

Request for Proposal

Minnesota Senate Audio System Evaluation

Legislative Coordinating Commission on Behalf of the Minnesota Senate

May 20, 2024

Section 1: Overview

On behalf of the Minnesota Senate (Senate), the Office of the Legislative Coordinating Commission (LCC), a nonpartisan office of the Minnesota Legislature, requests proposals from qualified vendors to evaluate the Minnesota Senate's audio system, and provide options and budget estimates for upgrades or a replacement system. This audio system supports activities of the Minnesota Senate in the Senate chamber and in committee rooms in the Minnesota Senate Building and the Minnesota Capitol. A general scope of the current audio system can be found in this document in Section 8: Appendix.

The successful vendor will work closely with Senate staff in the offices of the Secretary of the Senate, the Sergeant at Arms, the Senate IT Office, and Senate Media Systems. Examples of work to be performed may include evaluating the current audio system, assessing the functionality and reliability of the system's components, and developing cost estimates for replacement of components or the entire system.

Responses to this RFP are due by July 9, 2024. Each response must contain the following, as further detailed in Section 3: RFP Content:

1. Transmittal Cover Letter
2. Technical proposal (detailed description of the proposer's plan to implement the project and accomplish the work identified in the RFP)
3. Past Project Experience and Relevant References
4. Background and Qualifications
5. Accessibility Standards
6. Other Services, if applicable
7. Cost Estimates

Section 2: Summary of Scope and Objectives

This RFP requests consultant proposals to evaluate the audio system of the Minnesota Senate and make recommendations to upgrade or replace that system. The audio system supports legislative activities of the Minnesota Senate, including:

- Floor sessions
- Committee hearings
- Hearings of legislative commissions and councils
- Press conferences and other media availabilities

Legislative offices make live events and recordings available to the public, both in the short term and for archival purposes.

Implementing changes to the system must include compliance with the [State of Minnesota Accessibility Standards](#).

The LCC and Senate will consider other options identified by the consultant.

The consultant's assistance will include the following:

1. Conduct a comprehensive evaluation of the current audio system hardware and the system's ability to reliably support deliberations in the Senate chamber in the Capitol and Senate committee hearings in the Minnesota Senate Building and the Minnesota Capitol.
2. Identify components of the system that should be updated, or if needed, a replacement system.
3. Consult with the Project Manager under contract with the LCC to manage the replacement of the Legislature's broadcasting system to determine what impacts and issues that project may have on the Senate's audio system.
4. Prepare a report summarizing the consultant's findings regarding the current system.
5. If needed, and as determined in its report, develop a bid to upgrade or replace any components of the audio system, or, if needed, a new audio system. The report must specify all components that are needed and their respective price estimates.

Section 3: Proposal Content

A proposal to provide project consulting services in response to this request must contain the following:

1. Transmittal Cover Letter
 - a. Indication of intent to respond to this RFP and acknowledgement of all terms, conditions, and specifications.
 - b. Summary of the prospective bidder's understanding of the project and its ability to perform the requested services.
 - c. Contact information.
 - d. Signature and date.
2. Technical Proposal: Detailed description of the proposer's plan to manage the project and accomplish the work identified in the RFP.

- a. Overall project approach.
 - b. Proposed objectives, scope, and responsibilities of the prospective proposal submitter.
 - c. Proposed Timeline: realistic schedule detailing the key tasks and milestones.
 - d. Statement that clearly identifies the obligations and responsibilities required of Senate and LCC staff, in order to meet the timeline for the project.
3. Past Project Experience and Relevant References
- a. Prospective submitters must provide contact information of at least three reference organizations for which the prospective bidder has provided similar services in the past ten years that the LCC or Senate may contact.
 - i. Organization name, phone number, and address.
 - ii. Organization contact, including name, title, phone number, and email address.
 - iii. Description of services provided.
 - iv. Date service was fulfilled.
 - b. If there are any demonstration materials of other clients utilizing a similar suite of services provided by the prospective bidder, the prospective bidder may provide links and information detailing similar deliverables.
4. Background and Qualifications
- a. Organization Background:
 - i. General overview of the organization, including the number of employees and service offerings.
 - ii. History, including year established.
 - iii. Qualifications and experience in providing project consulting services similar in size and scope to the project identified in this RFP – particularly those clients that are government or legislative entities.
 - b. State of Minnesota Experience:
 - i. General overview of contracting history with the House, Senate, LCC, State of Minnesota, and/or any affiliated parties.
 - ii. Identification of current contracts with the House, Senate, LCC, State of Minnesota, and/or any affiliated parties.
5. Accessibility Standards
- a. Identify experience modifying technology for compliance with the [State of Minnesota Accessibility Standards](#).
 - b. The State of Minnesota requires all information and communication technology (ICT) to conform to the [State of Minnesota Digital Accessibility Standard](#), which complies with Section 508 of the federal Rehabilitation Act of 1973 and Web Content Accessibility Guidelines 2.0. Your answers to the following questions attest to your ability to ensure that the State fulfills its legal and operational responsibilities.
 - i. Describe how you ensure that your staff and contractors have the knowledge and skills to ensure that all materials are accessible within the scope of the project.

