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## *ADDENDUM*

April 12, 2023

### **ADDENDUM #1**

#### **23MISC12, FCPS Central Office Board, Studio and TV Control Rooms Upgrade**

**DUE DATE:** Prior to and no later than 10:00 A.M., April 25, 2023 at <https://secure.procurenow.com/portal/fcps>

This addendum is being issued to provide additions, corrections, clarifications and answers to certain questions raised referencing the original proposal package and any resultant contract for the above bid.

- 1) This Addendum includes the following attachments:
  - a) Revised Scope of Work
  - b) Clarifications
  - c) CAD Drawing
  - d) Control Room Layout
  - e) Studio Light Locations
  - f) Studio Light Specifications
  - g) Pre-Proposal Meeting Attendance

CAD Drawings of the first floor of FCPS Central Office have been uploaded to OpenGov.

Thank you for your interest in bidding with Frederick County Public Schools.

Sincerely,

*David Guzman*

David Guzman  
Purchasing Agent

DG/sg

cc: RFP File

## 23MISC12 Revised Scope of Work

The FCPS Board and Broadcast Control Room Replacement Project will provide staff and the community a modernized engagement experience for, but not limited to, Board of Education meetings, professional development classes, and hybrid (virtual/in-person) meetings. Below is an overview of each room.

### Control Room

- Decommission old equipment, reduce server racks
- The following equipment will be relocated prior to decommissioning to keep FCPS TV up and running during the project, then integrated into the new setup. This will be a coordinated effort between Public Affairs, Department of Technology Infrastructure, Comcast, and the selected vendor.
  - Tightrope Cablecast VIO – 3U
  - ENCO - 2U
  - Swagit - 1U
  - Comcast Fiber - 1U
  - Comcast Encoder - 1U
- Design and Reposition work area (switcher, camera control, audio board, pc, etc.) for live meetings to reduce overall footprint of the broadcast control room.
- Quiet server racks to minimize machine noise
- Replace HD router
- Necessary broadcast equipment for High-Definition (video router, converters, etc.)
- Provide HD-SDI signal with embedded audio and closed captions to Comcast
- Provide HD-SDI signal with embedded audio and closed captions to Swagit for archiving of BOE meetings
- Replace existing NewTek Tricaster and controller with newer model
  - Playback audio/video from DDR to board room
  - Ability to have virtual meetings as input on switcher to broadcast. The supported platform for video conferencing is Google Meet. As more information is provided by the Department of Technology Infrastructure (DTI) we will update what platforms are supported by FCPS.
- Integrate or replace existing Panasonic camera controller to control new cameras in board room
- Replace Cablecast hardware and software to control FCPS TV programming and bulletin board.1) The current Tightrope Cablecast VIO 2 Version 7.2.6 machine was purchased in late 2020. There is currently nothing this machine can't do that we'd like to have. However, we'd like the vendor to confirm the current machine is compatible with the upgrade to the infrastructure. If not, what Tightrope Cablecast machine would be recommended? Can Cablecast Closed Captioning be added to this device and possibly replace the ENCO EnCaption machine?
- Replace existing Yamaha audio board
  - VOG mic to communicate with board room
  - Control room audio monitoring
- Capability to record minimum 2 back-up digital files of live events in addition to recording on device used for channel programming

