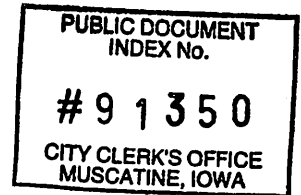


Mayor & Council --- I will ask for council's approval of this item at the end of tonight's meeting. Note the price is now \$20,690.50. \$18,500 was budgeted and \$19,293.60 was authorized by council at the July 15th city council meeting. If you have any questions, please contact me.



R. Hill

From: "Bishop, Chad" <cbishop@eicc.edu>
To: "Mandsager, Gregg" <gmandsager@ci.muscatine.ia.us>
Subject: City Council Chamber Equipment Update - MCC

Gregg,

Attached please find an updated quote from ECS, Inc. They visited the site and consulted their original design specs to come up with this proposal, which now includes upgrades to the PA system and overall audio quality. Here is a summary of changes from original proposal:

- 1) Two speakers will be added to the existing ceiling box. One that faces straight down, and one that is pointed toward the council members.
- 2) A longer mic will be installed on the podium, and the current podium mic will be installed on the desk so that no one has to share a microphone.
- 3) The current PA equipment rack (green box), will be moved from council chambers to back room to give operator control/access.
- 4) A hole will need to be drilled in the wall (near the door to the equipment room) to allow re-routing of New microphone cables (please authorize this).
- 5) A 40" LCD HDTV monitor will be installed on the balcony directly in front of the council desk (overhead/behind audience, where camera used to be)
- 6) Podium will be moved over to the side
- 7) An updated microphone mixer and amplifier will be installed to replace old audio equipment

Note: ECS will be installing the audio/PA equipment and mic cabling. MCC will be installing the video cameras & editing equipment. A fee of \$350.00 (7hrs @\$50/hour) will be added to our quarterly invoice to the City to accommodate this. It is also anticipated that some misc. electrical cabling and hardware may need to be purchased, but these expenses will be minimal (estimated under \$100).

Please review this information and feel free to ask any questions you

may have. Upon approval, I will authorize ECS, to order the equipment, and then I would set-up installation dates that corresponded with the availability of the chambers. In the past, I have had ECS send us the bill and then we invoiced the City at a later date. In this case, however, I will be suggesting that ECS sends the final bill directly to the City of Muscatine. This will expedite the process.

Please advise accordingly.

Chad Bishop
MCC Video Department
288-6070

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ECS, INC.

ELECTRONIC COMMUNICATION SYSTEMS

5665 Tremont Ave. * Davenport Iowa * 52807

Voice: (563) 322-1525 Fax: (563) 322-5920 www.ecsdav.com

Equipment Quotation

Client Copy

072210-35-KG

Quotation Date: 07/22/2010

Valid Through: 09/01/2010

Page: 1

Mailing Address

Chad Bishop
Muscatine Community College
152 Colorado St
Muscatine, IA 52761-5396
563-288-6070 563-288-6071

Shipping Address

Chad Bishop
Muscatine Community College
152 Colorado St
Muscatine, IA 52761-5396

Qty	Model #	Mfg	Description	List Price	Sell Ea	Sell Ext
20	Install two Speakers in existing ceiling speaker box mounted on 18' Ceiling one ceiling Speaker in the bottom, and one surface mounted on the rear Replace podium mic w/18" mic. and add old podium mic to Council Table Replace existing mic. wires from council table and podium to enable the equipment rack to be relocated into control room (Big Whole in Concrete) Install Wall mounted 40" HDTV on Concrete Wall				55.00	1100.00
1	FAP42T	Atlas	Ceiling Speaker with Back Box & Transformer	115.00	65.00	65.00
1	SM52T-W	Atlas	5 1/4" 2-Way Weather Resistant Multi-Purpose Speaker System with 30 Watt 70.7/100V Internal Transformer	189.00	119.00	119.00
600	9451/FT	Belden	22-Gauge Audio Cable (per foot)	0.39	0.26	156.00
3	BRCWMZ330/FEC	FEC	Wall Mounting Bracket for BRC-300	220.00	180.00	540.00
1	TCEFull	Newtek, Inc.	TriCaster™ Educational Full Unit	3995.00	3525.00	3525.00
1	SF-640	Peerless	Wall mount	80.00	45.00	45.00
1	B2430H	Samsung	24" LCD Monitor	375.00	275.00	275.00
1	LN19C450E1D	Samsung	19"LCD HDTV,720p,2-HDMI,1-Component,1-USB,PC,Game Mode,Anynet, Headphone Jack,	379.00	299.00	299.00
12	A3F	Scraft	XLR Connector Female	4.95	3.00	36.00
1	MX418/C	Shure	18" Microflex Gooseneck Microphone	399.00	199.00	199.00
1	SCM410	Shure	4-Channel Automatic Audio Mixer	895.00	695.00	695.00
1	SCM810	Shure	8-Channel Automatic Audio Mixer	1595.00	1150.00	1150.00

Submitted By: Green, Kevin

Extension: 4393

Accepted By: _____ P.O. #: _____

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Chad Bishop
Muscatine Community College
 152 Colorado St
 Muscatine, IA 52761-5396
 563-288-6070 563-288-6071

Shipping Address

Chad Bishop
Muscatine Community College
 152 Colorado St
 Muscatine, IA 52761-5396

Qty	Model #	Mfg	Description	List Price	Sell Ea	Sell Ext
3	BRC-300	Sony	1/4-Inch 3-CCD Megapixel Widescreen Camera w/Pan/Tilt/Zoom/Focus & Exposure Remote Controls & 16:9 / 4:3 Aspect Options	4899.00	3275.00	9825.00
1	RM-BR300	Sony	P/T CAMERA REMOTE CONTROL	1575.00	1243.00	1243.00
3	SVDC50	Sony	50' RS 232 Control; Cable w Visca Connectors	89.00	70.00	210.00
2	SV4-SV4-100	TecNec	100' S-Video Cable	89.95	53.00	106.00
1	SV4-SV4-50	TecNec	50', M-M, S-Video Cable	49.95	32.50	32.50
1	P-912MK2	TOA	Power Amplifier, 120 W, 1 Module Port, Black (2U)	962.00	425.00	425.00
1	3170936	Toshiba	40" LCD HDTV w/ True 1080P, 60Hz Refresh, 90,000:1 Contrast, 4-HDMI inputs, 2-USB inputs, 1-VGA input	749.00	645.00	645.00

Equipment List	Equipment Sell	Custom	Labor	City Tax	State Tax
\$27,455.25	\$19,590.50		\$1,100.00	\$0.00	\$0.00
Shipping	Terms	F.O.B.	Client #	Ship VIA	Bid Total
	30	Origin	505	Best Way	\$20,690.50

Notes

VGA display for Newtek's TriCaster is not included but can be added at an additional charge. Newtek requires us to send them a copy of your schools purchase order in order to receive educational pricing contained in this quote.

Submitted By: Green, Kevin

Extension: 4393

Accepted By: _____ P.O. #: _____