- ii. Describe your approach to ensuring Accessibility (e.g., strategy, tools, design, testing, ongoing validation). Include if/how you incorporate Accessibility into your development process (e.g., requirements, design, development, testing, maintenance, bug prioritization).
 - iii. Provide links to websites or copies of documents or access to other examples of ICT work your organization had produced that meet accessibility standards. The materials must be relevant to the services and/or technical skills called for in this solicitation.
- 6. Other Services, if applicable
 - a. Any information and services that may not have been included in the scope of work outlined in this RFP but that the prospective submitter deems of potential interest to the LCC or Senate. These services must contain a subsequent cost estimate.
- 7. Cost Estimates
 - a. Detailed cost proposal outlining all fees and other anticipated costs, including breakdowns by type of services provided (as appropriate) and type of cost inputs (e.g., labor, travel) within the service categories. Amounts quoted should be indicative of a best estimate anticipated amount, but amounts could also reference potential costs within low to high ranges as appropriate.
 - b. Please note the following mandatory payment terms of any contract resulting from this RFP, as further provided in Section 7: General Terms and Conditions:
 - i. The payments to the contractor are the sole compensation for services. Payment of federal income tax, FICA payments, and state income tax for any of the contractor's employees is the responsibility of the contractor.
 - ii. The contractor will invoice for services provided at periodic intervals and in an agreed format as negotiated.

Section 4: Eligibility, Evaluation Procedure, and Timeline

Eligible Applicants

This RFP is open to all entities possessing the appropriate capabilities, qualifications, and experience. The LCC and Senate may prefer an entity that has worked with and is familiar with the Minnesota Legislature, however this is not a requirement of prospective proposal submitters.

The organization selected under this RFP may submit a proposal in response to the potential subsequent RFP regarding providing hardware and/or install the systems generally described in this RFP. However, in the event a subsequent RFP is issued, such contract(s) awards will be based on its assessment of the merits of each of the proposals that are submitted.

Consideration of Proposals

The LCC and the Senate reserves the right to reject any or all proposals, the right to waive any irregularity, the right to enter into a contract that varies from the specifications or general conditions provided herein, and the right to negotiate at any time with those that submit proposals or with any other party. The LCC and the Senate will not necessarily select the proposals that offer the lowest price; the LCC and Senate reserves the right to consider price, quality, reliability, convenience, and any other factors that the LCC and Senate deems relevant.

Timeline

May 20, 2024: RFP issued
June 14, 2024: Optional on-site meeting and tour for prospective proposal submitters (Details for this event will be posted at <https://www.lcc.mn.gov/RFPs.html>)
June 24, 2024: Deadline for questions.
June 28, 2024: Date LCC posts answers to prospective proposal submitters questions
July 9, 2024: Proposal submission deadline

Other information

The on-site meeting and tour will be held at:
10:00 am, June 14, 2024
Capitol Room G23, Minnesota Capitol
75 Rev. Dr. Martin Luther King Jr. Blvd
St Paul, MN 55155

If attending, please RSVP to: Megan Voelke, megan.voelke@lcc.mn.gov, office direct: 651-296-0099.

Any additional information regarding this project will be posted to the LCC website: <https://www.lcc.mn.gov/RFPs.html>

Section 5: Questions Regarding this Request for Information

All questions regarding the RFP must be submitted by 11:59PM CT on June 24, 2024. Questions are to be submitted by email to:

Michelle Yurich
Executive Director
Legislative Coordinating Commission
michelle.yurich@lcc.mn.gov

This is the only person designated to answer questions regarding this RFP by interested prospective submitters. Following the deadline for questions, a list of all timely questions received from all respondents will be compiled and responses will be provided by 5:00PM CT on June 28, 2024. Responses will be posted at <https://www.lcc.mn.gov/RFPs.html>

Section 6: Bid Instructions and Due Date

Proposals must be received by the LCC by 11:59PM CDT, July 9, 2024. Electronic submission is preferred. Electronic documents can be e-mailed to the address below. Proposals are to be submitted to:

Attn: Michelle Yurich
Michelle.yurich@lcc.mn.gov
Re: Proposals for Minnesota Senate Audio System Evaluation
Legislative Coordinating Commission
658 Cedar St.
St. Paul, MN 55155

Proposals must be received by the specified deadline. Late submissions may not be accepted. All expenses incurred in responding to this request shall be borne by the responder.

All information provided in proposal submissions must remain valid and open for acceptance in all respects for a minimum period of 84 days after the deadline for submission.

Section 7: General Terms and Conditions

The LCC or the Senate intend to enter a contractual agreement with the selected responder. All proposals in response to this RFP are subject to the following general terms and conditions:

- A.** "LCC" means the Minnesota Legislative Coordinating Commission. In matters arising out of this proposal or out of any resulting contract, the authorized agent for the LCC is the Chair of the Legislative Coordinating Commission or the Executive Director of the Legislative Coordinating Commission.

- B.** The LCC or Senate reserve the right to reject any and all consultant proposals received as a result of this Request for Proposals, or to negotiate separately with any consultant in any manner necessary.
- C.** Proposals will be received and considered in accordance with Minnesota Statutes, Section 13.591, subdivision 3, Business as Vendor, paragraph (b) which provides as follows:

“(b) Data submitted by a business to a government entity in response to a request for proposal, as defined in section 16C.02, subdivision 11, are private or nonpublic until the time and date specified in the solicitation that proposals are due, at which time the name of the responder becomes public. All other data in a responder's response to a request for proposal are private or nonpublic data until completion of the evaluation process. For purposes of this section, "completion of the evaluation process" means that the government entity has completed negotiating the contract with the selected vendor. After a government entity has completed the evaluation process, all remaining data submitted by all responders are public with the exception of trade secret data as defined and classified in section 13.37. A statement by a responder that submitted data are copyrighted or otherwise protected does not prevent public access to the data contained in the response.

If all responses to a request for proposal are rejected prior to completion of the evaluation process, all data, other than the names of the responders, remain private or nonpublic until a resolicitation of the requests for proposal results in completion of the evaluation process or a determination is made to abandon the purchase. If the rejection occurs after the completion of the evaluation process, the data remain public. If a resolicitation of proposals does not occur within one year of the proposal opening date, the remaining data become public.”

