



Board of Education Report

File #: Rep-233-23/24, **Version:** 1

Define and Approve Six Internet Protocol Converge Projects at Adult and Career Education Campuses and Amend the Facilities Services Division Strategic Execution Plan to Incorporate Therein

April 9, 2024

Facilities Services Division and Division of Adult and Career Education

Action Proposed:

Define and approve six Internet Protocol (IP) Converge Projects at adult and career education campuses (Projects), as described in Exhibit A, and amend the Facilities Services Division (Facilities) Strategic Execution Plan (SEP) to incorporate therein. The total combined budget for the six proposed Projects is \$19,983,135.

Authorize the Chief Procurement Officer and/or the Chief Facilities Executive and/or their designee(s) to execute all instruments necessary, as legally permissible, to implement the proposed Projects including, budget modifications and the purchase of equipment and materials.

Background:

On August 24, 2021, the Board of Education (Board) adopted an update to the School Upgrade Program (SUP) to integrate Measure RR funding and priorities into its operational framework. The updated SUP framework and the Measure RR Implementation Plan (Implementation Plan) help guide the identification of sites and development of project proposals.

The SUP includes a spending target entitled "*Adult and Career Education Facilities Upgrades*." Projects developed under this category of need include upgrade of IP converge systems, computing devices, school information technology systems and equipment, among others, and are included in the Facilities SEP.

The project proposals contained in this Board Report align with these priorities. Exhibit A includes proposed Projects to provide wireless convergence systems at six adult and career education campuses (Campuses).

The six Campuses are prioritized for a proposed Project due to high volume of trouble calls and network connectivity issues. The existing phone, Public Address (PA), Local Area Network (LAN), Wireless Local Area Network (WLAN), and fiber optic infrastructures are obsolete, leading to operational inefficiencies, frequent disruptions, and an inability to meet the demands of a high-performance 21st-century learning environment.

Bond Oversight Committee Recommendations:

This item was considered by the School Construction Bond Citizens' Oversight Committee (BOC) at its meeting on March 28, 2024. The presentation that was provided is included as Exhibit C. Staff has concluded that this proposed Facilities SEP amendment is in alignment with BOC recommendations and will facilitate Los Angeles Unified School District's (Los Angeles Unified) ability to successfully implement the Facilities SEP.

Expected Outcomes:

Staff anticipates that the Board will define and approve the proposed Projects and amend the Facilities SEP to incorporate therein. Approval will authorize staff to proceed with implementation of the proposed Projects to

improve student health, safety, and the learning environment.

Board Options and Consequences:

Adoption of the proposed action will authorize staff to proceed with the expenditure of Bond Program funds to undertake the proposed Projects. If the proposed action is not approved, Bond Program funds will not be expended, and the facilities needs will remain unaddressed.

Policy Implications:

The proposed Projects are consistent with the District's commitment to address unmet school facilities needs, as described in Los Angeles Unified local bond measures, and provide facilities upgrades to existing adult and career education campuses. The proposed action advances Los Angeles Unified's 2022-2026 Strategic Plan Pillar 4 Operational Effectiveness Modernizing Infrastructure by providing IP converge upgrades at adult and career education campuses.

Budget Impact:

The total combined budget for the six proposed Projects is \$19,983,135. The proposed Projects will be funded with Bond Program funds earmarked specifically for upgrades to adult and career education facilities.

Each budget was prepared based on the current information known and assumptions about the proposed Project scope, site conditions, and market conditions. Individual project budgets will be reviewed throughout the planning, design, and construction phases as new information becomes known or unforeseen conditions arise and will be adjusted accordingly to enable the successful completion of the proposed Projects.

Student Impact:

Approval of the proposed Projects enables Los Angeles Unified to continue ongoing efforts to undertake facilities improvements that help ensure students are provided with safe school environments that promote teaching and learning.

Equity Impact:

Once the proposed Projects are completed, the Campuses will have access to high-speed internet connectivity to incorporate online resources and web-based educational programs, support new technologies for Career Technical Education programs and training, and provide students with digital literacy.

