

City of Bemidji

317 – 4th Street NW
Bemidji, MN 56601
(218) 759-3560

Addendum #1

Council Chambers Audio Visual Upgrades

Consultant Project Number: 20474

March 05, 2021



18457 Gladstone Blvd N
Maple Grove, MN 55311

**Item One
Pre-Bid Attendance**

Q: Who attended the March 2, 2021 Pre-Bid Conference?

A: In attendance of the Pre-Bid Conference were:

Michelle Miller	City of Bemidji
Jesse Robertson	City of Bemidji
Kyle Moorhead	MoreCom, Inc.
Marshall Stueven	MoreCom, Inc.
Wayne Lusthoff, II	ISpace Environments
Ben Stone	NLFX
Sam Wike	NLFX
Paul Russell	NLFX
Lee Foster	NLFX
Erik Speer	AVI Systems
Colleen Hogenson	B2G Sales
Nathan Anderson	NLFX

Action(s):

Informational item, no specific actions are noted.

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**Item Two
Finished Ceiling**

Q: Is there any attic stock of tile?

A: After the pre-bid walkthrough, the City of Bemidji has decided to install a new finished ceiling in the council chambers and lobby areas to make cabling and speaker installation more reasonable for this AV project.

Action(s):

Contractor shall coordinate with City of Bemidji on construction schedules to take advantage of the new ceiling construction.

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Item Three
Vaddio ProductionVIEW HD MV, OFE.SWT.461.01

Q: What is the Function and purpose of Vaddio controller?

A: The design intent is to provide camera control.

Q: Camera control only?

A: The design intent was to provide camera control.

Q: Any switching since there is already direct feeds into the smarthub clean switch?

A: Video switching is performed at the Program Switcher, SWT.461.01.

Q: When would program from Vaddio switch be used vs clean switch with smarthub?

A: This path was optional and will be removed from the design.

Action(s):

- Program output from the Vaddio, ProductionView HD MV, OFE.SWT.461.01 shall be eliminated
- Delete CNV.461.06, Blackmagic Design, CONVMUDCTSD/HD, Updowncross converter
- Delete CBL.461.09, Cables to Go, 42517
- Delete all cabling into and out of CNV.461.06
- Input six of the program switcher SWT.461.01 shall be left open and unused

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Item Four
Cable Drops in IT closet

Q: Do cable drops for tuners already exist in the IT closet?

A: There is/are cable television drop(s) into the building. The exact demarcation location(s) are not specified in construction drawings. Contractor shall be required to provide cable tv drops as shown in sheet T4.81 and noted on Tag Note F.

Action(s):

Informational item, no specific actions are noted.

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**Item Five
Programming**

Q: Is there a functional programming scope for what controls the Crestron is to have on each touch panel?

A: The design intent is to automate all council chambers technology systems to accommodate formal and informal meetings in chambers. This includes but no limited to: web conferencing, live and streaming broadcasts, recordings, camera automation, audio mixing, presentations, etc. Reference project manual, 00 31 17 Equipment List, Line Item 85, SFT.501.01, KodeBlu, BEM01, Crestron programming, City of Bemidji. KodeBlu has the Crestron programming prepared for this project and can provide a competitive quote to interested bidders.

Action(s):

Contractors are required to provide a complete and operational system that meets owner and consultant's requirements.

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**Item Six
Audio Mixer Controls**

Q: What is the purpose of the logic IO along with RS232 connections to the DSP?

A: The Audio Mixer or DSP (MIX.421.01) can be controlled multiple ways. Control by the Crestron system can be achieved by ethernet, or RS232. Cable for both options, Crestron programmer can choose which is desired. Programmable IO outputs are used as an indication to the Crestron system which microphones are active so camera preset(s) and/or camera switching in an automated manner can occur based on who is speaking in the room.

Action(s):

Informational item, no specific actions are noted.

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**Item Seven
Office PC**

Q: Is the intent to use the Office PC for conferencing with the ATEM interface?

A: Yes. The Office PC (OFE.PC.461.09) will be used for conferencing with the ATEM interface (SWT.461.03).

Q: Is so will all AEC be provided through the Software conferencing platform? The Lectrosionics DSP does not provide AEC without a SPNCWB.

A: The Software conferencing platform will provide AEC (acoustic echo cancelling). An external acoustic echo cancelling options is not required at this time. Contractor shall utilize the matrix table within the audio mixer (MIX.421.01) to optimize gain before feedback and minimize echo during web conferencing.

Action(s):

Informational item, no specific actions are noted.

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**Item Eight
Surge Protection**

Q: SRG.401.01 and SRG.401.02 are both defined as SX-1120-RT on T3.20, but SRG.401.02 is defined as SX-1115-RT on T4.01 and equipment list. Please confirm that SRG.401.02 is an SX-1115-RT.

A: SRG.401.02 shall be a SurgeX, SX-1115-RT. The identification on T3.20 is inaccurate.

Action(s):

SRG.401.02 as indicated on sheet T3.20 is inaccurate. Modify to read SurgeX, SX-1115-RT.

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**Item Nine
Speakers**

Q: SPK.421.03b through 07a are defined on T2.02 and the equipment list as JBL Control 47C/T, but on T4.21 are defined as Control 47HC. Please confirm, which model is required?

