



City of Galveston

DEPARTMENT OF INFORMATION TECHNOLOGY

STAFF REPORT

Date February 23, 2023

To: City Manager
Mayor and City Council Members

From: Hope Dean, Information Technology, Executive Director

Project location: Impacts the Entire City

Project: Rm 204 Audio Enhancement

Request:

Consider approving the City Manager to execute an agreement with Ford-Audio Video Systems, LLC utilizing BuyBoard Contract #644-21 for a total cost of \$40,172 and authorize the City Manager to execute all necessary documents upon final approval by the city attorney.

Prior Council Action

none.

Background

1. Room 204 audio has the following issues.
 - a. Low audio on channel 16.
 - b. Interference with white noise in the room feeding into the microphones.
 - c. Speaker over the audience can't be turned up loud enough for the audience to hear without causing a loud squeal known as feedback.

Fiscal Impact Report

- **Funding Source.**
 - The Public, Educational, and Governmental (PEG) Fund



- **Total Cost.**

Description	Amount
18 U Wall Mount Rack	\$1147.00
Cables and Connectors	\$290.00
Mounting Hardware	\$174.00
Rack Hardware	\$228.00
Small Speaker Support	\$72.00
Wire Management	\$145.00
Rack Mounted Drawer	\$168.00
Foam Insert for Rack Mounted Drawer	\$38.00
Power Distribution	\$116.00
500' Black Cat 6 Cable	\$145.00
1000' Gray 16 ga 2 conductor wire	\$230.00
2 wireless lapel mics and receiver	\$822.00
Biamp 4 channel 60 watt half rack	\$582.00
6 Biamp 6.5" ceiling speakers	\$129.00
Biamp Digital Signal Processor	\$2,765.00
Yamaha Wireless Access Point for 8 Mics	3523.00
Yamaha Microphone Charging Base	\$736.00
8 Yamaha Directional Table Microphones	\$462.00
Biamp Software for remote mic control	\$412.00
Netgear 12 port POE Switch	\$588.00
Dell Latitude 7320	\$1342.00
USB to Ethernet Adapter	\$33.00
APC Battery Backup	\$938.00
Wireless Hand Held Mics	\$1004.00
Merchandise Sub Total	19968.00
Design, Engineering, Installation, Labor	\$19540.00
Annual Preventative Maintenance	\$632.00
Total	\$40,172.00

Alternatives

- Option 1 – Approve the Purchase of the audio upgrade solution
- Option 2 – Do Not approve and the audio will remain unchanged

Staff Recommendation

Approve the purchase of an audio upgrade solution through Ford Audio-Video Systems, LLC utilizing BuyBoard Contract #644-21 for a total cost of \$40,172.

Attachments

Ford Audio-Video Systems, LLC proposal