Issues and Analysis:

Staff will implement all opportunities to minimize construction impacts on school operations and existing education programs.

It may be necessary to undertake feasibility studies, site analysis, scoping, and/or due diligence activities on the proposed Projects prior to initiating design. As necessary, the Office of Environmental Health and Safety will evaluate the proposed Projects in accordance with the California Environmental Quality Act to ensure compliance. If through the planning and design process it is determined that the proposed Projects' scope(s) will not sufficiently address the needs identified, the Projects' scopes, schedules and budgets will be revised accordingly.

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Attachments:

Exhibit A: Scope, Budget, and Schedule for Six Internet Protocol Converge Projects at Adult and Career Education Campuses

Exhibit B: BOC Resolution

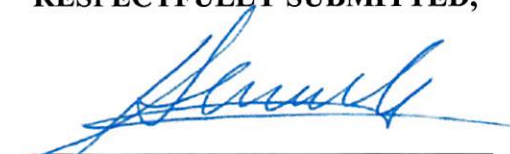
Exhibit C: BOC Presentation

Informatives:


None

Submitted:

03/26/24

RESPECTFULLY SUBMITTED,


ALBERTO M. CARVALHO
Superintendent

APPROVED BY:


PEDRO SALCIDO
Deputy Superintendent,
Business Services and Operations

REVIEWED BY:


DEVORA NAVERA REED
General Counsel

☒ Approved as to form.

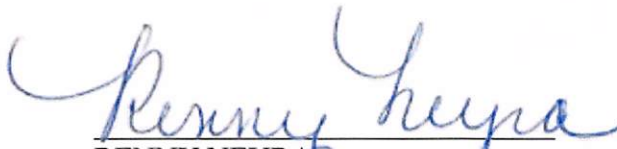
APPROVED BY:


KRISZTINA TOKES
Chief Facilities Executive
Facilities Services Division

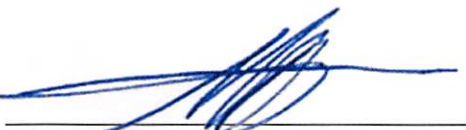
REVIEWED BY:


NOLBERTO DELGADILLO
Deputy Chief Business Officer, Finance

☒ Approved as to budget impact statement.

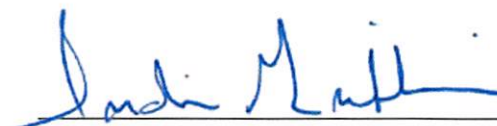
APPROVED BY:


RENNY NEYRA
Executive Director
Division of Adult and Career Education

REVIEWED BY:


SOHEIL KATAL
Chief Information Officer
Information Technology Services

☒ Approved as to technology impact.

PRESENTED BY:


INDIA R. GRIFFIN
Director of Facilities Maintenance and Operations
Facilities Services Division

Description of Projects:

These proposed projects will provide digital convergence of legacy public address systems over the data network, new phone systems, installation of new network equipment, and provide wireless access points. The upgraded systems will support multimedia technologies that include voice, video, and data, as well as new closed-circuit television (CCTV) and intrusion alarm systems.

#	BD	Region	Campus	Project Budget	Anticipated Construction Start	Anticipated Construction Completion
1	3	North	Rinaldi Adult Center	\$1,916,078	Q1-2025	Q4-2025
2	4	West	Venice Skills Center	\$1,916,074	Q2-2025	Q1-2026
3	4	North	West Valley Occupational Center	\$5,222,657	Q4-2024	Q3-2025
4	6	North	North Valley Occupational Center	\$4,150,110	Q1-2025	Q4-2025
5	7	South	Harbor Occupational Center	\$3,222,529	Q4-2024	Q3-2025
6	7	South	Waters Employment Preparation Center	\$3,555,687	Q1-2025	Q4-2025
Total				\$19,983,135		

