



Board of Education Report

File #: Rep-468-14/15, **Version:** 1

Amendment to the Facilities Services Strategic Execution Plan to Define and Approve New Science Laboratory Facilities Projects at Two Schools

Action Proposed:

Staff proposes that the Board of Education approve an amendment to the Facilities Services Division (FSD) Strategic Execution Plan (SEP) to define and approve two new science laboratory facilities projects at Sun Valley Magnet School and Los Angeles Center for Enriched Studies Magnet as follows:

- The proposed project at Sun Valley Magnet School will convert two existing classrooms, originally designed as cooking classrooms in the 1950s, into a chemistry laboratory and a biology laboratory. The proposed project will also include the conversion of adjacent support spaces. Upgrades to ensure compliance with the Americans with Disabilities Act (ADA) and Division of the State Architect (DSA) requirements will also be provided. The two new laboratories will be designed, constructed, and furnished to meet District standards for new high school chemistry and biology laboratories. The proposed project is anticipated to begin construction in the fourth quarter of 2016 and to be completed in the third quarter of 2017. The project budget is \$4,327,000. The school is located in Board District 6 (Ratcliff) and Educational Service Center North (the school currently falls under the purview of the Intensive Support and Innovation Center).
- The proposed project at Los Angeles Center for Enriched Studies Magnet (LACES) will convert two existing classrooms, originally designed in the 1960s as a middle school science classroom and as a ceramics classroom, into two chemistry laboratories. The proposed project will also include the conversion of one storage room into a chemistry workroom. Upgrades to ensure compliance with the Americans with Disabilities Act (ADA) and Division of the State Architect (DSA) requirements will also be provided. The two new laboratories will be designed, constructed, and furnished to meet District standards for new high school chemistry laboratories. The proposed project is anticipated to begin construction in the fourth quarter of 2016, and is anticipated to be completed in the third quarter of 2017. The project budget is \$4,168,000. The school is located in Board District 1 (McKenna) and Educational Service Center West.

Background:

Sun Valley Magnet operates in school facilities originally designed in the 1950s to serve middle school students, and up until recently it operated as a traditional middle school. In the 2013-2014 school year, the school was configured into three specialized magnet programs. One of the programs, Sun Valley Biomedical Science Engineering & Leadership (BSEL) Magnet, was approved to serve students in 6th through 12th grade. The BSEL magnet program currently operates as a 6th through 10th grade school, and is expected to serve 11th and 12th grade students over the next two years. The other two magnet programs, Sun Valley Environmental Studies Magnet and Sun Valley Engineering Technology Magnet, serve students in grades 6th through 8th. Sun Valley Magnet does not have high school chemistry or biology laboratories to teach the schools' science

programs.

LACES serves students in 6th grade through 12th grade, and offers an array of Advanced Placement courses. It operates in school facilities designed in the 1930s and 1960s to serve middle school students (the former Pasteur Junior High School site). The school has inadequate facilities to teach safe and hands-on high school chemistry laboratory instruction.

Expected Outcomes:

Staff anticipates that the Board of Education will approve the proposal to amend the FSD-SEP to define and approve new science laboratory facilities projects at Sun Valley Magnet and LACES. Approval of the proposed action will allow staff to undertake two projects to provide Sun Valley Magnet and LACES with safe and state-of-the-art science laboratories that will allow the schools to deliver the “hands-on” science laboratory instruction as required by the California State Board of Education. The University of California A-G subject requirements also require two years or four semesters of laboratory sciences in two of the following disciplines: biology, chemistry, and physics.

Board Options and Consequences:

If the Board approves the proposed action, staff will proceed with the design and subsequent construction of a new high school biology and chemistry laboratory at Sun Valley Magnet, and two new high school chemistry laboratories at LACES. If the Board of Education does not approve the proposed actions, Sun Valley Magnet and LACES will continue to operate with inadequate facilities to support science laboratory curriculum.

Policy Implications:

The proposed actions are consistent with the District’s commitment to address unmet school facility’s needs, and the Board of Education’s goals for the School Upgrade Program that schools should be physically safe and secure, school building systems should be sound and efficient, and school facilities should align with instructional requirements. Additionally, the proposed actions will help ensure the Board of Education’s Resolution, which requires all students to complete an A-G college-prep curriculum in order to graduate, can be better implemented at Sun Valley Magnet and LACES.

Budget Impact:

The total combined project budgets for the two proposed projects is \$8,495,000. The projects will be funded by Bond Program funds targeted specifically for school upgrades and reconfigurations to support specialized instructional programs in the School Upgrade Program.

Issues and Analysis:

Sun Valley Magnet and LACES have insufficient science laboratory facilities that may pose health and safety concerns if hands-on science laboratory instruction is provided. The classrooms that were designed for science were built more than 50 years ago for middle school science curriculum. The current design standards for high school science laboratory facilities help ensure science laboratory curriculum, including the Next Generation Science Standards, can be delivered and in a safe and up-to-date environment.

