


REPORT TO THE CITY COUNCIL

DATE: NOVEMBER 13, 2019

TO: HONORABLE MAYOR AND MEMBERS OF THE CITY COUNCIL

FROM: GREG RAMIREZ, CITY MANAGER 

BY: LOUIS CELAYA, DEPUTY CITY MANAGER 

SUBJECT: AUTHORIZATION TO APPROVE FULL AUDIO VISUAL UPGRADES TO CITY COUNCIL CHAMBER AUDIO VISUAL PRODUCTION EQUIPMENT

During the FY 2019-2020 Budget Workshop, staff identified the need to upgrade the City's audio visual equipment in the City Council Chambers. The upgrade is part of the continuing process to improve audio and visual equipment in the City Council Chambers for broadcasting purposes. The equipment is the original audio visual and production equipment that was installed when the civic center was constructed. During the FY 2019-2020 budget process, staff received the estimate from the City's audio visual contractor, Digital Network Group (DNG), of \$124,846 to upgrade the older analog-based audio visual system to a digital-signal-based system that would afford additional technologies, such as video streaming capabilities and replace antiquated equipment. During the budget, workshop staff indicated the upgrade would occur over two fiscal year cycles, with the first cycle primarily consisting of production equipment upgrades (i.e., cameras, control center console, control room displays, etc.) to be completed in FY 2019-20. The second phase of improvements consisting of the video and audio streaming elements budgeted for FY 2020-21.

As staff began preparations for the first upgrade, it became apparent that it would be in the best interest of the City to complete the full improvements, as while the improvements would provide for better picture quality and still permit the broadcasting of the meetings, the streaming element would not be available. In speaking with the city's contractor DNG, a one phase approach was recommended, but during the initial budget preparations a two phase approach was elected. Given the desire of the City Council to improve the City's broadcasting technologies to afford the City to utilize the current technologies available, coupled with the recommendation of DNG, and general knowledge that when an improvement is done in stages, there is always the possibility for older equipment and new equipment to potentially conflict, staff would recommend completing the upgrade in one phase.

Should the City Council elect to proceed with the single-phase upgrade, the project would commence after December 11, 2019, and carry into January 2020. This would afford DNG the time necessary to complete the improvements, including working with representatives from Lanspeed and Granicus to ensure all meeting recordings and

broadcasting elements are in sync. Funding is currently budgeted for phase one, with the second phase budgeted for FY 2020-21. With respect to future meetings of the City Council and Planning Commission to be held in January, these meetings would be held in the Community Room with the meetings recorded for future viewing.

The proposed upgrades will include new production equipment, new high definition cameras, replacement of the dated main control panel and display screens, digital/video control switchers, HMDI and SDI converters and switches, and associated cable and hardware.

RECOMMENDATION

Staff respectfully recommends:

- 1) the City Council authorize the full audio visual improvement upgrades to complete the Audio Visual Production Equipment for the City Council Chambers project in the amount of \$124,846, and direct the City Manager to execute all documents necessary to complete the project.
- 2) Authorize a budget amendment in the amount of \$124,846 for Fiscal Year 2019-2020.

Attachment: DNG Proposal – City Council Chambers Video System

Council Chambers Video System

David Suter

Ship To:

City of Agoura Hills

Louis A. Celaya
Deputy City Manager
30001 Ladyface Court
Agoura Hills, CA 91301
Tel: (818) 597-7314

Mfr-Part No.	Qty	Description	Unit Price	Extended
MATRIX DIGITAL VIDEO/AUDIO/CONTROL SWITCHER				
Extron-60-1515-01	1	8x4 Seamless Scaling Presentation Matrix Switcher	6,243.75	6,243.75
Extron-60-1271-12	1	HDMI Twisted Pair Transmitter - 230 feet (70 m)	293.75	293.75
Extron-60-1271-13	3	HDMI Twisted Pair Receiver - 230 feet (70 m)	293.75	881.25
WIRELESS- AV CONNECTION				
Extron-60-1508-02	1	Collaboration Gateway Network Version - no WAP	994.12	994.12
AV INPUT PLATES				
Extron-60-1551-12	3	Three Input Switcher with Integrated DTP	868.75	2,606.25
Extron-60-1271-13	1	HDMI Twisted Pair Receiver - 230 feet (70 m)	293.75	293.75
SOURCES				
Samsung- BD-J5700	1	Blu-Ray Player	89.41	89.41
VIDEO/AUDIO RECORDING & STREAMING DEVICE				
Extron-60-1324-02	1	with 3G-SDI Input 80 GB SSD	3,523.53	3,523.53
Liberty-HD-700-4	4	4' Perfect Path's Locking High Speed HDMI	18.00	72.00
	2	Blackmagic CONVMAAS2 Analog to 3G HD-SDI Mini Converter	393.33	786.66
Extron-60-483-20	1	12 Input Stereo Audio Switcher	856.25	856.25
Atlas Sound-MVXA-2016	1	16 Channel Active Audio Monitor Panel	1,172.51	1,172.51
PRODUCTION EQUIPMENT				
ROOM CAMERA SYSTEM AND CONTROL				
PANASONIC-AV-HS410NJ	1	Compact, expandable, multi-format HD/SD vid	9,268.24	9,268.24
PANASONIC-AW-HE130KPJ	3	Production Quality HD Video via 3G-SDI and	8,488.24	25,464.72
PANASONIC-AW-RP120GJ	1	New Pan-tilt camera system	4,645.88	4,645.88
CICSO	1	SG350-28P-K9-NA 28 Port Network switch	642.35	642.35
BLACK MAGIC	5	SDI TO HDMI CONVERTERS	232.94	1,164.70
QSC-TOUCHMIX-8	1	Touch-screen digital audio mixer with 8 mic/line	881.18	881.18
Tannoy	2	Audio Monitors	375.00	750.00
BLACK MAGIC	3	SDI TO HDMI CONVERTERS	232.94	698.82
Black Magic	1	audio monitor	1,764.71	1,764.71
Vaddio-535-2100-202	3	ADJUSTABLE WALL BRACKET FOR CONCEAL	191.12	573.36
CONTROL ROOM DISPLAYS- PREVIEW , PROGRAM & MULTI VIEW				
Samsung PM49H	1	49" LED display	958.82	958.82
LG 22SM3B-B	6	22" LED Monitor 1080P	343.56	2,061.36



