

Questions for PA System Replacement

Please note that the page limit of the solicitation has been increased to 35 pages; not including pictures/drawings, references, or certifications. Please limit all pictures/drawings to a maximum of 25 pages. If your file is too large to send via email, you may split the document into sections and send multiple emails with Part 1, Part 2, etc. in the heading.

Questions	Answers
Please provide all architectural drawings of the venue as an addendum prior to the inquiry deadline date of October 4. The sooner we receive architectural drawings, the sooner we can begin a design and generate an estimate.	All dates have been adjusted as seen in Addendum 3. All drawing and plans available have been provided with our formal answers in addendum 4.
Please confirm that UCCC will be removing the screens located on either side of the stage prior to the awarded contractor beginning their deployment on site.	The City has confirmed the screens will be removed prior to the Awarded vendor starting work
Will the existing PA be removed prior to deployment, or is that part of the scope of the awarded contractor?	Removal of the old system is part of the intended scope. However, full removal may not be necessary. All vendors should highlight how they expect to handle removal of the old system.
It was mentioned that there is a report from a structural engineer outlining what can and cannot be used as hanging points. Is that available to be shared?	Provided in the Addendum 4 material
(a) Will modifications to the "clouds" at the point where the new PA will hang be acceptable? Who will be responsible for modifications to the "clouds" to make room for the new PA to hang?	Yes, within reason. Awarded Vendor can make determined modifications.
(b) If no modifications to the "clouds" are allowed, additional steel work will need to be performed by a general contractor. Would that fall under this scope or will the City of Greeley be providing that steel work?	See previous. Clouds do not have steel work involved.
There was mention of electrical and conduit drawings during the walkthrough. Are those able to be shared?	All drawings are original 1988, additions will not be reflected.
Have any acoustical reports of the venue been conducted? May those results be shared?	No. The City will not be providing any Acoustical reports that may or may not have been conducted.
there was mention of a resolume file in existence from EAW. Could that file please be shared?	No, CAD files will be provided. Please see addendum 4.
Can the side stage projector screen be moved to accommodate the potential new PA position, or shall the new PA position be coordinated around the screen locations?	The City has confirmed the screens will be removed prior to the Awarded vendor starting work. Side Stage projectors may be moved or removed as needed
What are the SPL requirements for low frequency content (IE. Subwoofers)? How much of a SPL	The bid request is specifying a 115 DbA reading +/- 2Db over entire audience. We all know that

“bump/haystack” shall the system have from the subs over the mains?	DbA is an average weighting. The system should be designed for adjustments as desired internally for any processing.
Shall the system be capable of receiving multiple inputs? IE. From the house console, and a guest console	Yes, currently a patch panel is utilized.
Shall the system be drive by a LR feed, or a LR, Sub, FF feed?	LR feed into processing in house is fine, option for LR, Sub, FF is necessary for tours. Currently we can accomplish this via the normalled patch panel system.
Shall the system be compliant with fire code regulation and have a fire alarm interrupt?	Yes, all systems installed must be compliant with Fire alarm and Fire code.
Where should the power sequencing turn on locations be?	One at Stage Manager, one at House Mix
Can the owner supply any and all CAD and 2D drawings of the space to assist with design?	Yes, please see addendum 4
Can the owner provide any and all structural rigging rating reports?	Yes, please see addendum 4
After demolition or removal of the existing system, shall it go back to the owner or be disposed of by the contractor?	The current system is the City’s property, and the City shall hold the right to retain any or all parts of the previous system. Clean-up and disposal of the old system is the Awarded Proposer’s responsibility. What is to be kept or disposed of will need to be addressed as the demolition/ tear down is conducted.
Shall the PA chain motor system be integrated into the building electrical as infrastructure, or is it acceptable for the motors to be controlled from a portable motor controller and powered from the house 3-phase service?	Design the chain motor system as desired for the rigging, bid the cost of electric as needed. Determine the best option for motor control for PA serviceability.
Is the existing ALS system and Lobby feed getting signal from the current PA DSP, or the house console?	Lobby system is fed via a DA at FOH mix. This DA also feeds the Stage Manager backstage system. There is a Symetrix 305 DA on the L/R console outputs. The outputs of these DA’s go to the lobby distribution and SM panel.
Shall the new system include a DSP that incorporates house ALS system and lobby feed?	Yes, or utilize the existing DA.
Shall the PA system require and user-friendly control system for manipulation, or is computer based software acceptable?	Computer based software is acceptable
In the RFP it is mentioned that the contractor needs to be rigging qualified, does this mean the contractor must have an ESTA ETCP certified rigger?	We would prefer ESTA or ETCP certified rigger’s however, any proof of certification or formal training will be sufficient for the requirement. However, the qualifications offered will affect Proposers’ overall scoring as highlighted in Evaluation Criteria- “Company and Personnel Qualifications”

