SCHOOL BOARD ACTION REPORT

DATE: November 1, 2019
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For Introduction: January 8, 2020
For Action: January 22, 2020

1.   TITLE

Purchase of Student and Staff Technology for new BEX IV Schools

2.   PURPOSE

The purpose of this Board action is to approve the purchase of Student and Staff technology for the new Buildings Excellence IV (BEX IV) Capital Levy and the Buildings, Technology and Academics/Athletics IV (BTA IV) Renovation Projects, K-3 Class Size Reduction, Portables and Enrollment Growth Capacity Classrooms opening Summer 2020. The approval of this motion will provide technology for the BTA IV Projects for the Webster Building, Daniel Bagley Elementary School, Wing Luke Elementary School, and additional portables and capacity classrooms districtwide.

3.   RECOMMENDED MOTION

I move that the School Board authorize the Superintendent to execute purchase orders through various vendors for a total not-to-exceed $3,100,000, plus Washington State Sales Tax, during the fiscal years 2019-2020 and 2020-2021, and to take any necessary actions to implement the purchase orders.

4.   BACKGROUND INFORMATION

a. **Background** In summer and winter 2020**,** three schools' construction projects will be completed, including the Webster School, Daniel Bagley Elementary and Wing Luke Elementary. These newly built and/or remodeled schools will need to have technology purchased to provide an enriched learning experience for the students, in addition to providing the teachers with the tools that they need to instruct successfully. These purchase orders use volume pricing available through a competitive process initiated in 2018 and 2019. Each of these schools will be outfitted with new technology as part of the standard Building Opening Process. All classrooms will receive the appropriate Teacher Work Station (matching the mobile device rollout that the Department of Technology Services (DoTS) along with Curriculum and Instruction (C&I) is currently implementing), a Presentation Computer, as well as an allotment of Student Devices. As a part of the DoTS plan, the Student Devices will be mobile devices as well, which will be housed in a secure location within the classrooms. DoTS, as well as Teaching and

Learning, have developed a vision of incorporating more mobile devices into the classroom, which not only allows for more interactive teaching and learning, but also allows the district to obtain more devices for deployment across the schools.

b. **Alternatives** Do not approve this motion. This is not recommended because these new schools will be without technology for staff or student use beginning in the 2020-2021 school year.

c. **Research** The technology plan has a high degree of alignment with student competencies outlined in the newly adopted Washington State K-12 Educational Technology Standards. In 2017 and 2018, equipment was selected based on instructor and student input and is in alignment with the current district standard for classroom and schools. Pricing was secured via RFP and bids through various vendors.

5. FISCAL IMPACT/REVENUE SOURCE

Fiscal impact to this action will be the one-time cost for the purchase of technology needs for a total not-to-exceed $3,100,000. The Capacity/Portables total will be spent on an as needed basis as needs for additional classrooms are identified based on enrollment projections and start of school enrollment numbers. The total below is based on 50 classrooms/$16k each.

The revenue source for this motion is BEX and BTA IV.

Expenditure: ☒ One-time ☐ Annual ☐ Multi-Year ☐ N/A

Revenue: ☐ One-time ☐ Annual ☐ Multi-Year ☒ N/A

Project	Funding Source	Total
Daniel Bagley ES	BTA IV/2910/2800 Split	$750K
Webster Building	BTA IV/2910	$750K
Wing Luke ES	BEX IV/2800	$800K
Capacity/Portables	BEX IV/2800	$800K

6. COMMUNITY ENGAGEMENT

With guidance from the District's Community Engagement tool, this action was determined to merit the following tier of community engagement:

☐ Not applicable

☐ Tier 1: Inform

☒ Tier 2: Consult/Involve

☐ Tier 3: Collaborate

In February 2013, 72% of Seattle voters approved the BEX IV Capital levy. This levy was the culmination of an eighteen-month long process analyzing the facilities needs of the district and supports the district's long-range plans to upgrade and renovate aging school facilities. The process included countless hours of planning, coordinating efforts throughout the district, community engagement and feedback, extensive Seattle School Board guidance and input that lead to a unanimous Seattle School Board vote in November 2012 that approved the BEX IV projects list.