- TV for live feed from Comcast
- Provide room wiring diagram

### **Board Room**

- Install new audio system and rack in closet
  - 10 dais microphones are to be wired
  - 30 wireless microphones (26 conference/goosenecks, 2 hand held, 2 lapel) will be used in multiple setups.
  - Two systems utilizing same microphones; house audio and broadcast audio
  - Setups include but are not limited to; broadcasting live BOE meetings, recording in-person/hybrid staff and/or committee meetings, and recording/conducting professional developments.
  - 2 locations (dais and round table/U-shaped) needed for board meetings
  - Room needs to have auto-mode when not broadcasting for presenters (pc audio, wireless mics, lavalier)
- Replace and reposition PTZ cameras to rear of room
- Replace projectors and reposition if needed
  - The middle projector and motorized screen can be replaced with a large (97" minimum) display. The display, just like the projectors, will be need the capability to show; presentation materials from the board room computer, video playback Tricaster DDR, virtual participants in hybrid meetings, etc. Provide a cost breakout for both replacing the current projector with a new projector and the display option.
- Touchpad controller for projectors, motorized screens, and audio setups
  - Total of 3 – control room and board room (2)
- Replace/reposition presentation table
  - Computer needs connection to projectors and house audio
- Provide an option to replace the dais that will reduce clutter, enhance appearance and functionality
- Replace current setup for confidence monitors on dais with larger monitor in rear of room
- Dais wire clean up and declutter
- On-air light to indicate control is ready to go live
- Dedicated auto-mated camera(s) and system for recording and sharing meetings and/or professional developments
- Dedicated camera and system for conducting hybrid meetings
  - Room audio and camera feed to virtual participants
  - Virtual participants audio and video feed to room
- Lighting
  - Dais - front, seats, and rear wall
  - Presentation table
  - Area for photography - awards, recognitions, etc.
  - Flash system for photography
- Provide room wiring diagram

