

**Purchase Request # 2**  
**Regular Board Meeting January 22, 2019**

**Consideration of Approval to Purchase Electronic Data Acquisition Systems**

**ADMINISTRATION RECOMMENDATION/REPORT**

The District President recommends the Board of Trustees approve a contract to purchase electronic data acquisition systems from MicroLAB, Inc. for the Math and Natural Sciences department.

**BACKGROUND**

The data acquisition systems will replace obsolete wired systems in the chemistry labs. The integrated system simultaneously incorporates multiple probes, allows simultaneous readings and allows the students to test different experimental designs.

Request for proposal (RFP) Number 4212 was issued to procure data acquisition systems for the Plano, McKinney and Frisco chemistry labs. One (1) response was received and evaluated by a team consisting of faculty and staff who determined the proposal submitted by MicroLab, Inc. to be both responsible and responsive to all solicitation requirements.

**IMPACT OF THIS ACTION**

The purchase of new data acquisition systems will provide students with a system that is specifically designed for use in chemistry. The system allows for varied experiments with high accuracy and precision, quick data collection, unlimited downloads for faculty and students with free upgrades, low maintenance costs, long life and sustainable over time. The current wired systems in use were designed for Physics and have become obsolete.

**BUDGET INFORMATION (INCLUDING ANY STAFFING IMPLICATIONS)**

This purchasing request is for spend authorization for \$96,377.00, which is budgeted in the Math and Natural Sciences departments' FY19 operating budget.

**RESOURCE PERSONNEL**

Brenda Kihl                      Executive Vice President

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