Furthermore, the district's community engagement tool kit was applied to this proposed purchase of staff and student technology for new BEX IV schools and BTA IV projects with Tier 2: Consult and Involve being the most applicable level of engagement identified.

7.   EQUITY ANALYSIS

This motion was not put through the process of an equity analysis. The selection of projects in the BTA IV and BTA IV programs were designed to provide equitable access to technology to all schools across the city. All schools will receive the same technology and quantities in accordance with district standards. All students and staff deserve to have access to equipment that supports an equitable learning experience.

8.   STUDENT BENEFIT

Among the many benefits to students that access to technology will provide, three stand out. Given regular and consistent access to technology, students will be able to:
- Leverage current digitally-based learning tools
- Meet standards set forth by Washington State Superintendent of Public Instruction (OSPI) as well as the International Society for Technology in Education (ISTE)
- Hone technology-based fluency resulting in graduating students that are "Seattle Ready"

Teachers will be able to:
- Use present-day instructional technologies
- Access SPS-required systems
- Access data for Multi-Tiered System of Supports (MTSS)
- Be productive with resources like Office365 and online resources

In addition to improving students' learning, technology is specifically called out in standards set forth by the state's adopted Education Technology Standards:

> The Washington State Legislature Revised Code of Washington (RCW 28A.650) includes a technology outline and recognizes that up-to-date tools will help students learn. The State of Washington Office of The Superintendent of Public Instruction (OSPI) guidelines include students using technology within all content areas to collaborate, communicate, generate innovative ideas, investigate, and solve problems; as well as being effective digital citizens by demonstrating a clear understanding of technology systems and operations and practice safe, legal, and ethical behavior.

The International Society for Technology in Education (ISTE) outlines seven core standards;

documented below, that have been included in the development of Washington State standards:

1. Empowered Learner - Students leverage technology to take an active role in choosing, achieving and demonstrating competency in their learning goals, informed by the learning sciences.
2. Digital Citizen - Students recognize the rights, responsibilities and opportunities of living, learning and working in an interconnected digital world, and they act and model in ways that are safe, legal and ethical.
3. Knowledge Constructor - Students critically curate a variety of resources using digital tools to construct knowledge, produce creative artifacts and make meaningful learning experiences for themselves and others.
4. Innovative Designer - Students use a variety of technologies within a design process to identify and solve problems by creating new, useful or imaginative solutions.
5. Computational Thinker - Students develop and employ strategies for understanding and solving problems in ways that leverage the power of technological methods to develop and test solutions.
6. Creative Communicator - Students communicate clearly and express themselves creatively for a variety of purposes using the platforms, tools, styles, formats and digital media appropriate to their goals.
7. Global Collaborator - Students use digital tools to broaden their perspectives and enrich their learning by collaborating with others and working effectively in teams locally and globally.

9. WHY BOARD ACTION IS NECESSARY

☒ Amount of contract initial value or contract amendment exceeds $250,000 (Policy No. 6220)

☐ Amount of grant exceeds $250,000 in a single fiscal year (Policy No. 6114)

☐ Adopting, amending, or repealing a Board policy

☐ Formally accepting the completion of a public works project and closing out the contract

☐ Legal requirement for the School Board to take action on this matter

☐ Board Policy No._____, [TITLE], provides the Board shall approve this item

☐ Other: _____

10. POLICY IMPLICATION

Per Board Policy No. 6220, Procurement, any contract over $250,000 must be brought before the Board for approval.

11. BOARD COMMITTEE RECOMMENDATION

This motion was discussed at the Operations Committee meeting on December 5, 2019. The Committee reviewed the motion and recommended for approval.

12. **<u>TIMELINE FOR IMPLEMENTATION</u>**

Upon Board approval of this request, purchase orders will be executed to begin the procurement process. The timeline averages eight to ten weeks from procurement to classroom readiness. This includes processing from the vendor as well as delivery, and then asset tagging at the District Warehouse, installation in the school buildings and appropriate configuration by the DoTS staff. These classrooms will be completed and ready for use for the start of school in September 2020.

13. **<u>ATTACHMENTS</u>**

- Not Applicable