

STAFF REPORT



Meeting Date: October 21, 2020
To: Board of Directors
From: Michael J. Aho – District Administrator
Subject: Change Order to WMB Architects' Contract for Acoustic Design Services for the Veteran's Memorial Amphitheater.

I. Recommendation

Authorize the District Administrator to sign the change order for Acoustic Design Services with WMB Architects increasing the contract amount by \$10,100.

II. Background

WMB is the Landscape Architectural firm designing the Veteran's Memorial Amphitheater and Clubhouse/Village Hall renovations as part of Measure J.

III. Problem /Situation/ Request

Anticipated acoustical issues will be pertinent to the Black Box Theater and the Community rooms as part of the Theater renovation.

Those issues are:

- Room acoustics in the stage-house/community room: excess reverberation should be mitigated both for the stage-house use as well as the community room use, however creating some feature(s) that would aid in the natural propagation of sound from the stage to the audience would also be beneficial.
- Operable partition sound insulation should be addressed as it can vary widely between partition types and opening conditions.
- HVAC systems noise and vibration reduction: mitigation of radiated noise from the condenser sections of the new rooftop packaged units should be addressed in terms of the impact on the adjacent audience area, especially given the typical non-continuous duty cycles typical of these unit types (i.e. condenser sections turn on and off, creating a greater distraction factor)

Scope of work

1. Review the incorporation of previous acoustical recommendations into the drawing set and specifications.
2. Review wall and ceiling finish materials to verify that adequate reverberation and echo mitigation.
3. Review details associated with sound insulation to verify that they do not compromise the acoustical performance.
4. Using provided manufacturer's sound data, verify predicted fan-coil noise levels and recommend noise and vibration mitigation measures.
5. Review and provide input on the project specifications.
6. Review two sets of project documents.
7. Attend up to four online project meetings.

Construction Administration Phase

1. Review acoustically related submittals and respond to contractor.
2. Visit the site as requested on a time-and-materials basis to observe acoustical constructions and devices and issue written memoranda documenting observations and related recommendations.

IV. Financial Analysis

Increase of design costs of the Veteran's Memorial Amphitheatre by \$10,100.

Respectfully Submitted,

Michael J. Aho
District Administrator

Attachment A: Contract Consultant Change Order