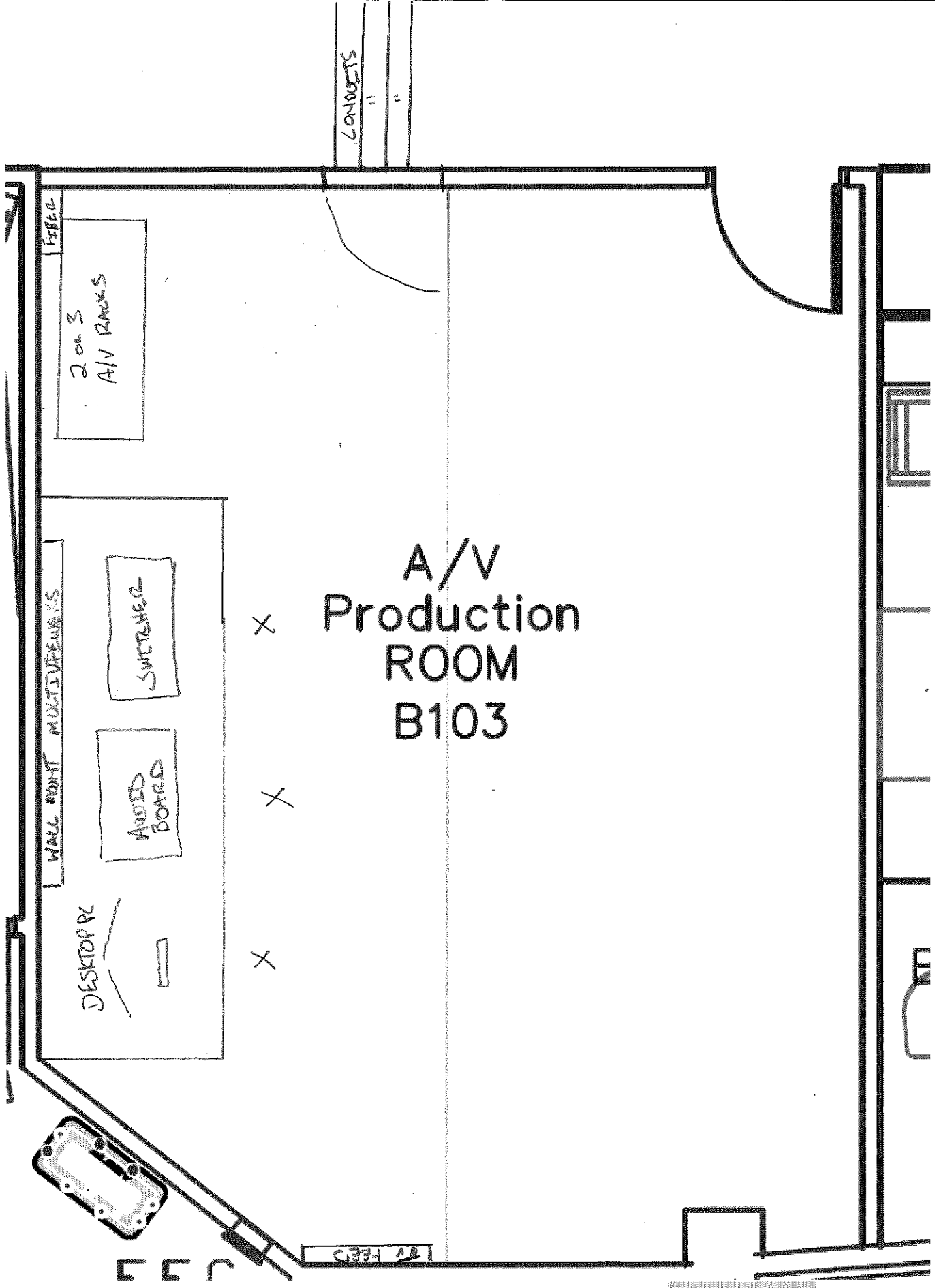
### **Studio:**

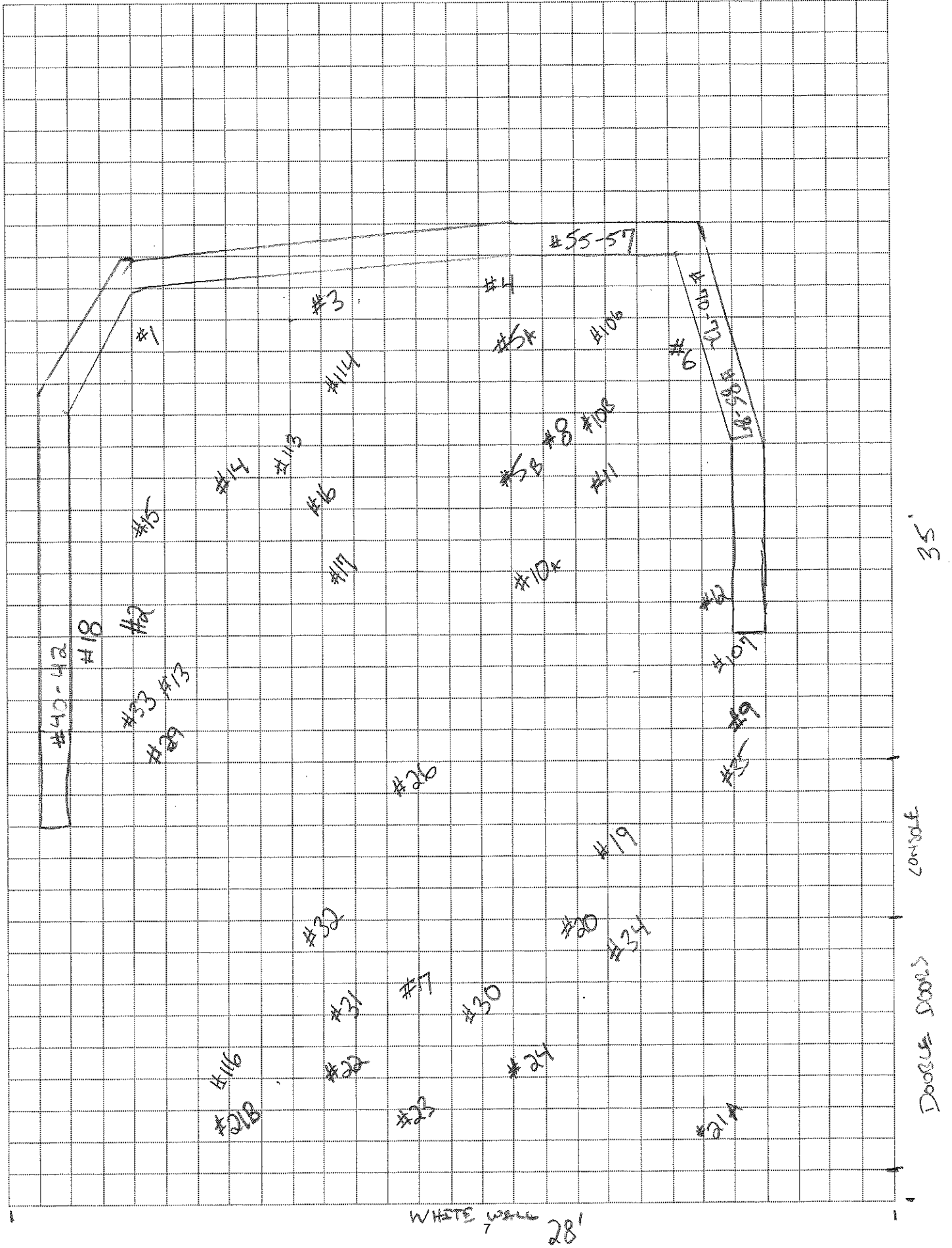
- Replace lighting controller

- Replace dimmers
- Replace current lights with more energy efficient LED lights

**23MISC12 Clarifications:**

- FCPS will perform all construction related aspects and the expectation of the vendor is to provide the material and work in communication with FCPS on where and when the work needs to be performed.
- Vendor is to provide options for a desk in the control room.
- Vendor is to provide options for a presentation table in board room with vanity cover.





