



City of Raymore

100 Municipal Circle · Raymore, MO. 64083

Phone · 816-892-3045 · Fax · 816-892-3093

ADDENDUM NO. 1

Audio/Video System - Centerview: Project #17-263-202

All plan holders are hereby notified and agree by signature below, that the bid includes consideration of the following changes, amendments, and/or clarifications and costs associated with these changes and are included in the bid.

Addendum No. 1 - Questions and clarification

Another walkthrough has been scheduled for Tuesday, Feb 7th at 3:15 p.m. at the construction site for those interested. Please contact Kim Quade at Kquade@raymore.com if you plan to attend.

1. Question: Will the entity who designed the system be bidding on the system?

Response: Vendor was sent a bid package

2. Question: Will the entity who designed the system provide proper drawings and programming for the requested AMX control system? There isn't any detail as to what the control system needs to do, where the controller(s) should be mounted, etc.

Response: No.

3. Question: Will substitutions be accepted? Atlona consumer home theater equipment has been specified for example. We offer professional products with advanced replacement and 10 year warranties. Big difference in quality and reliability. JBL speakers, Crown amps and Soundcraft mixers were specified. Those are from the same company, Harman. If you use Harman's BSS processor, in place of the Biamp, you get an additional discount for using four brands from the same company.

Response: This request for proposal requires specific equipment and installation. No alternate equipment or installation will be accepted.

4. Question: 216MHz and 72MHz are the frequencies set aside by the FCC for ADA compliant hearing assist systems. To be compliant, you must provide a combination in ear, on ear, headset, under chin yokes and neck loops for direct to hearing aid "T-Coil" transmission. Using proper hearing assist devices in the 216 MHz band is the ONLY way in the USA to have uninterrupted use.

The consultant has specified Shure PSM900s, which are stereo in ear monitors for bands. The Shure system only operates in the 600MHz band, which is NOT protected by the FCC, meaning

it will be subject to interference from other wireless devices inside and outside of the building. Since Shure is not an ADA compliant device, it does not provide the various T-Coil neck loops required by the ADA.

You are also required by law to post placards at the main entrance. Shure does not provide these.

Can we substitute the correct ADA Compliance Kit?

Response: Addendum includes new specs for ADA Compliant Listen System

5. Question: There are numerous wall plates mentioned. Are the wall plates, single gang, two gang? What finish is required? Shall they have laser etched labels? Are there any panel numbers to be added? Etc.

Response: See answer Question 12.
Panel numbers? As built and system programming information must be provided to the City.

6. Question: Do the speakers need to be painted.

Response: No

7. Question: Projection screen make, model, aspect ratio and dimensions?

Response: PREMIER ELECTRIC SCREEN
PART# Z531386-1
172 1/4" DIAGONAL CUSTOM HDTV (16:9)
XT1000V MATT WHITE
VIEWING AREA:84 1/4H X 150W
TOTAL TOP DROP = 12" BLACK
*SMALL BLACK CASE 172 1/2" OVERALL LENGTH
115 VAC MOTOR *HOOK UP LEFT
WITH BUILT-IN LVC-IV
121225 LVC-SWITCH

8. Question: Projector mount make, model and provided accessories?

Response: Draper 300198 Micro Projector Lift

9. Question: Please confirm that the ceiling fans shown in the drawings will be installed?

Response: Yes

10. Question: Regarding mounting locations for the ceiling speakers. Lighting fixtures are to be mounted to the bottoms of the trusses. Was it your intention to place the speakers between the lighting fixtures, or to the side of the lighting fixtures?

Response: Plan is for speakers to be mounted to the bottom of the truss.

11. Question: If the speakers are to be placed between the lighting fixtures, is the stock black color acceptable?

Response: White speakers are preferred.

12. Question: When I asked about these in the pre-bid meeting, they were said to be for the video wall inputs. However, the Atlona AT-HDVS-200TX-WP are wall-mount switchers, with all of the video inputs. So, these custom panels must be for analog microphone inputs?

Response: The Atlona AT-HDVS -200TX-WP are wall mount switches. After further review it is advised there are no custom panels.

NOTE: Drawings are attached.

New Appendix A (specifications) will replace pages 12, 13 and 14 of original RFP.

APPENDIX A
SCOPE OF SERVICES AND SPECIAL PROVISIONS

Audio/Video System - Centerview

A mandatory pre bid meeting is scheduled for February 2, 2017 at 9:00 a.m. and February 3, 2017 at 9:00 a.m. at the Raymore Municipal Complex located at 100 Municipal Circle, Raymore, Missouri, 64083. All bidders must attend one meeting.

PROJECT SUMMARY:

The City of Raymore invites qualified vendors to submit responses to this request for proposal for installation of a high quality Audio/Video system in the new Centerview facility

This project will be installed in the Centerview facility now under construction. Estimated completion date for this facility is late spring 2017. The Centerview facility is located at 227 Municipal Circle, Raymore Missouri.

1. SPECIFICATIONS WHICH APPLY

SCOPE OF WORK

The City is seeking a qualified vendor to provide and install a high quality Audio/Video system.