- D.** The LCC or Senate reserve the right to require a consultant to make an oral presentation of its proposal to the LCC or Senate to permit a better understanding of the specifics of a consultant’s proposal.
- E.** The LCC and Senate are not responsible for any cost incurred by the consultant in responding to this Request for Proposals.
- F.** Payment for any contract entered into as a result of the Request for Proposals will be made on a negotiated periodic basis after receipt of billings accompanied by the appropriate verification of work time and satisfactory completion of tasks to billing date. In accordance with Minnesota Statutes 3.225, subdivision 6, paragraph (b), no more than 90 percent of the amount due under the contract may be paid until the authorized agents have certified that the consultant has satisfactorily fulfilled the terms of the contract.

- G.** All contractors and subcontractors must conform to the labor laws of the State of Minnesota, and to all other laws, ordinances and legal requirements affecting the work in this state. The consultant must conform with and agree to the provisions of Minnesota Statutes, Section 181.59, which prohibits discrimination in the hiring of labor by reason of race, creed, or color. That statute reads as follows:

181.59 DISCRIMINATION ON ACCOUNT OF RACE, CREED OR COLOR PROHIBITED IN CONTRACT.

Every contract for or on behalf of the State of Minnesota, or any county, city, town, township, school, school district, or any other district in the state, for materials, supplies, or construction shall contain provisions by which the contractor agrees:

- 1) That, in the hiring of common or skilled labor for the performance of any work under any contract, or any subcontract, no contractor, material supplier, or vendor, shall, by reason of race, creed, or color, discriminate against the person or persons who are citizens of the United States or resident aliens who are qualified and available to perform the work to which the employment relates;
- 2) That no contractor, material supplier, or vendor, shall, in any manner, discriminate against, or intimidate, or prevent the employment of any person or persons identified in clause (1) of this section, or on being hired, prevent, or conspire to prevent, the person or persons from the performance of work under any contract on account of race, creed or color;
- 3) That a violation of this section is a misdemeanor; and
- 4) That this contract may be canceled or terminated by the state, county, city, town, school board, or any other person authorized to grant the contracts for employment, and all money due, or to become due under the contract, may be forfeited for a second or any subsequent violation of the terms or conditions of this contract.

- H.** In accordance with Minnesota Statutes, section 176.182, the consultant must provide acceptable evidence of compliance with the workers' compensation insurance coverage requirement of Minnesota Statutes, section 176.181, subdivision 2.

- I.** Under Minnesota Statutes, section 363A.36, if the amount of this contract exceeds \$100,000 and the consultant has employed more than 40 full-time employees in this state or in the state in which the consultant has its primary place of business on a single day in the 12 months prior to the execution of the contract, the consultant must have a workforce certificate from the Minnesota Department of Human Rights or have certified in writing that it is exempt by the Minnesota Department of Human Rights.

As required under Minnesota Rules, part 5000.3600, subpart 9: It is hereby agreed between the parties that Minnesota Statutes, section 363A.36, and Minnesota Rules, parts 5000.3400 to 5000.3600, are incorporated into any contract between these parties based upon this specification or any modification of it. A copy of Minnesota Statutes, section 363A.36 and Minnesota Rules, parts 5000.3400 to 5000.3600 are available upon request from the contracting agency.

- J.** As required by Minnesota Statutes, section 270C.65 subdivision 3, a consultant must provide either its federal taxpayer identification number, its Social Security number, or its Minnesota tax identification number (if applicable). This information may be used in the enforcement of federal and state tax laws. Supplying these numbers could result in action to require consultant to file state tax returns and pay delinquent state tax liabilities. This contract will not be approved unless these numbers are provided. These numbers will be available to federal and state tax authorities and state personnel involved in approving the contract and the payment and audit of state obligations. These numbers will not be made available to any other person without the express written permission of the consultant.
- K.** The Contractor certifies its compliance with Minnesota Statutes, chapter 3, including the non-discrimination provisions of Minnesota Statutes, section 3.226, in the execution and performance of this Contract.
- L.** All work products and interim and final reports prepared by the consultant in the performance of its obligations under this agreement are the property of the LCC and Senate and must be remitted upon completion or termination of this agreement. The consultant must not use, willingly allow the use of, or cause to have the materials used for any purpose other than performance of the obligations under this agreement without the prior written consent of the LCC or Senate.
- M.** Work must begin within the timeframe set in the signed contract between the LCC or Senate, and the consultant. The signed contract will terminate upon full performance by all parties of the contract agreement.

Section 8: Appendix: Attached list of components of Senate audio system.