A: SPK.421.03b through 07a shall be JBL, Control 47HC. Consultant is aware that these speakers are sold in pairs and this configuration will result in one (1) unused 47C/T speaker.

Action(s):

Modify sheet T2.02 SPK.421.03b through 07a to show JBL, 47HC loudspeakers.

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**Item Ten
Bidirectional Converters**

Q: Lines 15-20, I believe is the incorrect model number. It says CONVBDSDIHDWPSU. It should be CONVBDC/SDI/HDMI03G/PS. With that said. Does it need to be the bi-directional version? The CONVMIC/SH03G/UPS is the SDI to HDMI single direction version and cost less.

A: The correct part number is CONVBDC/SDI/HDMI03G/PS. We require the bi-directional units as they can be swapped into and out of any position at any time. The \$16 retail cost difference between the two parts is minimal and the value is immediately realized during times of technical problems.

Action(s):

Modify all sheets and project manual equipment list to reflect any instance of CONVBDSDIHDWPSU shall now be CONVBDC/SDI/HDMI03G/PS. This includes but not limited to: CNV.461.72, CNV.461.73, CNV.461.74, CNV.461.75, CNV.461.82, and CNV.461.83.

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Item Eleven
Substitution Request: Contacta HLD9

Q: Instead of (2) Contacta HLD9 for the hearing loop, would the Amptronic D10-2, distributed by Williams AV, multiloop driver be ok? It has 2 outputs on one unit with 10 Arms per channel.

A: Yes. Williams AV product is an acceptable substitution.

Action(s):

Bidders may substitute the Amptronic D10-2, distributed by Williams AV, multiloop driver as a replacement for the two (2) Contacta HLD9. Sheet T4.21 Tag Note "E" and General notes shall not change. If there is any negative impact realized, consultant and owner reserve the right to reject the substituted product and require the specified product at no additional cost to the owner.

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Item Twelve
Substitution Request: Eaton UPS

Q: EATON UPS, would Furman or Middle Atlantic be acceptable?

A: Yes.

Action(s):

Bidders may substitute Furman or Middle Atlantic as a direct replacement for Eaton. Contractor shall provide a UPS system that offers the exact same run time, volt-amps and rack units, and outlets as the specified units. If there is any negative impact realized, consultant and owner reserve the right to reject the substituted product and require the specified product at no additional cost to the owner.

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Item Thirteen
Substitution Request: Lectrosonics SP2412

Q: Lectrosonics SP2412: (2) Crestron DSP-1281 w/Dante, or Symetrix Prism 12x12 Dante with an xIN12 through Dante. Crestron DSP-1281.

A: No.

Action(s):

Bidders shall not substitute the Lectrosonics SP2412.

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Item Fourteen
Substitution Request: Marshall CS-1040-8MP

Q: Marshall CS-1040-8MP & CV380-CS: Aida Imaging CS-0550V & GEN3G-200.

A: Yes.

Action(s):

Bidders may substitute Aida Imaging CS-0550V and GEN3G-200 as a direct replacement for the Marshall Electronics parts specified. If there is any negative impact realized, consultant and owner reserve the right to reject the substituted product and require the specified product at no additional cost to the owner.

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Item Fifteen
Substitution Request: OSD Audio

Q: OSD audio MVC100 White with Atlas Sound AT100

A: Yes.

Action(s):

Bidders may substitute the Atlas Sound AT100 as a direct replacement for the OSD Audio MVC100 part specified. If there is any negative impact realized, consultant and owner reserve the right to reject the substituted product and require the specified product at no additional cost to the owner.

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Item Sixteen
Substitution Request: Sony 65" TV

Q: Sony 65" TV with Samsung or LG?

A: No.

Action(s):

Bidders shall not substitute the Sony 65" Television specified unless at time of ordering that exact model is not able to be acquired. If that occurs, then a Sony 65" television will equal to or better than specifications shall be considered by the consultant and owner for the project.

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Item Seventeen
Substitution Request: Shure Wireless

Q: The item list says: (1) SLXD124/85-G58. This is a single receiver with a SM58 handheld, a SLXD1 bodypack and a WL185 LAV. The drawing shows (2) SLD124/85-G58. However, there is no antenna combiner. Was it meant to have the following: (1) SLXD14D dual wireless system with (2) SLXD1 bodypacks (2) WL185 lav mics? That would give us a dual receiver, (2) handhelds and (2) bodypack lavs. Then we don't need an antenna combiner.

A: Yes.

Action(s):

Bidders may substitute (1) SLXD14D dual wireless system with (2) SLXD1 bodypacks (2) WL185 lavalier mics as a direct replacement for the one (1) SLXD124/85-G58 (MIC421.15). If there is any negative impact realized, consultant and owner reserve the right to reject the substituted product and require the specified product at no additional cost to the owner.

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Item Eighteen
After Hours Site Access

Q: Will we be able to be in the building after hours to get the job done?

A: Maybe.

Action(s):

Contractors might be able to have limited scheduled access after normal business hours. However, they may not always get the days and times they request. It is up to the full discretion of the Owner to determine after hours site access. It is decided on a day-by-day and case-by-case basis. Contractor shall submit a request in writing, to the owner, allowing for a minimum of two business days' notice is minimally required for afterhours access to be considered.

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