This request for proposal requires specific equipment and installation. No alternate equipment or installation will be accepted. Proposal shall include:

- Provide a listing of all labor and materials to install the complete audio video system.
- Provide testing and adjustments after the installation.
- Provide training for the new system after installation.
- Provide the City with support for manufacturer warranties for service. during the warranty period, and also provide the City with service support labor rates.
- Provide all operating manuals for the new equipment installed.

REQUESTED CONFIGURATION AUDIO VIDEO SYSTEM

Projector System

- 3 Epson G7500U WUXGA 6500 lumens projector
- 3 Chief RPAU Universal Projector mount
- 3 Chief CMS-003 3" pipe
- 3 Atlona AT-HDVS-200TX-wp HDMI/VGA/Audio extender over Cat6
- 3 Atlona AT-HDVS-200RX HDMI Cat6 receiver
- 1 Atlona AT-UHD-PRO3-66M 6 X 6 HDMI extender matrix switcher
- 4 Atlona AT-UHD-EX-100CE-RX HDMI Cat6 Receiver
- 1 HDMI Cable pack
- 3 Hook up cable pack from equipment to wall plate
- 1 West Penn Cat6 Cable

- 1 Middle Atlantic ERK-2725 config Rack mount for the equipment
- Misc. equipment needed for install

Sound System

- 33 JBL Control 31 Speaker
- 1 Crown CDi4000 amplifier
- 1 Crown CDi6000 amplifier
- 1 Biamp Tesira Forte AI Mixer/DSP
- 1 JBL 2120Z Amp
- 4 Shure SLX124/85/SM58 wireless mic system combo Handheld and lapel
- 8 Shure MX418DS tabletop gooseneck microphones
- 8 HOSA CMK-050 Microphone pre made cables
- 1 Hosa ATT-448
- 1 Soundcraft Signature 12 12 input mixer
- 2 XLR wall plates
- 2 West Penn 226 14 Gauge speaker wire
- 1 Mics wire packager
- Misc. equipment needed for install

LCD

- 2 LG 65UH6550 65" 4K LCD
- 2 Chief RXF2 heavy duty wall mount
- 1 cable pack for conference room LCD
- 1 Atlona AT-UHD-EX100CE Kit HDMI extender over Cat6
- 1 Cat6 Cable
- 1 custom Wall plate
- Misc. equipment needed for install

Control System

- 2 AMX MXD-700 Wired Control Panel
- 1 POE Ethernet Switch
- 1 AMX NX3200 Control system
- 1 AMX PSR4.4 power supply
- 2 AMX UPC20+ relay control
- 1 AMX EXB-REL8 Relay
- 1 Cat5 Package
- 1 serial Cable

ADA Compliant Assisted Listening System Requirement Addendum

Listen Technologies Corporation

- 2 Stationary RF Transmitter (72 MHz) (North America)
- 2 Antenna Kit for Rack Mount (72 MHz)
- 2 Universal Rack Mounting Kit
- 16 Intelligent DSP RF Receiver (72 MHz)

- 16 Universal Ear Speaker
- 4 Intelligent Earphone/Neck Loop Lanyard
- 2 Intelligent 12-Unit Charging Tray
- 2 Intelligent Cable Management Unit
- 2 USB to Micro USB Cable
- 2 Assistive Listening Notification Signage Kit

Ethernet Network Cabling

Vendor will provide 2 ea Category 6 network cable drops from 17 locations per the attached plans. Cables will be terminated to vendor provide Category 6 RJ-45 jacks and ran to the telecom IT closet and terminated to a vendor provided patch panel.

In addition 2 ea network drops will be required in the community room along the ceiling at locations to be determined.

City will be responsible from patch panels to switch.

Miscellaneous equipment needed for install

Any other questions regarding this proposal shall be submitted to Kim Quade, CPPB by e-mail at kquade@raymore.com or by phone at (816) 892-3045. There will be no questions allowed after February 10, 2017 at 5 p.m.

I hereby certify that the above have been considered and associated costs have been included in this bid.

Company Name: _____

By: _____

Title: _____

Address: _____

City, State, Zip: _____

Date: _____ Phone: _____

Signature of Bidder: _____

ADDENDUM MUST BE SUBMITTED WITH BID



GENERAL POWER NOTES

1. REFER TO GENERAL NOTES ON MEP COVER SHEET FOR ADDITIONAL REQUIREMENTS OF WORK.
2. COORDINATE EXACT NEMA CONFIGURATIONS OF RECEPTACLES SERVING EQUIPMENT WITH EXACT EQUIPMENT BEING FURNISHED.
3. EXACT MECHANICAL EQUIPMENT LOCATIONS MAY NOT BE SHOWN FOR CLARITY. COORDINATE EXACT LOCATIONS OF ALL MECHANICAL EQUIPMENT, DUCT DETECTORS, ETC. WITH MECHANICAL DRAWINGS AND CONTRACTOR.
4. COORDINATE EXACT LOCATIONS OF SMOKE DETECTORS WITH CEILING FANS, HVAC DIFFUSERS, SPRINKLER HEADS, ETC. PER NFPA REQUIREMENTS.