Section 1.0 - Hearing Room 1200 AV System			
A. Hearing Room #1200			
ID #	Section	Description	Qty
1-A-1	CP3N	Crestron CP3N Contol System	1
1-A-2	TSW-752-B-S	Crestron 7" Touch Screen	1
1-A-3	DM-TX-201-C	Crestron DM 8G Transmitter	2
1-A-4	DM-RMC-SCALER-C	Crestron DM 8G Scaling Receiver	6
1-A-5	DM-MD8x8	Crestron 8x8 Digital Media Switcher	1
1-A-6	DMC-DVI	Crestron DVI/RGB Input Card	2
1-A-7	DMC-C-DSP	Crestron Digital Media 8G+ Input Card	2
1-A-8	DMC-4K-CO-HD	Crestron DM 8G output Card	4
1-A-9	DMC-STRO	Crestron H.264 Streaming Output Card	1
1-A-10	UHBX-3S	Hall Research 1x3 HD-BaseT Splitter	2
1-A-11	5099-001	Contemporary Research 232-ATSC+1 HDTV Tuner	1
1-A-12	5008-001	Contemporary Research RK1 Single Rack Kit 1 RU	1
1-A-13	BEM-2	Ensemble Designs Bright Eye Mito HD/SD Scan Converter	1
1-A-14	ID-DS0611-S1	SIIG USB over IP Device Server	1
1-A-15	CORE 250i	QSC Core 250i	1
1-A-16	CDN64	QSC Dante Bridge Card 64x64	1
1-A-17	I/O Frame 8S	QSC 8 Slot I/O Frame	1
1-A-18	CIML4	QSC 4 Channel Mic/Line Input Card	9
1-A-19	COL4	QSC 4 Channel Output Card	2
1-A-20	CXD4.3Q-xx	QSC 4 Channel Amp	1
1-A-21	gBox	JLCooper Electronics GPI Interface 48x48	1
1-A-22	920394	JLCooper Electronics Ethernet Interface card for gBOX	1
1-A-23	ES915C12	Audio Technica Cardioid Condenser Gooseneck Microphone 12" Long	27
1-A-24	ATW-R2100A	Audio Technica Wireless Reciever	2
1-A-25	AT8630	Audio Technica Joining Plate	1
1-A-26	ATW-T210A	Audio Technica Body Pack Transmitter	1
1-A-27	AT829CW	Audio Technica Lavalier Microphone - Cardioid Pickup Pattern	1
1-A-28	ATW-T220A	Audio Technica Handheld Microphone Transmitter	1
1-A-29	ATW-CHG2	Audio Technica Two Bay Recharging Station	1
1-A-30	AC100	Audio Technica RG59 50OHM Cable	2
1-A-31	ATW-49SP	Audio Technica Antenna Splitters	2
1-A-32	ATW-A3C	Audio Technica 1/2 Wave Omni Antennas	2
1-A-33	PLA DL210 SYS 2	Williams Sound Loop System	1
1-A-34	DN-700R	Denon Professional Solid State Recorder	1
1-A-35	2010.9096	Barix Exstreamer 500	1
1-A-36	2007.9082	Barix Rack Kit	1

Section 1.0 - Hearing Room 1200 AV System			
A. Hearing Room #1200			
ID #	Section	Description	Qty
1-A-37	D8-FO	Community Series-D 8" Face Only Ceiling Speakers	12
1-A-38	D8-BC	Community Series-D 8" Back Can Assembly	12
1-A-39	D8-NCB	Community Series-D 8" New Construction Bracket	12
1-A-40	D8	Community Series-D 8" Ceiling Speakers	20
1-A-41	PT-DZ16K	Panasonic WUXGA 16,000 Lumens Projector	2
1-A-42	ET-D75LE20	Panasonic Zoom Lens 1.7-2.4:1	2
1-A-43	ET-PKD510H	Panasonic Projector Mount	1
1-A-44	Custom	Da-Lite custom curved screen	2
1-A-45	ED55D	Samsung 55" LED Display	3
1-A-46	TS318SU	Chief Thin Swing Arm	3
1-A-47	WRK-44SA-27	Middle Atlantic 44RU 27" Deep Equipment Rack w/ Rear Door	1
1-A-48	MW-VT	Middle Atlantic Vented Top	1
1-A-49	CBS-WRK-27	Middle Atlantic WRK-27 Caster Base	1
1-A-50	WL-60	Middle Atlantic Magnetic Work Light	1
1-A-51	AP8930	APC ZeroU Switched Rack PDU	1
1-A-52	SMT2200RMUS	APC Smart-UPS 220VA 20AMP 2RU UPS	2
1-A-53	AP9618	APC UPS Network Management card w/ Enviromental Monitoring	1
Hearing Room 1200 AV System Sub-Total			

Section 2.0 - Hearing Room 1150 AV System			
A. Hearing Room #1150			
ID #	Section	Description	Qty
2-A-1	CP3N	Crestron CP3N Contol System	1
2-A-2	TSW-752-B-S	Crestron 7" Touch Screen	1
2-A-3	DM-TX-201-C	Crestron DM 8G Transmitter	2
2-A-4	DM-RMC-SCALER-C	Crestron DM 8G Scaling Receiver	5
2-A-5	DM-MD8x8	Crestron 8x8 Digital Media Switcher	1
2-A-6	DMC-DVI	Crestron DVI/RGB Input Card	2
2-A-7	DMC-C-DSP	Crestron Digital Media 8G+ Input Card	2
2-A-8	DMC-4K-CO-HD	Crestron DM 8G output Card	4
2-A-9	DMC-STRO	Crestron H.264 Streaming Output Card	1
2-A-10	UHBX-3S	Hall Research 1x3 HD-BaseT Splitter	2
2-A-11	5099-001	Contemporary Research 232-ATSC+1 HDTV Tuner	1
2-A-12	5008-001	Contemporary Research RK1 Single Rack Kit 1 RU	1
2-A-13	BEM-2	Ensemble Designs Bright Eye Mito HD/SD Scan Converter	1
2-A-14	ID-DS0611-S1	SIIG USB over IP Device Server	1
2-A-15	CORE 250i	QSC Core 250i	1
2-A-16	CDN64	QSC Dante Bridge Card 64x64	1
2-A-17	I/O Frame 8S	QSC 8 Slot I/O Frame	1
2-A-18	CIML4	QSC 4 Channel Mic/Line Input Card	9
2-A-19	COL4	QSC 4 Channel Output Card	2
2-A-20	CXD4.3Q-xx	QSC 4 Channel Amp	1
2-A-21	gBox	JLCooper Electronics GPI Interface 48x48	1
2-A-22	920394	JLCooper Electronics Ethernet Interface card for gBOX	1
2-A-23	ES915C12	Audio Technica Cardioid Condenser Gooseneck Microphone 12" Long	27
2-A-24	ATW-R2100A	Audio Technica Wireless Reciever	2
2-A-25	AT8630	Audio Technica Joining Plate	1
2-A-26	ATW-T210A	Audio Technica Body Pack Transmitter	1
2-A-27	AT829CW	Audio Technica Lavalier Microphone - Cardioid Pickup Pattern	1
2-A-28	ATW-T220A	Audio Technica Handheld Microphone Transmitter	1
2-A-29	ATW-CHG2	Audio Technica Two Bay Recharging Station	1
2-A-30	AC100	Audio Technica RG59 50OHM Cable	2
2-A-31	ATW-49SP	Audio Technica Antenna Splitters	2
2-A-32	ATW-A3C	Audio Technica 1/2 Wave Omni Antennas	2
2-A-33	PLA DL210 SYS 2	Williams Sound Loop System	1
2-A-34	DN-700R	Denon Professional Solid State Recorder	1
2-A-35	2010.9096	Barix Exstreamer 500	1
2-A-36	2007.9082	Barix Rack Kit	1