SCHOOL CONSTRUCTION BOND CITIZENS' OVERSIGHT COMMITTEE

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LAUSD Student Parent
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American Institute of Architects
Dr. Samantha Rowles, Secretary
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Jeffrey Fischbach
CA Tax Reform Assn.
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L.A. City Controller's Office
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31st District PTSA
Santa Ramirez (Alternate)
Tenth District PTSA
Connie Yee (Alternate)
L.A. Co. Auditor-Controller's Office
Vacant
AARP
Vacant
L.A. City Mayor's Office

Joseph P. Buchman – Legal Counsel
Burke, Williams & Sorensen, LLP
Lori Raineri and Keith Weaver – Oversight Consultants
Government Financial Services Joint Powers Authority

Timothy Popejoy
Bond Oversight Administrator
Perla Zitle
Bond Oversight Coordinator

RESOLUTION 2024-11**BOARD REPORT 233-23/24**

**RECOMMENDING BOARD APPROVAL TO DEFINE AND APPROVE SIX INTERNET
PROTOCOL CONVERGE PROJECTS AT ADULT AND CAREER EDUCATION CAMPUSES AND
AMEND THE FACILITIES SERVICES DIVISION STRATEGIC EXECUTION PLAN TO
INCORPORATE THEREIN**

WHEREAS, Los Angeles Unified School District (Los Angeles Unified) Staff proposes that the Board of Education (Board) define and approve six Internet Protocol (IP) Converge Projects at adult and career education campuses with a total combined budget of \$19,983,135 (Projects), as described in Board Report 233-23/24 attached hereto, and amend the Facilities Services Division (Facilities) Strategic Execution Plan (SEP) to incorporate therein; and

WHEREAS, Los Angeles Unified Staff also requests that the Board authorize the Chief Procurement Officer and/or the Chief Facilities Executive and/or their designee(s) to execute all instruments necessary, as legally permissible, to implement the proposed Projects including budget modifications and the purchase of equipment and materials; and

WHEREAS, The School Upgrade Program (SUP) and the Measure RR Implementation Plan, adopted by the Board on August 24, 2021, guide the development of projects to help improve student health, safety, and the learning environment. The SUP includes a spending target entitled "*Adult and Career Education Facilities Upgrades*." Projects developed under this category of need include upgrade of wireless convergence systems, computing devices, school information technology systems and equipment, among others, and are included in the Facilities SEP; and

WHEREAS, The six campuses are prioritized for a proposed Project due to high volume of trouble calls and network connectivity issues. The existing phone, Public Address (PA), Local Area Network (LAN), Wireless Local Area Network (WLAN), and fiber optic infrastructures are obsolete, leading to operational inefficiencies, frequent disruptions, and an inability to meet the demands of a high-performance 21st-century learning environment.

RECOMMENDING BOARD APPROVAL TO DEFINE AND APPROVE SIX INTERNET PROTOCOL CONVERGE PROJECTS AT ADULT AND CAREER EDUCATION CAMPUSES AND AMEND THE FACILITIES SERVICES DIVISION STRATEGIC EXECUTION PLAN TO INCORPORATE THEREIN

WHEREAS, The total combined project budget for the proposed Projects is \$19,983,135. The proposed Projects will be funded by Bond Program funds targeted in the School Upgrade Program for upgrades to adult and career education facilities; and

WHEREAS, The proposed Projects will provide digital convergence of legacy public address systems over the data network, new phone systems, installation of new network equipment, and provide wireless access points. The upgraded systems will support multimedia technologies that include voice, video, and data, as well as new closed-circuit television (CCTV) and intrusion alarm systems; and

WHEREAS, This action is consistent with the Los Angeles Unified's commitment to address unmet school facilities needs, as described in Los Angeles Unified local Bond measures, and provide upgrades to existing adult and career education campuses; and

WHEREAS, The District Office of General Counsel has reviewed the proposed Projects and determined that it may proceed to the Bond Oversight Committee for its consideration for recommendation to the Board of Education; and

WHEREAS, Los Angeles Unified Staff has concluded that this proposed Facilities SEP amendment will facilitate Los Angeles Unified's ability to successfully implement the Facilities SEP.

