

**BOARD OF TRUSTEES  
AGENDA**

<input type="checkbox"/> Workshop	<input checked="" type="checkbox"/> Regular	<input type="checkbox"/> Special
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(A) ☐ Report Only ☐ Recognition

**Presenter(s):**

**Briefly describe the subject of the report or recognition presentation.**

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(B) ☒ Action Item

**Presenter(s):** GILBERTO GONZALEZ, SUPERINTENDENT

ISMAEL MIJARES, DEPUTY SUPERINTENDENT FOR BUSINESS & FINANCE

**Briefly describe the action required.**

CONSIDER AND TAKE APPROPRIATE ACTION ON THE REQUEST TO AMEND THE  
GENERAL FUND AND CAPITAL PROJECTS FUND BUDGETS.

(C) **Funding source: Identify the source of funds if any are required.**

CAPITAL PROJECTS FUND: \$283,304


(D) **Clarification: Explain any question or issues that might be raised regarding this item.**

SEE ATTACHED MEMORANDUM.



# EAGLE PASS INDEPENDENT SCHOOL DISTRICT

**TO:** Gilberto Gonzalez, Superintendent

**FROM:** Ismael Mijares, Deputy Superintendent for Business & Finance 

**SUBJECT:** **BUDGET AMENDMENTS FOR SPECIAL PROJECTS**

**DATE:** January 8, 2018

This Budget Amendment is to appropriate *Additional Funds* for the following *Special Projects*:

Austin Elementary Audio and Visual Equipment	\$ 201,373
Austin Elementary Parking Lot Change Order	<u>81,931</u>
<b>Total:</b>	<b><u>\$ 283,304</u></b>

The above Funds will increase the *Amount Budgeted* for the Austin Elementary *Parking Lot* by \$79,160 from \$394,661 to \$473,821. The *Architect Services* will also increase by \$2,771 from \$13,814 to \$16,585.

These Funds will be funded from an Increase in Additional Interest Revenues due to the estimated increase in Interest Rate Earned. Attached is the *Budget Amendment* to appropriate these Funds.





## Board Room with Rushworks Scope of Work

Flexile Systems is delighted to provide Eagle Pass ISD (EPISD) a solution for an advanced Audio Video System that includes production and broadcasting to be installed in the newly renovated District Board Room. This contract will establish the terms and conditions of the agreement, as well as expectations of performance.

### Proposal

This proposal is for an advanced AV system with many more features and functionality than the proposed basic system. Rushworks TV has designed this solution using their preferred manufactures components and technologies combined with their own Video Production, streaming, and broadcasting package.

Flexile Systems role with this solution is strictly of labor and supporting Rushworks TV. As you know Flexile Systems has only recently become Rushworks partners so we are using this as a sort of OJT opportunity to learn their systems and technology. So the only role Flexile will play here is to provide the labor to run all the cable and install the proposed components. Rushworks will then come in and configure, calibrate, and test all the equipment while Flexile Systems supports and observes.

The basic features of the system remain the same as far as inputs for the presenter's lectern, the inputs at the Dais for administrators. Outputs are also the same with the projected view for the audience and distributed monitors for the board members and EPISD administration. One of the changes in this proposal is with the system's audio. The Basic proposal calls for traditional analog audio signaling and routing whereas this proposal calls for the DANTE audio system which is basically audio over IP with a software DSP so the typical microphone cables will be replaced with CAT6 cables and an ethernet POE switch.

### Description (notes from Rushworks)

The biggest difference in this solution compared to the Basic proposal is the addition of cameras and a live production studio software by Rushworks.

This solution will include a total of five cameras; three across the back of the room facing the board and two behind the board members to allow for shots of the two lectern positions.

In terms of Rushworks-specific equipment, there are two options as requested: a fixed system (VDESK) and one that would be semi-portable (ISOTOWER.) The key difference is that the ISOTOWER option includes cases, portable monitors in addition to fixed monitors, and two additional cameras for use when doing remote production work.

The Control Room is where most of the equipment will live. An overall control system based around an 8-button wall plate, a 7" semi-fixed tablet at the dais, and a fully portable iPad with AV system control as well as full remote management of the audio mixer. The handheld wireless mics are included in this section, along with a 4-channel 70V amplifier for the 8 speakers. There will be additional audio outputs on this mixer for EPISD to record audio only, and I've included a 24U rack and 1500VA UPS for the equipment here.

The Dais will have two 1:8 HDMI distribution amps, with input feeds on both ends for the total of 13 x 23" displays. Seven of those displays will be wired to allow for a simple A/B switch such that the board members can have a small PC at their location. A Dell SFF tiny system such as an Optiplex 3050

Micro or one of the Intel NUC-style systems would be ideal. There will also be another HDMI/VGA input port for the display system here, so the dais will need at least three HDBase-T cables - two for the feeds to the dais and one return line. In the parts list, we have included a 16-port PoE switch at the dais to power the microphones, allowing for less wiring back to the control room; There will be a 7" semi-fixed control tablet at the dais for AV system control. An 8-button control panel is listed here for mounting to the wall behind the dais as a backup control system.

EPISD has asked Flexile/Rushworks to find a studio type workstation/table for the person operating the system. We are currently researching this and will propose something that will have the features needed.

Flexile Systems will provide a Cisco Access Point for control communications between system components and the user interfaces. We have not determined whether this system will use the EPISD LAN environment so we have included this AP in case the decision is made to have this system reside on its own.