Section 2.0 - Hearing Room 1150 AV System			
A. Hearing Room #1150			
ID #	Section	Description	Qty
2-A-37	D8-FO	Community Series-D 8" Face Only Ceiling Speakers	18
2-A-38	D8-BC	Community Series-D 8" Back Can Assembly	18
2-A-39	D8-NCB	Community Series-D 8" New Construction Bracket	18
2-A-40	D8	Community Series-D 8" Ceiling Speakers	16
2-A-41	PT-DZ16K	Panasonic WUXGA 16,000 Lumens Projector	1
2-A-42	ET-D75LE30	Panasonic Zoom Lens 2.6-5.0:1	1
2-A-43	ET-PKD510H	Panasonic Projector Mount	1
2-A-44	Custom	Da-Lite custom curved screen	1
2-A-45	ED55D	Samsung 55" LED Display	3
2-A-46	TS318SU	Chief Thin Swing Arm	3
2-A-47	WRK-44SA-27	Middle Atlantic 44RU 27" Deep Equipment Rack w/ Rear Door	1
2-A-48	MW-VT	Middle Atlantic Vented Top	1
2-A-49	CBS-WRK-27	Middle Atlantic WRK-27 Caster Base	1
2-A-50	WL-60	Middle Atlantic Magnetic Work Light	1
2-A-51	AP8930	APC ZeroU Switched Rack PDU	2
2-A-52	SMT2200RMUS	APC Smart-UPS 220VA 20AMP 2RU UPS	1
2-A-53	AP9618	APC UPS Network Management card w/ Enviromental Monitoring	1
Hearing Room 1150 AV System Sub-Total			

Section 3.0 - Hearing Room 1100 AV System			
A. Hearing Room #1100			
ID #	Section	Description	Qty
3-A-1	CP3N	Crestron CP3N Contol System	1
3-A-2	TSW-752-B-S	Crestron 7" Touch Screen	1
3-A-3	DM-TX-201-C	Crestron DM 8G Transmitter	2
3-A-4	DM-RMC-SCALER -C	Crestron DM 8G Scaling Receiver	5
3-A-5	DM-MD8x8	Crestron 8x8 Digital Media Switcher	1
3-A-6	DMC-DVI	Crestron DVI/RGB Input Card	2
3-A-7	DMC-C-DSP	Crestron Digital Media 8G+ Input Card	2
3-A-8	DMC-4K-CO-HD	Crestron DM 8G output Card	4
3-A-9	DMC-STRO	Crestron H.264 Streaming Output Card	1
3-A-10	UHBX-3S	Hall Research 1x3 HD-BaseT Splitter	2
3-A-11	5099-001	Contemporary Research 232-ATSC+1 HDTV Tuner	1
3-A-12	5008-001	Contemporary Research RK1 Single Rack Kit 1 RU	1
3-A-13	BEM-2	Ensemble Designs Bright Eye Mito HD/SD Scan Converter	1
3-A-14	ID-DS0611-S1	SIIG USB over IP Device Server	1
3-A-15	CORE 250i	QSC Core 250i	1
3-A-16	CDN64	QSC Dante Bridge Card 64x64	1
3-A-17	I/O Frame 8S	QSC 8 Slot I/O Frame	1
3-A-18	CIML4	QSC 4 Channel Mic/Line Input Card	9
3-A-19	COL4	QSC 4 Channel Output Card	2
3-A-20	CXD4.3Q-xx	QSC 4 Channel Amp	1
3-A-21	gBox	JLCooper Electronics GPI Interface 48x48	1
3-A-22	920394	JLCooper Electronics Ethernet Interface card for gBOX	1
3-A-23	ES915C12	Audio Technica Cardioid Condenser Gooseneck Microphone 12" Long	27
3-A-24	ATW-R2100A	Audio Technica Wireless Reciever	2
3-A-25	AT8630	Audio Technica Joining Plate	1
3-A-26	ATW-T210A	Audio Technica Body Pack Transmitter	1
3-A-27	AT829CW	Audio Technica Lavalier Microphone - Cardioid Pickup Pattern	1
3-A-28	ATW-T220A	Audio Technica Handheld Microphone Transmitter	1
3-A-29	ATW-CHG2	Audio Technica Two Bay Recharging Station	1
3-A-30	AC100	Audio Technica RG59 50OHM Cable	2
3-A-31	ATW-49SP	Audio Technica Antenna Splitters	2
3-A-32	ATW-A3C	Audio Technica 1/2 Wave Omni Antennas	2
3-A-33	PLA DL210 SYS 2	Williams Sound Loop System	1
3-A-34	DN-700R	Denon Professional Solid State Recorder	1
3-A-35	2010.9096	Barix Exstreamer 500	1
3-A-36	2007.9082	Barix Rack Kit	1

