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Michael Wilkes
Director of Technology
Geneva School District 304

To: Dr. Kent Mutchler
From: Michael Wilkes
Date: May 29, 2018
Re: PLTW Lab Computer Purchase Recommendation

In support of the Project Lead The Way (PLTW) program at GHS, this purchase recommendation seeks to replace the equipment in both PLTW labs. The District sought quotes from several vendors to identify and select replacement computers and monitors that best met the PLTW recommendations.

High performance computing is a must, for this specialized curriculum, as the software required for the program utilize large amounts of memory and processing power. The computers being recommended for purchase are designed to support the requirements of the PLTW curriculum over several years. Additionally, the monitors in one of the labs will be replaced with larger format screens to provide greater screen real estate for students and consistency between the two labs.

After review of all quoted computers and components, Heartland Business System's quote is the recommended purchase. Please refer to the table below for details. This purchase is fully funded through the generous support of the Fabyan Foundation. No additional District funds will be needed as the equipment is below the projected budget for this project.

Item	Cost
54 Z240 Desktops	\$59,292
28 23" LED Monitors	\$ 4,256
Total Cost	\$63,548

Regarding the existing equipment in these labs:

- One lab was purchased on a 3-year FMV lease. This equipment will be returned to the leasing company this summer.
- The computers in the second lab will be re-distributed through the District to support the much-needed upgrade of desktop computers at several locations.

Thank you for your consideration.