

**Bellevue Public Schools
Bond Oversight Committee Meeting**

**Bellevue East High School
Media Center (tentative)**

6:00 PM, Thursday, September 21st, 2017

Agenda Items

1. Welcome
2. Bellevue East HVAC Project
 - a. Review of existing mechanical/electrical conditions at Bellevue East and potential HVAC system update options being studied by Advanced Engineering Systems (AES).
3. Technology Update/Discussions
 - a. Update on Planned Upcoming Technology Bids/Purchases
4. Project Updates
 - a. Final Review of Bertha Barber, Twin Ridge and LeMay building projects.
 - b. Roofing project updates at Bellevue West and Leonard Lawrence.
 - c. Bellevue West Shop ventilation project update.
 - d. Review of current pay requests submitted by the respective project Contractors.
5. Safety/Security Updates
6. Transportation Updates
 - a. Update on Planned 2018 Vehicle Purchases
7. Website Development Review
8. Questions
9. East High Tour (If desired)
10. Adjournment

CURRENT PROJECT SUMMARIES

Bertha Barber Elementary Life Safety/HVAC Upgrades

- Punch lists have been completed and forwarded to the Contractor. Completion of punch list items will be ongoing here in short term.
- Chiller Unit: The field installers from Trane were at the site on 9/15/17 to replace the defective coil in the chiller unit.
- Final Change Orders: Currently working with Contractor to finalize any changes to finalize project closeout.

Twin Ridge Elementary Life Safety/HVAC Upgrades

- Punch lists have been completed and forwarded to the Contractor. Completion of punch list items will be ongoing here in short term.
- Boilers will go through start-up towards the end of September as outdoor air temperatures start going down.
- Change Orders: Currently working with Contractor to finalize any changes to finalize project closeout.

LeMay Elementary Life Safety/HVAC Upgrades

- Punch lists have been completed and forwarded to the Contractor. Completion of punch list items will be ongoing here in short term.
- Mechanical Systems: Fan coil replacement in Classroom A7 was schedule to occur in early September, but it was determined that the wrong type of replacement coil was shipped. Trane reps apparently performed a temporary patch on the faulty coil and a new coil has been re-ordered. Timetable for deliver of the re-ordered coil is unknown at this time but an anticipated 4-6 delivery schedule was anticipated.
- Change Orders: Currently working with Contractor to finalize any changes to finalize project closeout.

West High Roofing

- Roofing work on the building started in earnest on September 6th. Work is currently progressing on the roof replacement over Area One (northwest corner) of the building. Work will continue on Area One and then progress over to Area Two (north end). Work timetable beyond Area Two has not been discussed in depth yet with the Contractor but will be determined in the near future. Roofing work appears to be on track to be completed around the end of October.
- The Bellevue School Board gave approval at their September to proceed with curb extension work on six rooftop curbs. We are working with Controlled Comfort, Inc. to get this work coordinated with the ongoing roofing replacement work.

Leonard Lawrence Roofing

- Shingle installation was approximately 95% completed during the first week of school.
- Flat roof work has been temporarily on hold. The contractor was waiting for one of their crews to finish up another large project as well as waiting for the replacement clerestory wall panels to arrive so that the flat roof work and the wall panel installation could be integrally installed to provide for seamless installation. The wall panels arrived approximately a week ago so and the roofing crew did show back up on the site on 9/19/17 to continue the roof replacement work.
- Contractor is still looking at completion of the roofing project sometime in the mid-to-late October time frame.

West High Shop Ventilation Project

- Bids for the desired option for the replacement of the existing rooftop units for the Bellevue West Shop Area were received on August 29th, 2017. The bids that were received were approximately \$100K over budget. As noted in an earlier update, it appears that the proposed equipment vendor passed on improper information to the engineer from the manufacturer where their equipment costs were short the \$100K. So with these costs, the proposed equipment for this option proves to be non-cost effective.

- One option for ventilation that was previously discussed were the free standing welding stations that have ventilation and filtering units built in to the stations. Greg Boettger has reviewed this option with the shop teaching staff and it appears that the consensus is that they would prefer something along the current conditions. It also appears that the incidental costs of new electrical connections and general reconfiguration costs within the shop area would also have significant impact on overall construction costs so this option may not be the most feasible.
- We are working with the low bidder on the Option 1 bids to provide some costing on value engineering of the project to look at Option 2, which is the possible installation of make-up air units (MAU's) and freestanding exhaust fans. This should be a more of lower initial cost option, but the energy efficiency of the units will not be as good as the Option 1 solution. However, due to the relatively low times of operation of the hoods, the overall cost/benefit of this option should be better than the additional \$100K vendor error that Option 1 had incurred.

East High HVAC

- The Contract for the mechanical/electrical engineering services with AES is being finalized.
- Preliminary schematic designs and options on HVAC system upgrades at East will be presented to the Oversight Committee on September 21st with a presentation made to the Board on October 9th. It is hoped that a recommendation will develop out of this meeting on a direction to proceed at the October meeting so that the project will continue to move forward.
- If a direction on moving forward on the extent of the HVAC upgrades is made by the Board, AES will be moving ahead to prepare plans for the bidding phase of the of the project. Depending on the final scope of work, it is anticipated that plans may be ready for bidding in January or February of 2018 for bidding and start of construction in the summer of 2018.
- AES will update cost estimates on the scope of the mechanical/electrical work moving forward. GP Architecture will be working with a 3rd party contractor on preparing an independent estimate on the scope of work as a cross-reference.
- Commissioning: We will be receiving additional proposals for Commissioning Services in the near future to determine potential comparative fees for the proposed East High HVAC project.