Section 3.0 - Hearing Room 1100 AV System			
A. Hearing Room #1100			
ID #	Section	Description	Qty
3-A-37	D8-FO	Community Series-D 8" Face Only Ceiling Speakers	15
3-A-38	D8-BC	Community Series-D 8" Back Can Assembly	15
3-A-39	D8-NCB	Community Series-D 8" New Construction Bracket	15
3-A-40	D8	Community Series-D 8" Ceiling Speakers	14
3-A-41	PT-DZ16K	Panasonic WUXGA 16,000 Lumens Projector	1
3-A-42	ET-D75LE30	Panasonic Zoom Lens 2.6-5.0:1	1
3-A-43	ET-PKD510H	Panasonic Projector Mount	1
3-A-44	Custom	Da-Lite custom curved screen	1
3-A-45	ED55D	Samsung 55" LED Display	3
3-A-46	TS318SU	Chief Thin Swing Arm	3
3-A-47	WRK-44SA-27	Middle Atlantic 44RU 27" Deep Equipment Rack w/ Rear Door	1
3-A-48	MW-VT	Middle Atlantic Vented Top	1
3-A-49	CBS-WRK-27	Middle Atlantic WRK-27 Caster Base	1
3-A-50	WL-60	Middle Atlantic Magnetic Work Light	1
3-A-51	AP8930	APC ZeroU Switched Rack PDU	2
3-A-52	SMT2200RMUS	APC Smart-UPS 220VA 20AMP 2RU UPS	1
3-A-53	AP9618	APC UPS Network Management card w/ Enviromental Monitoring	1
Hearing Room 1100 AV System Sub-Total			

Section 4.0 - 2016 Temp Senate Chambers			
A. Hearing Room 1150 Additional Components			
ID #	Section	Description	Qty
4-A-1	I/O Frame 8S	QSC 8 Slot I/O Frame	1
4-A-2	CIML4	QSC 4 Channel Mic/Line Input Card	13
4-A-3	CORE 1100	QSC Core 1100	2
4-A-4	CDN64	QSC Dante Bridge Card 64x64	2
4-A-5	gBox	JLCooper Electronics GPI Interface 48x48	1
4-A-6	920394	JLCooper Electronics Ethernet Interface card for gBOX	1
4-A-7	Beta 87C	Shure Cardioid Condenser Microphone	67
Temp Senate Chambers Additional Components Sub-Total			

Section 5.0 - Senator Suite Conference Room AV Systems (QTY 5)			
A. Senator Suite Conf. Room AV System #1			
ID #	Section	Description	Qty
5-A-1	DM-TX-200-C-2G	Crestron DM Wall Plate TX	0
5-A-2	DM-TX-201-C	Crestron DM Transmitter 201	0
5-A-3	DM-RMC-SCALER-C	Crestron DM Scaler RX	0
5-A-4	MPC-M10-B-T	Crestron Media Presentation Controller	0
5-A-5	CUSTOM	Cable TV Distribution	0
5-A-6	ED75C	Professional 75" LED Display	0
5-A-7	TS525TU	Chief Thinstall Dual Swing Arm Wall Mount	0
5-A-8	FT-600-B	Crestron Flip Top Basic Black	0
5-A-9	999-8900-000	Vaddio GroupStation Camera & Microphone Interface	0
5-A-10	Allowance	Allowance For Room Changes & Needs	0
Section 4-A Senator Suite Conf. Room AV System #1 Sub-Total			

B. Senator Suite Conf. Room AV System #2			
ID #	Section	Description	Qty
5-B-1	DM-TX-200-C-2G	Crestron DM Wall Plate TX	0
5-B-2	DM-TX-201-C	Crestron DM Transmitter 201	0
5-B-3	DM-RMC-SCALER-C	Crestron DM Scaler RX	0
5-B-4	MPC-M10-B-T	Crestron Media Presentation Controller	0
5-B-5	CUSTOM	Cable TV Distribution	0
5-B-6	ED75C	Professional 75" LED Display	0
5-B-7	TS525TU	Chief Thinstall Dual Swing Arm Wall Mount	0
5-B-8	FT-600-B	Crestron Flip Top Basic Black	0
5-B-9	999-8900-000	Vaddio GroupStation Camera & Microphone Interface	0
5-B-10	Allowance	Allowance For Room Changes & Needs	0
Section 4-B Senator Suite Conf. Room AV System #2 Sub-Total			

C. Senator Suite Conf. Room AV System #3			
ID #	Section	Description	Qty
5-C-1	DM-TX-200-C-2G	Crestron DM Wall Plate TX	0
5-C-2	DM-TX-201-C	Crestron DM Transmitter 201	0
5-C-3	DM-RMC-SCALER-C	Crestron DM Scaler RX	0
5-C-4	MPC-M10-B-T	Crestron Media Presentation Controller	0
5-C-5	CUSTOM	Cable TV Distribution	0
5-C-6	ED75C	Professional 75" LED Display	0
5-C-7	TS525TU	Chief Thinstall Dual Swing Arm Wall Mount	0
5-C-8	FT-600-B	Crestron Flip Top Basic Black	0
5-C-9	999-8900-000	Vaddio GroupStation Camera & Microphone Interface	0
5-C-10	Allowance	Allowance For Room Changes & Needs	0
Section 4-C Senator Suite Conf. Room AV System #3 Sub-Total			

D. Senator Suite Conf. Room AV System #4			
ID #	Section	Description	Qty
5-D-1	DM-TX-200-C-2G	Crestron DM Wall Plate TX	0
5-D-2	DM-TX-201-C	Crestron DM Transmitter 201	0
5-D-3	DM-RMC-SCALER-C	Crestron DM Scaler RX	0
5-D-4	MPC-M10-B-T	Crestron Media Presentation Controller	0
5-D-5	CUSTOM	Cable TV Distribution	0
5-D-6	ED75C	Professional 75" LED Display	0
5-D-7	TS525TU	Chief Thinstall Dual Swing Arm Wall Mount	0
5-D-8	FT-600-B	Crestron Flip Top Basic Black	0
5-D-9	999-8900-000	Vaddio GroupStation Camera & Microphone Interface	0
5-D-10	Allowance	Allowance For Room Changes & Needs	0
Section 4-D Senator Suite Conf. Room AV System #4 Sub-Total			

