

# MONTGOMERY COUNTY PUBLIC SCHOOLS

Expanding Opportunity and Unleashing Potential

PROCUREMENT UNIT

**April 14, 2021**  
**ADDENDUM #1**  
**Request for Proposal, 4742.1**

Please note the following changes to and clarifications for above-mentioned Request for Proposal:

**Changes/Additions to 3.2, Equipment and Services Required, #5. Microphone**

- NO wired microphones
- FOUR wireless hand-held microphones: one for podium, two for guests to announce names of graduates and one back up.
- Provide backup gooseneck for lectern in case one is not pre-installed
- All microphones used for speaking should use a cardioid pick up pattern or head for live speakers.
- All microphones should have wind screens on them to minimize extraneous sound on field level.

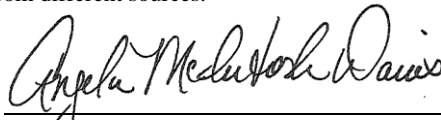
**Examples of Preferred Microphone Packs**

- Example of type of unit needed: One suggestion would be to use the Shure ULXD4Q quad channel pack. This is a terrific microphone system. The "4Q" in the name signifies that it is a 4-channel Quad pack that would come availed with (4) handheld transmitters with Beta 58a capsules (these have a supercardioid polar patterns). However they are interchangeable with standard wireless SM58 capsules (need for cardioid heads).
- Another possibility is the ULXD wireless model is the Shure QLXD, which I believe is only available in single units, so 3-4 units would be necessary (all come with a wireless handheld transmitter included). This is an excellent audio system with great sound quality, but slightly fewer radio frequency tuning options, which will provide less chance for wireless dropouts and cross-talk. Each of these kits will typically include a lavalier/belt-pack transmitter as well which can be used in place of the handheld transmitter, but the handheld option will give more headroom for higher gain-before-feedback and ultimately a more robust sound (ideal for outdoors, plus they will be less susceptible to wind noise than the lavalier counterpart).
- <https://www.shure.com/en-US/products/wireless-systems/ulx-d-digital-wireless/ulxd4q>
- <https://www.shure.com/en-US/products/wireless-systems/qlx-d-digital-wireless/qlxd4>
- <https://www.shure.com/en-IN/products/microphones/mx418>
- <https://www.shure.com/en-US/products/accessories/ua844p>

**Expansion/Clarification of Speaker/Monitor Needs**

- (Field audio) Outdoor speaker system for graduates to hear audio on the field
- (Families in stands audio) Additional speakers on the field pointed in the direction of the stands for family members seated on both sides of the field.
- Return audio speakers on primary staging area to allow guests on stage to hear "house" audio
- One additional input/output to allow for the playback of any prerecorded sound or file. This could be any type of music, instrumentals, or chorus to playback on the entire system playback. Each school would provide their own music or file to the vendor.
- Audio mixer to monitor or mix sound from different sources.

All other terms and conditions remain the same.

  
Angela McIntosh-Davis, CPPB, Team Leader  
Procurement Unit

AMD:jj

**Please indicate your receipt of this notice by signing below and return with your bid or under separate cover.**

Accepted: \_\_\_\_\_  
Name and Title

Name of Company: \_\_\_\_\_