NOW, THEREFORE, BE IT RESOLVED THAT:

1. The School Construction Citizens' Bond Oversight Committee recommends that the Board of Education define and approve six IP Converge Projects at adult and career education campuses, with a combined budget of \$19,983,135, and amend the Facilities SEP to incorporate therein, as described in Board Report No. 233-23/24, 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 March 28, 2024, by the following vote:

AYES: 9

ABSTENTIONS: 0

NAYS: 0

ABSENCES: 4

/Margaret Fuentes/

Margaret Fuentes
Chair

/Michael Hamner/

D. Michael Hamner
Vice-Chair



Division of Adult and Career Education Projects

Bond Oversight Committee Meeting
March 28, 2024








Division of Adult and Career Education

Internet Protocol (IP) Converge Systems

Description of Work: These projects will provide digital convergence of legacy public address systems over the data network, provide new phone systems, install new network equipment, and provide wireless access points. The upgraded systems will support multi-media technologies that include voice, video, and data as well as support new closed-circuit television (CCTV) and intrusion alarm systems.

Item	Board District	Region	School	Project Budget	Anticipated Construction Start	Anticipated Construction Completion
1	3	N	Rinaldi Adult Center	\$ 1,916,078	Q1-2025	Q4-2025
2	4	N	West Valley Occupational Center	\$ 5,222,657	Q4-2024	Q3-2025
3	4	W	Venice Skills Center	\$ 1,916,074	Q2-2025	Q1-2026
4	6	N	North Valley Occupational Center	\$ 4,150,110	Q1-2025	Q4-2025
5	7	S	Harbor Occupational Center	\$ 3,222,529	Q4-2024	Q3-2025
6	7	S	Waters Employment Preparation Center	\$ 3,555,687	Q1-2025	Q4-2025
Total:				\$ 19,983,135		

The scope of work includes surveying, planning, designing, procuring, installing, configuring, testing and acceptance of new 10 Gigabit fiber infrastructure, LAN/WLAN equipment, copper ethernet cabling/network cabinets, VoIP telephone system, new integrated IP PA Intercommunications solution, intrusion alarm system, and video camera system at the school sites.

Targeted Components	Project Output	Benefit to Students & Schools
 Fiber Optic Cabling	10G fiber for improved capacity and bandwidth speeds	Improves access to online content and provides a safer connection for increased security to enhance online and remote learning instruction.
 Local Area Network (LAN) / Wireless Local Area Network (WLAN)	Faster internet speeds to the classroom and modernized backup batteries	Improves speeds for streaming instructional content, utilizing applications such as Zoom, and accessing / downloading i.e. digital textbook content from the District's LMS.
 Copper Ethernet Cabling / Network Cabinets	1G ethernet cabling for new wireless access points and network cabinets	Enhances reliability and stability of wireless network connections, ensuring uninterrupted access to online resources and educational tools.
 Voice-over-Internet Protocol (VoIP) Phone	Enhanced calling service and integration with PA system with less risk of phone outages	Allows teachers, support staff, and administrators to connect with parents and other school stakeholders more easily and reliably.
 Public Address (PA)	More reliable and integrated PA and phone systems	Improves safety and emergency communications throughout a school and school classrooms.
 Intrusion Alarm (IA)	Real-time monitoring and alerts	Improves campus safety and security by providing alerts for unauthorized access or potential threats.
 Video Camera	High-definition cameras and remote monitoring capabilities	Enhances campus safety by providing coverage of key areas, deterring vandalism, theft, and other negative activities.