E. Senator Suite Conf. Room AV System #5			
ID #	Section	Description	Qty
5-E-1	DM-TX-200-C-2G	Crestron DM Wall Plate TX	0
5-E-2	DM-TX-201-C	Crestron DM Transmitter 201	0
5-E-3	DM-RMC-SCALER-C	Crestron DM Scaler RX	0
5-E-4	MPC-M10-B-T	Crestron Media Presentation Controller	0
5-E-5	CUSTOM	Cable TV Distribution	0
5-E-6	ED75C	Professional 75" LED Display	0
5-E-7	TS525TU	Chief Thinstall Dual Swing Arm Wall Mount	0
5-E-8	FT-600-B	Crestron Flip Top Basic Black	0
5-E-9	999-8900-000	Vaddio GroupStation Camera & Microphone Interface	0
5-E-10	Allowance	Allowance For Room Changes & Needs	0
Section 4-E Senator Suite Conf. Room AV System #5 Sub-Total			

F. Senator Suite Conf. Room AV System #6			
ID #	Section	Description	Qty
5-F-1	DM-TX-200-C-2G	Crestron DM Wall Plate TX	0
5-F-2	DM-TX-201-C	Crestron DM Transmitter 201	0
5-F-3	DM-RMC-SCALER-C	Crestron DM Scaler RX	0
5-F-4	MPC-M10-B-T	Crestron Media Presentation Controller	0
5-F-5	CUSTOM	Cable TV Distribution	0
5-F-6	ED75C	Professional 75" LED Display	0
5-F-7	TS525TU	Chief Thinstall Dual Swing Arm Wall Mount	0
5-F-8	FT-600-B	Crestron Flip Top Basic Black	0
5-F-9	999-8900-000	Vaddio GroupStation Camera & Microphone Interface	0
5-F-10	Allowance	Allowance For Room Changes & Needs	0
Section 4-F Senator Suite Conf. Room AV System #6 Sub-Total			

G. Senator Suite Conf. Room AV System #7			
ID #	Section	Description	Qty
5-G-1	DM-TX-200-C-2G	Crestron DM Wall Plate TX	0
5-G-2	DM-TX-201-C	Crestron DM Transmitter 201	0
5-G-3	DM-RMC-SCALER-C	Crestron DM Scaler RX	0
5-G-4	MPC-M10-B-T	Crestron Media Presentation Controller	0
5-G-5	CUSTOM	Cable TV Distribution	0
5-G-6	ED75C	Professional 75" LED Display	0
5-G-7	TS525TU	Chief Thinstall Dual Swing Arm Wall Mount	0
5-G-8	FT-600-B	Crestron Flip Top Basic Black	0
5-G-9	999-8900-000	Vaddio GroupStation Camera & Microphone Interface	0
5-G-10	Allowance	Allowance For Room Changes & Needs	0
Section 4-G Senator Suite Conf. Room AV System #7 Sub-Total			

H. Senator Suite Conf. Room AV System #8			
ID #	Section	Description	Qty
5-H-1	DM-TX-200-C-2G	Crestron DM Wall Plate TX	0
5-H-2	DM-TX-201-C	Crestron DM Transmitter 201	0
5-H-3	DM-RMC-SCALER-C	Crestron DM Scaler RX	0
5-H-4	MPC-M10-B-T	Crestron Media Presentation Controller	0
5-H-5	CUSTOM	Cable TV Distribution	0
5-H-6	ED75C	Professional 75" LED Display	0
5-H-7	TS525TU	Chief Thinstall Dual Swing Arm Wall Mount	0
5-H-8	FT-600-B	Crestron Flip Top Basic Black	0
5-H-9	999-8900-000	Vaddio GroupStation Camera & Microphone Interface	0
5-H-10	Allowance	Allowance For Room Changes & Needs	0
Section 4-H Senator Suite Conf. Room AV System #8 Sub-Total			

J. Senator Suite Conf. Room AV System #9			
ID #	Section	Description	Qty
5-J-1	DM-TX-200-C-2G	Crestron DM Wall Plate TX	0
5-J-2	DM-TX-201-C	Crestron DM Transmitter 201	0
5-J-3	DM-RMC-SCALER-C	Crestron DM Scaler RX	0
5-J-4	MPC-M10-B-T	Crestron Media Presentation Controller	0
5-J-5	CUSTOM	Cable TV Distribution	0
5-J-6	ED75C	Professional 75" LED Display	0
5-J-7	TS525TU	Chief Thinstall Dual Swing Arm Wall Mount	0
5-J-8	FT-600-B	Crestron Flip Top Basic Black	0
5-J-9	999-8900-000	Vaddio GroupStation Camera & Microphone Interface	0
5-J-10	Allowance	Allowance For Room Changes & Needs	0
Section 4-J Senator Suite Conf. Room AV System #9 Sub-Total			

K. Senator Suite Conf. Room AV System #10			
ID #	Section	Description	Qty
5-K-1	DM-TX-200-C-2G	Crestron DM Wall Plate TX	0
5-K-2	DM-TX-201-C	Crestron DM Transmitter 201	0
5-K-3	DM-RMC-SCALER-C	Crestron DM Scaler RX	0
5-K-4	MPC-M10-B-T	Crestron Media Presentation Controller	0
5-K-5	CUSTOM	Cable TV Distribution	0
5-K-6	ED75C	Professional 75" LED Display	0
5-K-7	TS525TU	Chief Thinstall Dual Swing Arm Wall Mount	0
5-K-8	FT-600-B	Crestron Flip Top Basic Black	0
5-K-9	999-8900-000	Vaddio GroupStation Camera & Microphone Interface	0
5-K-10	Allowance	Allowance For Room Changes & Needs	0
Section 4-K Senator Suite Conf. Room AV System #10 Sub-Total			
Section 4.0 Senator Suite Conf. Rooms AV Systems Sub-Total			