The project budgets for the proposed science laboratory facilities projects are higher than budgets presented for previous science laboratory facilities projects due to new DSA and Title 24 requirements. Conversion of the existing classrooms to high school science laboratories require new provisions such as a chemical storage room, fire sprinklers, emergency shower/eyewash units, and student laboratory stations with a sink, gas, electrical/data outlets, and related equipment. The chemistry laboratory requires acid resistant drain pipes, a sample tank, and an accessible fume hood. Upgrades to provide chemistry labs with one-hour fire rated walls

are also required to ensure student and staff safety.

Bond Oversight Committee Recommendations:

This item was considered by the School Construction Bond Citizen's Oversight Committee (BOC) at its meeting of April 30, 2015. Staff has concluded that this proposal will facilitate implementation of the Facilities Services Division Strategic Execution Plan (FSD-SEP), and therefore, it will not adversely affect the District's ability to successfully complete the FSD-SEP.

Attachments:

None

Informatives:

None

LOS ANGELES UNIFIED SCHOOL DISTRICT

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Asst. Administrative Analyst

RESOLUTION 2015-21

BOARD REPORT NO. 468-14/15

**AMENDMENT TO THE FACILITIES SERVICES STRATEGIC EXECUTION
PLAN TO DEFINE AND APPROVE NEW SCIENCE LABORATORY
FACILITIES PROJECTS AT TWO SCHOOLS (SUN VALLEY MAGNET
SCHOOL AND LACES)**

WHEREAS, District Staff proposes that the Board of Education approve an amendment to the Facilities Services Division (FSD) Strategic Execution Plan (SEP) to define and approve two new science laboratory facilities projects at Sun Valley Magnet School and Los Angeles Center for Enriched Studies Magnet; and

WHEREAS, The proposed project at Sun Valley Magnet School will convert two existing classrooms, originally designed as cooking classrooms in the 1950s, into a high school chemistry laboratory and a biology laboratory, and will include the conversion of adjacent support spaces; and

WHEREAS, The proposed project at Sun Valley Magnet School is anticipated to begin construction in the fourth quarter of 2016 and to be completed in the third quarter of 2017, and has a project budget of \$4,327,000; and

WHEREAS, The proposed project at Los Angeles Center for Enriched Studies Magnet (LACES) will convert two existing classrooms, originally designed in the 1960s as a middle school science classroom and as a ceramics classroom, into two chemistry laboratories, and will include the conversion of one storage room into a chemistry workroom.

WHEREAS, The proposed project at LACES is anticipated to begin construction in the fourth quarter of 2016, and is anticipated to be completed in the third quarter of 2017, and has a project budget of \$4,168,000; and

WHEREAS, Sun Valley Magnet School and LACES have insufficient science laboratory facilities that may pose health and safety concerns if hands-on science

RESOLUTION 2015-21

**AMENDMENT TO THE FACILITIES SERVICES STRATEGIC EXECUTION PLAN
TO DEFINE AND APPROVE NEW SCIENCE LABORATORY FACILITIES
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laboratory instruction is provided. The classrooms that were designed for science were built more than 50 years ago for middle school science curriculum. The current design standards for high school science laboratory facilities help ensure science laboratory curriculum, including the Next Generation Science Standards, can be delivered and in a safe and up-to-date environment; and

WHEREAS, District Staff has concluded that the proposed SEP amendment will facilitate implementation of the FSD SEP, and therefore, it will not adversely affect the District's ability to successfully complete the FSD SEP; and

NOW, THEREFORE, BE IT RESOLVED THAT:

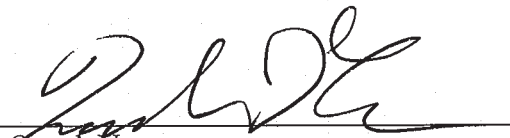
1. The School Construction Citizens' Bond Oversight Committee recommends that the Board of Education adopt an amendment to the Facilities Services Division (FSD) Strategic Execution Plan (SEP) to define two new science laboratory facilities projects at Sun Valley Magnet School and Los Angeles Center for Enriched Studies Magnet as defined in Board Report 468-14/15, a copy of which is attached hereto in the form it was presented to the BOC and is incorporated herein by reference.
2. This resolution shall be transmitted to the Los Angeles Unified School District Board of Education and posted on the Oversight Committee's website.
3. The District is directed to track the above recommendation and to report on the adoption, rejection, or pending status of the recommendations as provided in section 6.2 of the Charter and Memorandum of Understanding between the Oversight Committee and the District.

ADOPTED on April 30, 2015, by the following vote:

AYES: 12
NAYS: 0
ABSTENTIONS: 0
ABSENT: 2



Pamela Schmidt
Vice-Chair



Quynh Nguyen
Secretary