(A)In the RFP it is mentioned that the contractor must be qualified to design a speaker system of this scale, what specific qualifications are you looking for?	References or any certifications that are relevant to the work being performed.
(B)Would industry standard design (IE CTS) and manufacture certified partner information answer part of these qualifications?	Yes
Do you have PDF, CAD, or any other scaled drawings of the facility we can have access to? Structural, elevations, general floorplan, and RCP's would be most beneficial. Does owner want to retain all equipment that will be removed?	All equipment will be retained.
Will the purchaser be willing to accept multiple options from bidder?	Yes, the Proposer may provide as many options as they would like. As long as they stick to the page limit (75 pages)
Weight limit on the stage for man lifts?	Approx 5000 lbs with plywood underlayment. Stage is a sprung floating floor.
If our electrical and / or structural engineer need to conduct a site visit, can we coordinate that?	After the Intent of Award has been distributed.
If the original highly detailed as built 3D drawings can be provided is it possible to schedule additional time to come and model the room before bid submission? Would take approximately 12 hours of time in the venue, but does not need to be empty.	This would have to be offered to each prospective proposer. 7 vendors * 12 hours would be 84 hours with needed City supervision. We have deemed such a 'time-sink', not feasible. The awarded proposer can do this upon award to finalize their design prior to full execution of the contract
In accordance with ISO Standard 3382-1 is it possible for us to come and take an impulse response measurement of the space to assist with our sound system design? Would approximately take 2 hours of empty venue time.	This would have to be offered to each prospective proposer. 7 vendors *2 hours would be 14 hours of empty venue time. We have deemed such a 'time-sink', not feasible. The awarded proposer can do this upon award to finalize their design prior to full execution of the contract
The current scope of work states that the system should be capable of 115dBA. This requirement appears to far exceed industry standards. Is this requirement correct? Is that the RMS, or peak before limiting? We believe this standard to be extreme and have significant cost implications to be achieved	The bid specs are written for a rider friendly PA. A typical rider will indicate a PA capable of 115 dBA +/- . This is NOT an RMS reading, merely a capability. In a large crowd environment, there are times when the PA may need to produce higher dB levels. A crowd of 1700 people can produce levels that far exceed safe industry standards.
Do you have a preferred electrical vendor?	No, however any vendor who has worked on the UCCC would be preferred. This will not affect scoring for proposals.

Does the city have AC Electrical system drawings for the UCCC? If so, can these be provided in PDF and/or AutoCAD format?	No, the city does not have these drawing. Historically, the City did not require Electrical drawings to be kept longer than 2 years.
Do the current AC power panels have sufficient capacity for the new loudspeaker system (power amplifiers and chain motors)? Please provide photographs of the AC power panels with this response.	The City will need to know what the needs of the new PA system are to determine the answer to this question.
Do Chain motors come in single phase and three phase models. Is 208V/3-phase power available in the theater for interface to the chain motor system?	Provide single phase motors, they are for serviceability only.
Does low voltage wiring need to be installed in conduit? Or is neatly managed "free run" cabling acceptable?	Not specified.
Should new amplifier racks be provided by the Proposer? Or will the existing amplifier racks be re-used for the new loudspeaker system? If the existing amplifier racks are to be re-used, what is the usable depth (distance from front rack rail to power outlet boxes) of the existing equipment racks?	We are fine with either. As long as the racks work for the new system. Demo of existing racks might be tricky.
At the site walk, EAW Anna loudspeakers were hung on either side of the proscenium. Are these speakers being rigged from structurally certified rigging points? If so, how much weight are these rigging points certified to hold? Are there other structurally certified rigging locations?	As discussed during the walk, these points are NOT available for rigging points for the installation. These points are not in question and not available for the purposes of this project. FYI, these points are rated at 5000 lbs
Is it still the goal that the new system be capable of achieving the high goals outlined in the system specifications of 115dBA +/-2dB.	Yes, rider friendly.
Can the sound system design considerations in ISO Standard 3382-1 be taken into account during the design process?	Yes
What is the desired listening height of the audience plane? Shall the system be designed assuming seated or standing?	Seated
a) In the RFP it is mentioned that 40 points of the award decision shall come from the design's ability to achieve the goals outlined in the scope	The City gathers an evaluation team who are knowledgeable about the material of the solicitation. It will be up to the individual team members on how to score proposals within the confines of the point system. Roughly the

of work. How will the owner (the City) be rating a design's ability to achieve the scope of work?	distribution will work as follows: 0-10: inability to achieve the scope of work, 11-20: ability to meet the scope of work with some reservations, 21-30 ability to meet the scope of work, 31-40 exceeds the Cities expectations to preform the scope of work.
b) How does the point system work?	Our evaluation criteria all add up to 100 points. The individual criteria are assigned point values to show the importance or significance of that criteria. The City gathers an evaluation team who are knowledgeable about the subject of the solicitation. The Project Manager will meet the evaluation team after all proposals are scored by team members individually. Then an intent of award will be distributed to Bidnet and the Greeley Purchasing page
c) Will systems be prorated (scored) on how closely they achieve the scope of work?	The proposals submitted cannot be scored higher than 40 points for scope of work per the solicitation.
Will the proposed subwoofers be required to be deployed in a cardioid configuration?	That's a design option, not a requirement.
Will the proposed main stereo line arrays be required to have pattern control down to the lowest frequency it can produce?	That's a design option, not a requirement.
Will existing center cluster functionality need to be updated as part of this proposal or is a stereo main loudspeaker system sufficient given adequate coverage?	That's a design option, not a requirement. The proposal asks for even coverage to all seats, however that needs to be accomplished.