Section 6.0 - Shared Conference Rooms (QTY 4)			
A. Shared Conf. Room AV System #1			
ID #	Section	Description	Qty
6-A-1	DM-TX-200-C-2G	Crestron DM Wall Plate TX	0
6-A-2	DM-TX-201-C	Crestron DM Transmitter 201	0
6-A-3	DM-RMC-SCALER-C	Crestron DM Scaler RX	0
6-A-4	MPC-M10-B-T	Crestron Media Presentation Controller	0
6-A-5	CUSTOM	Cable TV Distribution	0
6-A-6	ED75C	Professional 75" LED Display	0
6-A-7	TS525TU	Chief Thinstall Dual Swing Arm Wall Mount	0
6-A-8	FT-600-B	Crestron Flip Top Basic Black	0
6-A-9	999-8900-000	Vaddio GroupStation Camera & Microphone Interface	0
6-A-10	Allowance	Allowance For Room Changes & Needs	0
Section 5-A Shared Conf. Room AV System #1 Sub-Total			

B. Shared Conf. Room AV System #2			
ID #	Section	Description	Qty
6-B-1	DM-TX-200-C-2G	Crestron DM Wall Plate TX	0
6-B-2	DM-TX-201-C	Crestron DM Transmitter 201	0
6-B-3	DM-RMC-SCALER-C	Crestron DM Scaler RX	0
6-B-4	MPC-M10-B-T	Crestron Media Presentation Controller	0
6-B-5	CUSTOM	Cable TV Distribution	0
6-B-6	ED75C	Professional 75" LED Display	0
6-B-7	TS525TU	Chief Thinstall Dual Swing Arm Wall Mount	0
6-B-8	FT-600-B	Crestron Flip Top Basic Black	0
6-B-9	999-8900-000	Vaddio GroupStation Camera & Microphone Interface	0
6-B-10	Allowance	Allowance For Room Changes & Needs	0
Section 5-B Shared Conf. Room AV System #2 Sub-Total			

C. Shared Conf. Room AV System #3			
ID #	Section	Description	Qty
6-C-1	DM-TX-200-C-2G	Crestron DM Wall Plate TX	0
6-C-2	DM-TX-201-C	Crestron DM Transmitter 201	0
6-C-3	DM-RMC-SCALER-C	Crestron DM Scaler RX	0
6-C-4	MPC-M10-B-T	Crestron Media Presentation Controller	0
6-C-5	CUSTOM	Cable TV Distribution	0
6-C-6	ED75C	Professional 75" LED Display	0
6-C-7	TS525TU	Chief Thinstall Dual Swing Arm Wall Mount	0
6-C-8	FT-600-B	Crestron Flip Top Basic Black	0
6-C-9	999-8900-000	Vaddio GroupStation Camera & Microphone Interface	0
6-C-10	Allowance	Allowance For Room Changes & Needs	0
Section 5-C Shared Conf. Room AV System #3 Sub-Total			

D. Shared Conf. Room AV System #4			
ID #	Section	Description	Qty
6-D-1	DM-TX-200-C-2G	Crestron DM Wall Plate TX	0
6-D-2	DM-TX-201-C	Crestron DM Transmitter 201	0
6-D-3	DM-RMC-SCALER-C	Crestron DM Scaler RX	0
6-D-4	MPC-M10-B-T	Crestron Media Presentation Controller	0
6-D-5	CUSTOM	Cable TV Distribution	0
6-D-6	ED75C	Professional 75" LED Display	0
6-D-7	TS525TU	Chief Thinstall Dual Swing Arm Wall Mount	0
6-D-8	FT-600-B	Crestron Flip Top Basic Black	0
6-D-9	999-8900-000	Vaddio GroupStation Camera & Microphone Interface	0
6-D-10	Allowance	Allowance For Room Changes & Needs	0
Section 5-D Shared Conf. Room AV System #4 Sub-Total			
Section 5.0 Shared Conference Rooms AV Systems Sub-Total			

Section 7.0 - Training Room			
Section 6.0 Training Room AV System Sub-Total			

Section 8.0 - Senate Counsel Conference Room			
A. Senate Counsel Conf. Room			
ID #	Section	Description	Qty
8-A-1	DM-TX-200-C-2G	Crestron DM Wall Plate TX	0
8-A-2	DM-TX-201-C	Crestron DM Transmitter 201	0
8-A-3	DM-RMC-SCALER-C	Crestron DM Scaler RX	0
8-A-4	MPC-M10-B-T	Crestron Media Presentation Controller	0
8-A-5	CUSTOM	Cable TV Distribution	0
8-A-6	ED75C	Professional 75" LED Display	0
8-A-7	TS525TU	Chief Thinstall Dual Swing Arm Wall Mount	0
8-A-8	FT-600-B	Crestron Flip Top Basic Black	0
8-A-9	999-8900-000	Vaddio GroupStation Camera & Microphone Interface	0
8-A-10	Allowance	Allowance For Room Changes & Needs	0
Section 7.0 Senate Counsel Conf. Room AV System Sub-Total			

Section 9.0 -Press Conference Space			
A. Press Conference Space			
ID #	Section	Description	Qty
9A-1	Control System	Press Mult Box Allowance - Whirlwind or Equivalent w/ Accssories	0
Section 8.0 Press Conference Space AV System Sub-Total			

Section 10.0 - Project Allowance			
A. Project Allowance			
ID #	Section	Description	Qty
10-A-1	Project Allowance	Project Allowance For Customer Driven Changes	0
Section 9.0 - Project Allowance Sub-Total			
Project Sub-Total			