*Note: Flexile Systems is confident that all major components are included in this proposal. However, due to the complexity of the system and the fact that construction of this room is still ongoing we are equally confident that a small percent of this project's smaller details has been overlooked or not known at the time of this proposal. Therefore, Flexile Systems would strongly recommend that EPISD budget 10 to 15% of the project to cover those possible issues.*

This proposal includes the following:

1. Identify all locations of equipment and cable routes.
2. EPISD will sign off on user interface appearance and operation prior to installation.
3. Make all cable runs using industry's best practice.
4. Install and configure each system component.
5. Test, align and calibrate all components in the system.
6. Train EPISD personnel on how to access, administer, and maintain the system.

#### **Assumptions / Explanations**

1. EPISD will provide necessary AC power at all Identified locations that require such.
2. EPISD will provide access to the facilities during the time of install.
3. Flexile Systems will not be held responsible for any existing electrical noise issues ground hum, or any other EMI that has an effect on AV performance. We will use industry best practices to install equipment and route cable pathways.
4. Flexile Systems will assist EPISD with any warranty problems or technical issues, however we will not be held responsible for the overall performance of the system.

#### **Warranty**

For the Board Room AV System Rushworks has included 4 years of "ASAP Support". This includes 24/7 Customer Support via phone, email, and unlimited software downloads. Flexile has a 1 year workmanship warranty for the cabling and equipment installation.

The VDesk and REMO ISOTOWER come with first year support and the ability to renew yearly for \$2,154.00.

**Price:**

- |  |              |   |
|--|--------------|---|
| 1. AV System Installation and Configuration per Scope of Services: | \$121,338.12 | ✓ |
| 2. Rushworks VDesk Pro 8 and accessories                           | \$27,060.00  | → |
| 3. Rushworks REMO ISOTOWER 8 Portable and accessories              | \$33,356.00  |   |

**AUTHORIZED POINT OF CONTACT**

Eagle Pass ISD will designate an authorized employee or employees who are approved to define and commission time and materials work to be done, and to verify work that is done on Eagle Pass ISD's behalf. This person is designated below.

\_\_\_\_\_  
Name of Authorized Point of Contact

This agreement contains the entire agreement of the parties and there are no other promises or conditions in any other agreement whether oral or written (unless so noted). This agreement supersedes any prior written or oral agreement between parties. Any changes to this document shall only be honored if in writing.

**SIGNATURES*****Flexile Systems****Signature**Print**Title**Date****Eagle Pass ISD****Signature**Print**Title**Date*

## **Executive Board Room AV System with Display Scope of Work**

Flexile Systems is delighted to provide Eagle Pass ISD (EPISD) a solution for an Audio Video System to be installed in the newly renovated Executive Board Room and other smaller meeting rooms. This contract will establish the terms and conditions of the agreement, as well as expectations of performance.

This proposal is for an Extron AV system that establishes the Video input and output routing as well as provide a wireless microphone system for local voice reinforcement. All core AV components will be manufactured by Extron Electronics which is an established leader in the professional AV world, and of which EPISD has literally hundreds of similar classroom systems throughout the district. EPISD has requested a solution for a total of 5 rooms.

### **Extron AV System**

Flexile Systems proposes to provide an Extron Digital PlenumVault System. This is similar to the systems you have in your regular classrooms with two main exceptions. First, this is a digital AV system. Most source devices now days output a digital signal so conversion to analog for display is no longer necessary. Second the components of this system are virtually hidden above the drop ceiling, yet still exposed to the climate inside the room and easily accessible. This is a very un-obtrusive system. The same wall mount keypad will be provided to control ON/OFF for the display, input selection, and audio volume control. This keypad will also connect to the districts LAN providing remote control with a smart phone or tablet, as well as administrative features like security for access, and monitoring components for pro-active maintenance. This system will also work with practically any type of display like a flat panel or projector and comes with 2 flush mounted ceiling speakers. We have also included a wireless microphone system for voice audio enhancement. Flexile Systems will also run a single Cat6 network drop from the tech closet to each of the 5 rooms and connect them to the keypad controller for network communication.

Once these systems are placed on the network so the district monitoring software can connect, the system will have a 5 year hardware warranty from Extron.

### **Display**

Flexile Systems will provide and install a Newline TruTouch 65" Interactive flat panel display. (See attached datasheet) This display is native 1080p with 10 points of touch and a built-in Android OS. It also includes a 5 year advanced replacement warranty.

Flexile Systems will also provide and install a J-Tech Digital HDbiT Series Wireless HDMI Extender should users want to connect to the system wirelessly. There will also be a USB interface on the wall to connect the computer for interactivity features.

This proposal includes the following:

1. Identify all locations of equipment and cable routes.
2. Make all cable runs using industry's best practice.
3. Install and configure each system component.
4. Test, align and calibrate all components in the system.
5. Train EPISD personnel on how to access, administer, and maintain the system.

**Assumptions / Explanations**

1. EPISD will provide necessary AC power at all Identified locations that require such.
2. EPISD will provide access to the facilities during the time of install.
3. Flexile Systems will not be held responsible for any existing electrical noise issues ground hum, or any other EMI that has an effect on AV performance. We will use industry best practices to install equipment and route cable pathways.
4. Flexile Systems will assist EPISD with any warranty problems or technical issues.

**Price:**

1. Installation and Configuration per Scope of Services for a total of 5 rooms: **\$52,975.00**

**AUTHORIZED POINT OF CONTACT**

Eagle Pass ISD will designate an authorized employee or employees who are approved to define and commission time and materials work to be done, and to verify work that is done on Eagle Pass ISD's behalf. This person is designated below.

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Name of Authorized Point of Contact

This agreement contains the entire agreement of the parties and there are no other promises or conditions in any other agreement whether oral or written (unless so noted). This agreement supersedes any prior written or oral agreement between parties. Any changes to this document shall only be honored if in writing.

**SIGNATURES*****Flexile Systems******Eagle Pass ISD****Signature**Signature**Print**Print**Title**Title**Date**Date*