 MHz, Covers J5 Frequency Range	0	2	\$0.00	\$26.00	\$52.00
UA505	SHURE	Mounting Bracket and BNC Adapter for Remote Antenna Mounting	0	2	\$0.00	\$18.00	\$36.00
CNX-B6B	CRESTRON	6-Button Wall-mounted Keypad with Temperature Sensor and WAV File Audio, Black Faceplate. For customized engraving, finishes and other options, see Configuration and Ordering Guide.	0	16	\$0.00	\$217.00	\$3,472.00
B6-BTNB	CRESTRON	Standard Keypad 6 Button Model. Cost per button engraved. Black	0	96	\$0.00	\$6.00	\$576.00
B-G1-FP-P/BLK	CRESTRON	1-Gang Designer Series Faceplate for CNX-B Keypads - Polished Black	0	16	\$0.00	\$30.00	\$480.00
TPS-12	CRESTRON	12" Touchpanel; includes TPMC-CH-IMC [Available July, 2005]	0	1	\$0.00	\$4,096.00	\$4,096.00
PRO2	CRESTRON	Professional Dual Bus Control System. 1 Z-Bus slot and 3 Y- Bus slots. Built-in Power Supply	0	1	\$0.00	\$1,988.00	\$1,988.00
C2ENET-1	CRESTRON	Single Port 10/100BaseT Ethernet for Z-Bus Expansion	0	1	\$0.00	\$542.00	\$542.00

Item	Manufacturer	Description	Unit Price	Quantity	Unit Price	Total Price	Total Price
CNXRMAK	CRESTRON	Slot. New! Now, includes Crestron e-Control2® Rack Mount Kit for up to 3 C2N- HBLOCK and CNPWS-75, 2U	0	1	\$0.00	\$90.00	\$90.00
CNPWS-75	CRESTRON	External Cresnet Power Supply, 75 watt	0	3	\$0.00	\$271.00	\$813.00
QM-MD7X2	CRESTRON	QuickMedia Distribution Center	0	1	\$0.00	\$2,410.00	\$2,410.00
QM-RX	CRESTRON	QuickMedia Receiver [Available Q1 2005]	0	3	\$0.00	\$783.00	\$2,349.00
QM-TX	CRESTRON	QuickMedia Transmitter	0	3	\$0.00	\$663.00	\$1,989.00
QM-MD4X2	CRESTRON	4X2 QuickMedia Matrix Switcher	0	1	\$0.00	\$964.00	\$964.00
60-476-01	EXTRON	High Resolution Computer-to- Video Scan Converter	0	1	\$0.00	\$934.00	\$934.00
26-490-02	EXTRON	VGA with Audio Cable: 15-pin HD Male to Male Molded - 6' (1.8 m)	0	2	\$0.00	\$23.00	\$46.00
AVI	AVI	Voting software	0	1	\$0.00	\$2,000.00	\$2,000.00
DVP-NS77H	Sony - Starin	DVD player	0	1	\$0.00	\$100.00	\$100.00
HD-P2	TASCAM	High Resolution Portable Stereo Recorder • Built-in SMPTE Timecode Input • Up to 192kHz Recording Resolution • Records to Compact Flash Media • XLR Mic Inputs with Phantom Power and Analog Limiting • S/PDIF Digital I/O High-Speed FireWire Computer Interface equipment	0	1	\$0.00	\$914.00	\$914.00
Misc	AVI tech serv	Interface equipment	0	1	\$0.00	\$2,500.00	\$2,500.00
EVID70	SONY	Pan/Tilt/Zoom Color NTSC Video Camera	0	0	\$0.00	\$1,115.00	\$0.00
BRC300	SONY	3 CCD Mega Pixel P/T/Z Robotic Color Video Camera	0	4	\$0.00	\$3,632.00	\$14,528.00
CP-ITV-D100	TELEMETRICS	ITV CONTROL PANEL D100/D30/D70 SONY	0	1	\$0.00	\$1,207.00	\$1,207.00
CA-ITV-DIN-6	TELEMETRICS	Control panel to camera cable, 6'	0	4	\$0.00	\$45.00	\$180.00
ST-IO	CRESTRON	Cresnet Module with 8 Relays and 4 Analog Input/Digital I/O. Includes PW-1205 Power Supply	0	1	\$0.00	\$600.00	\$600.00

## Implementation Costs

### Attachment "C"

Professional Services	Grp		QTY	List	Contract		Extended
AVI	AVI tech serv	Engineering	0	1	\$0.00	\$5,880.00	\$5,880.00
AVI	AVI tech serv	Cable & Connectors	0	1	\$0.00	\$3,615.00	\$3,615.00
AVI	AVI tech serv	Hardware & Materials	0	1	\$0.00	\$4,511.00	\$4,511.00
AVI	AVI tech serv	Installation	0	1	\$0.00	\$12,642.00	\$12,642.00
AVI	AVI tech serv	Programming	0	1	\$0.00	\$8,860.00	\$8,860.00
AVI	AVI tech serv	Training	0	1	\$0.00	\$816.00	\$816.00
AVI	AVI tech serv	Travel & Expenses	0	1	\$0.00	\$4,000.00	\$4,000.00
AVI	AVI tech serv	RG-58 extension cable	0	1	\$0.00	\$225.00	\$225.00
AVI	AVI tech serv	Wireless microphone and antenna installation	0	1	\$0.00	\$750.00	\$750.00
Request to speak - cable, installation, programming, and installation.	AVI tech serv	Control request to speak lights	0	1	\$0.00	\$4,680.00	\$4,680.00
Total Implmentation							\$45,979.00

## **Gratuities and Kickbacks**

City Code states that it is unethical for any person to offer, give, or agree to give any City employee or former City employee, or for any City employee or former City employee to solicit, demand, accept, or agree to accept from another person, a gratuity or an offer of employment in connection with any decision, approval, disapproval, recommendation, or preparation of any part of a program requirement or a purchase request, influencing the content of any specification or procurement standard, rendering of advice, investigation, auditing, or in any other advisory capacity in any proceeding or application, request for ruling, determination, claim or controversy, or other particular matter, pertaining to any program requirement or a contract or subcontract, or to any solicitation or proposal therefor. It shall be unethical for any payment, gratuity, or offer of employment to be made by or on behalf of a subcontractor under a contract to the prime contractor or higher tier subcontractor or any person associated therewith, as an inducement for the award of a subcontract or order.

RESOLUTION 2007-279

WHEREAS, the City of Grand Island invited proposals for Council Chamber Audio/Video/Voting System Equipment Upgrade, according to Request for Proposals on file with the GITV Department; and

WHEREAS, on October 15, 2007, one proposal was received, reviewed and evaluated in accordance with established criteria; and

WHEREAS, AVI Systems of Omaha, Nebraska, submitted a proposal in accordance with the terms of the Request for Proposals and all statutory requirements contained therein and the City Procurement Code, such proposal not to exceed the amount of \$107,948.00.

NOW, THEREFORE, BE IT RESOLVED BY THE MAYOR AND COUNCIL OF THE CITY OF GRAND ISLAND, NEBRASKA, that the proposal of AVI Systems of Omaha, Nebraska, in an amount not to exceed \$107,948.00 for Council Chamber Audio/Video/Voting System Equipment Upgrade is hereby approved.

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Adopted by the City Council of the City of Grand Island, Nebraska on November 13, 2007.

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Margaret Hornady, Mayor

Attest:

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RaNae Edwards, Deputy City Clerk

Approved as to Form	☐
November 8, 2007	☐ City Attorney