POWER PLAN KEYED NOTES

- 1 REFER TO SITE PLAN FOR CONTINUATION.
- 2 PROVIDE MONITORING OF FIRE SPRINKLER SYSTEM. COORDINATE QUANTITY OF DEVICES WITH FIRE SPRINKLER CONTRACTOR.
- 3 PROVIDE ELECTRICAL CONNECTION TO PROJECTION SYSTEM MOTORIZED LIFT AND ASSOCIATED UP/DN CONTROL.
- 4 PROVIDE RECESSED FLOORBOX (WIREMOLD REF2 SERIES). PROVIDE 3/4" CONDUIT FOR POWER AND 1-1/4" FOR COMMUNICATIONS. PROVIDE DUPLEX RECEPTACLE AND COMMUNICATIONS MOUNTING PLATE. FINISH BY ARCHITECT. PROVIDE CARPET FLANGE IN CARPETED AREAS.
- 5 PROVIDE ELECTRICAL AND FIRE ALARM CONNECTION TO KH-1 HOOD.
- 6 PROVIDE ELECTRICAL CONNECTION TO MOTOR OPERATED SCREEN. PROVIDE ASSOCIATED UP/DN CONTROLS.
- 7 PROVIDE (4) 1-1/4" CONDUITS STUBBED FROM STORAGE ROOM INTO CEILING OF OFFICE AREA FOR FUTURE POWER/COMM NEEDS.
- 8 NEMA 14-50R RECEPTACLE WITH 3#6, #10G, 1" TO 2P-50A CIRCUIT BREAKER IN INDICATED PANEL.
- 9 PROVIDE ELECTRICAL CONNECTION TO NAT GAS FIRE PIT CONTROLLER. COORDINATE EXACT REQUIREMENTS WITH EQUIPMENT.
- 10 PROVIDE ELECTRICAL CONNECTIONS TO MOTOR OPERATED SHADES. COORDINATE EXACT REQUIREMENTS WITH SHADE PROVIDER.
- 11A PROJECTOR LIFT, OPERABLE SCREEN, FAN, AND OPERABLE SHADE CONTROL LOCATION FOR WEST SIDE OF COMMUNITY ROOM.
- 11B PROJECTOR LIFT, OPERABLE SCREEN, FAN, AND OPERABLE SHADE CONTROL LOCATION FOR EAST SIDE OF COMMUNITY ROOM.
- 12 PROVIDE 1" CONDUIT FROM OUTLET TO IT ROOM.

OWNER:
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CONTACT: MIKE KRASS

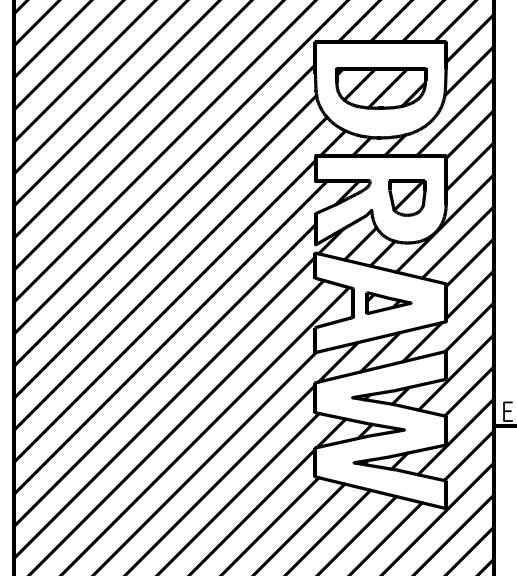
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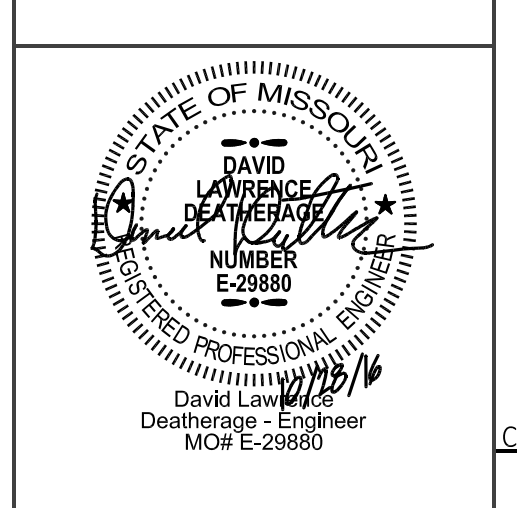
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**RAYMORE
MUNICIPAL CENTER**

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ORIGINAL DRAWINGS SCALE TO 3/4" = 1'-0" SH-SHEET

REVISION IN CHANGE
D DEATHERAGE
PROJECT TEAM MEMBERS
S STOBIN



NO.	RELEASE	DATE
100% CDs		2016.10.28
ADDENDUM 3		2016.09.23
100% BID DOCUMENTS		2016.09.09

POWER - FLOOR PLAN

E200



POWER - FLOOR PLAN
1/8" = 1'-0"

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