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Hamburg, MI 48139
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www.hamburg.mi.us

08/14/24

To: Hamburg Township Board
From: Tony Randazzo

Re: Audio Improvements for the Board Room

We have identified some upgrades to the audio system in the board room that will improve the sound quality of the meetings. First, in order to improve the audio volume in the room, especially for the Board itself, we would install a 2 channel Wi-Fi system with four receivers. The receivers are headsets that will allow a person to hear the meeting in real time. This means they won't have to rely on the overhead speakers for sound. Additionally, the Wi-Fi system will allow anyone connected to the wireless network with a smartphone to listen to the meeting through an app. Next, we will replace the three wireless bodypack microphones as well as their receiver. This equipment is at least twenty-five years old now and has performed erratically in recent years. Finally, we would like to purchase four new omnidirectional cartridges for our tabletop microphones. This will improve the sound volume for softer speaking individuals.

The total cost for these improvements will be \$6,601.96. This will be paid out of the Cable TV equipment reserve and the capital improvement line item from the IT Department. The vendor told us that all of the items are in stock so we should have this installed in seven to ten business days after approval.



Great Lakes Multimedia Supply, Inc.

1307-D Allen Drive, Troy, MI 48083

Main Office Tel: 1.877.437.8273

www.GLMMS.net

Quotation

Date	Quote #
8/14/2024	366610

Name / Address
Hamburg Township Television Mike DeLancey 10405 Merrill Road PO Box 157 Hamburg, Mi 48139

Ship To
Hamburg Township Television Mike DeLancey 10405 Merrill Road PO Box 157 Hamburg, MI 48139

Terms	Rep	FOB	Account #
Net 30	RT	Origin	

Item	Description	Qty	Cost	Total
R183B	Shure R183B Omnidirectional Cartridge for MX and WL Series Microphones (Black)	4	61.99	247.96T
LWS-04-A1	Listen Tech- LWS-04-A1 2 Channel Wi-Fi System with 4 receivers	1	3,680.00	3,680.00T
BLX1-H10	Shure BLX1 Wireless Bodypack Transmitter (H10: 542 to 572 MHz)	3	159.00	477.00T
BLX4R-H10	Shure BLX4R Rackmount Wireless Receiver (H10: 542 to 572 MHz)	3	249.00	747.00T
CVL-B/C-TQG	Shure CVL Centraverve Lavalier Condenser Microphone	3	50.00	150.00T
CABLES	Cables Required for Install	1	400.00	400.00T
Labels	Labor to install above equipment per day - (assuming I can re-solder the shorts in the audio cable. Does not cover re-running cable)	1	900.00	900.00T

	Subtotal	\$6,601.96
	Sales Tax (0.0%)	\$0.00
Customer Signature _____	Total in USD	\$6,601.96