

REPORT: E-Rate Structured Cabling and Structured Fiber Cabling

REPORT OF: Business Office/Technology

FOR: Information

STRATEGIC GOAL ALIGNMENT: *Board Strategic Plan Goal V*

STRATEGIC OBJECTIVE ALIGNMENT:

Through collective responsibility, establish a physical and operational environment of safety, cleanliness, innovative spaces and high expectations, partnering with parents, families, community and industry to ensure the highest level of performance by all stakeholders.

FISCAL FUND IMPACT: 2025-2026 E-Rate, 20% from the Bond

IMPACT AMOUNT: Structured Cabling- \$28,248.43 (20% of \$141,242.15). Structured Fiber Cabling- \$21,215.81 (20% of \$106, 079.04)

EXECUTIVE SUMMARY/BACKGROUND:

As we continue to implement the plan for the bond, this project will cover replacing structured cabling (standardized system of organizing and installing the physical infrastructure for telecommunications and data transfer in a building or campus) and structured fiber cabling (designing and installing fiber optic cable systems to support high-speed data, voice, and video communication across a building or campus) for the following schools- STRUCTURED CABLING: Birney K-8, Levey Middle School, Thompson K-8, Stevenson Elementary, Vandenberg World Cultures Academy. STRUCTURED FIBER CABLING- Southfield High School for Arts and Technology, Birney K-8, Bussey Early Childhood, Kennedy Learning Center, Levey Middle School and Vandenberg World Cultures Academy. We are utilizing the E-Rate program for this project, which will allow us to receive up to 80% back on this project. We released an RFP with a bid opening on 2/29/2025 We received 5 bids for structured cabling. We received 3 bids for structured fiber cabling. Nerds Xpress provided the lowest and complete bid for both projects.

COST BENEFIT ANALYSIS: We are improving and enhancing our valuable network infrastructure.

RECOMMENDATION:

It is the recommendation of the Superintendent that the Board of Education authorize the payments of \$28,248.43 and \$21,215.81 to Nerds Xpress.

IMPACT IF NOT APPROVED:

Network capability and stability will not be optimal to support staff and systems.

NEXT STEPS IF APPROVED:

The Technology Department will schedule a kickoff meeting, get material ordered, and build out a schedule to complete all work.