Fixture Number	Manufacturer	Model
1	Primetime Lighting Systems	MSL155C-DIM-120
2	Altman	CAT#1KAF-MBP
3	Primetime Lighting Systems	MSL155C-DIM-120
4	Primetime Lighting Systems	MSL155C-DIM-120
5A	Altman	650L
5B	Altman	650L
6	Primetime Lighting Systems	MSL155C-DIM-120
7	Altman	CAT#1KAF-MBP
8	Altman	650L
9	Altman	CAT#1KAF-MPF
10A	Altman	650L
10B	Altman	650L
11	Altman	650L
12	Altman	CAT#1KAF-MBP
13	Altman	CAT#1KAF-MBP
14	Altman	650L
15	Altman	650L
16	Altman	650L
17 (Gobo)	Strand Lighting	11411
18	Primetime Lighting Systems	MSL155C-DIM-120
19	Primetime Lighting Systems	1BL255C-DIM-120
20	Altman	CAT#SKY-CYC
21A	Altman	650L
21B	Altman	650L
22	Primetime Lighting Systems	1BL255C-DIM-120
23	Altman	CAT#SKY-CYC
24	Primetime Lighting Systems	MSL155C-DIM-120
26	Kinoflo	PAR-200-120 C/Y/P
29	Altman	CAT#1KAF-MBP
30	Altman	CAT#165Q
31	Altman	CAT#1KAF-MBP



32	Primetime Lighting Systems	MSL155C-DIM-120
33	Primetime Lighting Systems	GUS-41-DMX-120-3000
34	Primetime Lighting Systems	GUS-41-DMX-120-3000
35	Primetime Lighting Systems	GUS-41-DMX-120-3000
40-42	Chauvet Professional	ColoradoBatten72tour (Type v2)
55-57	Chauvet Professional	ColoradoBatten72tour (Type v2)
70-72	Chauvet Professional	ColoradoBatten72tour (Type v2)
85-87	Chauvet Professional	ColoradoBatten72tour (Type v2)
105	Primetime Lighting Systems	MSL155C-DIM-120
106	Altman	CAT#1KAF-MBP
107	Altman	CAT#1KAF-MBP
113	Altman	CAT#1KAF-MPF
114	Altman	CAT#165Q
116	Altman	CAT#SKY-CYC
Bar 1-6	Phillips Strand Lighing	S21 (part piece #71502)
Bar 7-12	Phillips Strand Lighing	S21 (part piece #71502)
Bar 13-18	Phillips Strand Lighing	S21 (part piece #71502)
Bar 19-24	Phillips Strand Lighing	S21 (part piece #71502)
Dimmer Box 29-32	Lightronics	AS-42
Dimmer Box 105-108	Lightronics	AS-42
Dimmer Box 113-116	Lightronics	AS-42

Frederick County Public Schools  
Purchasing Department  
PRE-BID MEETING ATTENDANCE ROSTER

23MISC12, FCPS Central Office Board, Studio and Control Room Upgrade

MEETING DATE/TIME: April 11, 2023 at 1:00 P.M.

NAME (PLEASE PRINT)	FIRM REPRESENTED (PLEASE PRINT)	PHONE NUMBER	FAX NUMBER	E-MAIL ADDRESS
Dominic Cappelletti	WPS	301-942-6800	301-942-3241	Dominic.Cappelletti @wpspromv.com
John Schmidt	Audio Video Group	<del>410-330-0000</del>		John S @ Audiovideo group. com
Jason Kelly	AVG	<del>301-668-4448</del> 301-668-4448		
Kris Miller	AVG	240-671-6966	301-668- 9333	KrisM@audiovideogroup.com

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