Examples of LAUSD School Network System Upgrades

LAN

NEW LAN



PA

NEW PA



PHONES

NEW PHONES



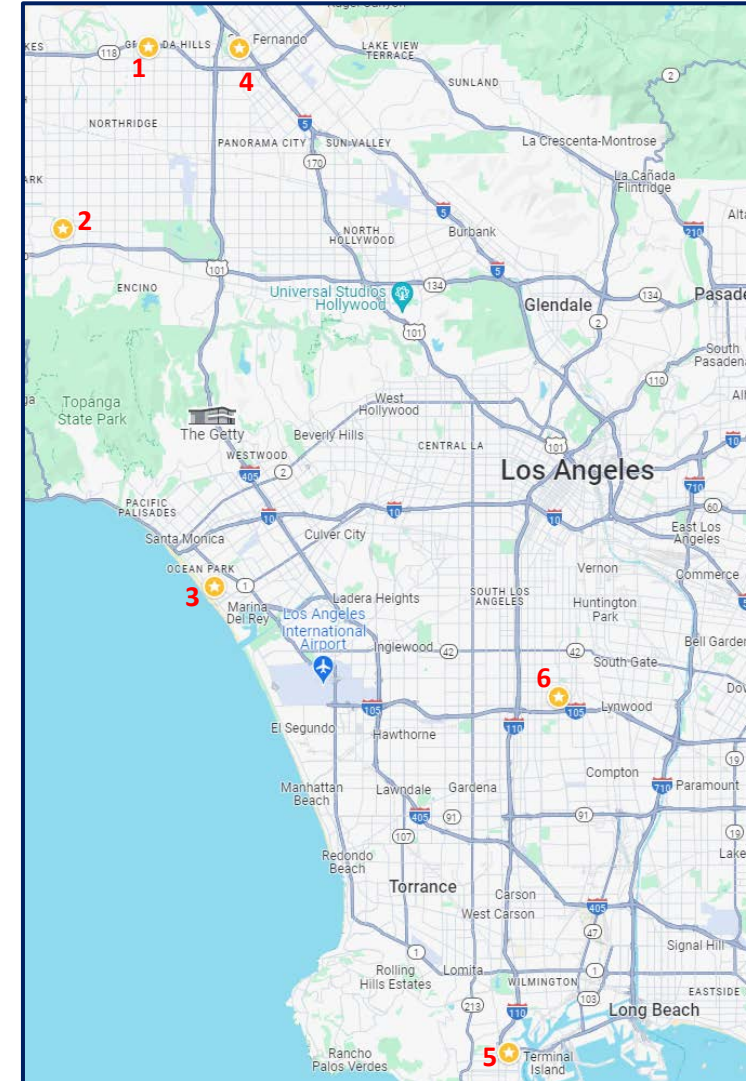
Division of Adult and Career Education

IP Converge Systems

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1. Rinaldi Adult Center (Adult) 17450 RINALDI ST, GRANADA HILLS, CA 91344; 818-366-9171; https://explore.lausd.org/school/1932901/North-Valley-Occupational-Center ; Enrollment: 900 students; Board District 3; Region North
2. West Valley Occupational Center (Adult) 6200 WINNETKA AVE, WOODLAND HILLS, CA 91367; 818-346-3540; https://explore.lausd.org/school/1254201/Charles-White-Elementary-School ; Enrollment: 6,096 students; Board District 4; Region North
3. Venice Skills Center (Adult) 611 5TH AVE, VENICE, CA 90291; 310-664-5820; https://explore.lausd.org/school/1168601/Venice-Skills-Center ; Enrollment: 2,061 students; Board District 4; Region West
4. North Valley Occupational Center (Adult) 11450 SHARP AVE, MISSION HILLS, CA 91345; 818-256-1400; https://explore.lausd.org/school/1932901/North-Valley-Occupational-Center ; Enrollment: 3,509 students; Board District 6; Region North
5. Harbor Occupational Center (Adult) 740 N PACIFIC AVE, SAN PEDRO, CA 90731; 310-241-4800; https://explore.lausd.org/school/1918001/Harbor-Occupational-Center ; Enrollment: 2,884 students; Board District 7; Region South
6. Waters Employment Preparation Center (Adult) 10925 S CENTRAL AVE, LOS ANGELES, CA 90059; 323-357-7700; https://explore.lausd.org/school/1168501/Maxine-Waters-Employment-Prep-Center ; Enrollment: 4,861 students; Board District 7; Region South

Note: Data per LAUSD Open Data Portal with Student Enrollment as of 2023-2024.



Questions?