Chief-MTA1U	3	Tilt Wall Mount, Medium	93.88		281.64
<u>AUDIO RECORDING</u>					
Denon DN-700R	1	Network SD/USB Audio Recorder	520.13		520.13
	2	SD- CARDS	23.53		47.06
CONTROL ROOM CUSTOM CONSOLE RACK/DESK					
	1	WINSTED- CUSTOM CONTROL ROOM CONSOLE & AV RACK	8,621.25		8,621.25
<u>MISC: CABLES, CONNECTORS HARDWARE</u>					
Liberty LLINX-HD	2	Blue Dual Shielded 24 AWG 4 pair HDBaseT	360.00		720.00
Extron-101-005-02	4	XTP DTP 24 Plug, Package of 10	29.41		117.64
Liberty-22-1P-EZ-BLK	1000	EZ-STRIP 22 GAUGE 1 PAIR BROADCAST AUDIO CABLE	135.29	M	135.29
Liberty-24-4P-L6-EN-BLU	2000	CAT6 UNSHIELDED TWISTED PAIR CABLE	194.12	M	388.24
Liberty-100 011LW	1000	EZ-RJ45 CAT6 CONNECTOR 30 PACK	27.39	M	27.39
Liberty-CD-9809S	15000	D-SUB 9-PIN CONNECTOR HOUSING FOR CRIMP & PLUG TERMINATION	0.62	M	9.30
Liberty-18-CMR-SD-BLK	2000	DUAL SHIELD RG6 ANALOG VIDEO AND AUDIO CABLE	382.35	M	764.70
Liberty-CM-RG6M-BNC	25	C-Tec2 RG6 BNC PLUG - UNIVERSAL MEDIUM NICKEL	2.15		53.75
PANDUIT JBP2DWH	8	JUNCTION BOX,DG,POWER RATED,DEEP,WHT	13.24		105.92
DNG4000	1	MISC: HARDWARE	2,352.94		2,352.94
Equipment Sub-Total					80,832.62
Professional Services					33,505.03

Pricing Summary

This Quote is Valid for 30 Days.

Legend: M=1000Ft

DNG PWC/DIR # 1000001928

Shipping & Handling: \$2,829.14
CA Local Tax \$7,679.10

Lump Sum Project Total: \$124,845.89

DIR PROJECT ID # _____



Terms

Net 30

Design Criteria / Assumptions:

1. Conduits/Electrical Work:

- * All conduit is usable and free of obstructions
- * Conduit, backboxes and sleeves provided by others
- * 110 VAC outlets and circuits not included
- * Core drilling not included, unless otherwise noted
- * Power Supplies, surge suppressors, UPS not included
- * Site shall be accessible during scheduled work hours

2. Pricing:

- * All Pricing is confidential

3. Quality Assurance:

- * All cabling complies with EIA-TIA 568/569B Standards
- * All work shall comply with applicable Building Codes
- * Changes to contract must be approved in writing

System Maintenance Offerings:

Ask about DNG's other comprehensive **Preventative Maintenance and Support Services** programs intended to supplement manufacturer's limited equipment warranties, provide ongoing technical support, prioritized emergency site response repairs, and periodic system training sessions. All of these recurring preventative maintenance features will help protect your AV system and financial investment . Please take advantage of these programs and contact your Account Manager or DNG's Service Group for coverage options -

Basic Maintenance Package: Preventative Maintenance Visit, System Status Reports, Help Desk Support, Emergency Response Priority, User Refresh Training, Extended Equipment Warranty, Labor, Free Shipping and Supplies Discounts.

Notice to Proceed

This document may serve as a Notice to Proceed to Digital Networks Group (DNG) in advance of a customary Purchase Order or Contract. Alternatively, this document may serve as a formal Purchase Order to DNG only in the event the Customer does not or cannot generate a formal Purchase Order or Contract to DNG. In either event, this agreement creates a binding contract between Digital Networks Group and the Customer. By signing this document the Customer is approving DNG to procure materials and to provide the installation services as specified without reservation, and the customer agrees to pay the Total Project Cost within the terms stated above . DNG is acting in good faith that the individual signing this document on behalf of the Customer is duly authorized to enter into this binding agreement.

Cancellation: If for any reason the customer provides a written Notice of Cancellation to terminate a portion of this project or the entire project, the customer agrees to pay DNG for pro-rated services rendered and products purchased and received which may not be returned to the factory, or in the event product may be returned, the customer agrees to pay DNG applicable vendor restocking charges up to the date of cancellation.

Account Manager: _____ Date: _____

Customer: _____ Date: _____

