



## MEMORANDUM

### Office of the Vice President for Workforce Development

**To:** Dr. Ponce and the Board of Trustees

**From:** DeDe Griffith

**Date:** July 20, 2026

**Re:** Consider purchasing two (2) FACET Electrical Systems Training Laboratories and two (2) professional soldering workstations from Advanced Technologies Consultants through **TIPS Cooperative Contract #250802** for Temple College workforce programs, funded by the **Texas Higher Education Coordinating Board TRUE Construction Grant** in the amount of **\$65,611.00**.

Staff Recommendation:

### Approval

The Board is asked to consider the purchase of two (2) FACET Electrical Systems Training Laboratories and two (2) professional soldering workstations from Advanced Technologies Consultants through **TIPS Cooperative Contract #250802**. The purchase will be funded through the Texas Higher Education Coordinating Board (THECB) TRUE Construction Grant.

The equipment will support instruction in electrical systems, residential and commercial wiring, electronics fundamentals, instrumentation, troubleshooting, building automation, industrial controls, and other workforce education programs that require advanced electrical and electronic competencies.

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### Purchase Approval

#### Description

Consider purchasing two (2) FACET Electrical Systems Training Laboratories and two (2) professional soldering workstations from Advanced Technologies Consultants through **TIPS Cooperative Contract #250802**, funded by the Texas Higher Education Coordinating Board (THECB) TRUE Construction Grant.



## Recommendation

The Board is asked to approve the purchase of two (2) FACET Electrical Systems Training Laboratories and two (2) professional soldering workstations from Advanced Technologies Consultants through **TIPS Cooperative Contract #250802** for Temple College workforce programs, funded through the Texas Higher Education Coordinating Board TRUE Construction Grant.

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## Background

Temple College continues expanding workforce education through funding provided by the Texas Higher Education Coordinating Board's Texas Reskilling and Upskilling through Education (TRUE) Construction Grant. The grant supports the development of modern instructional laboratories that prepare students for careers in construction, industrial technology, electromechanical systems, and advanced manufacturing.

Today's workforce requires technicians who understand traditional electrical installation as well as electronic controls, instrumentation, low-voltage systems, industrial automation, building automation, and electrical troubleshooting. Employers increasingly seek graduates who possess both electrical theory and hands-on diagnostic skills across multiple industries.

The proposed purchase includes two (2) FACET Electrical Systems Training Laboratories and two (2) professional soldering workstations. These instructional systems provide comprehensive training in DC and AC electrical fundamentals, semiconductor devices, analog and digital electronics, operational amplifiers, instrumentation, electronic measurement, magnetism, circuit construction, and troubleshooting using industry-standard modular training equipment. The soldering workstations provide students with practical experience in electronic assembly, repair, and circuit fabrication.

The equipment will support instruction across multiple Temple College workforce programs while maximizing utilization of grant-funded resources and serving students enrolled in both credit and non-credit workforce training.

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## Purpose

The instructional package includes:

- Two (2) FACET Electrical Systems Training Laboratories
- Two (2) Professional Soldering Workstations



- Shipping
- Installation

The equipment will provide students with industry-aligned knowledge, skills, and abilities in:

- Residential and commercial electrical fundamentals
- DC and AC circuit analysis
- Semiconductor devices
- Analog and digital electronics
- Operational amplifier applications
- Electronic measurement and instrumentation
- Circuit assembly and soldering techniques
- Electrical troubleshooting and diagnostics
- Industrial electrical systems
- Building automation fundamentals
- Low-voltage electrical systems
- Workforce preparation for residential, commercial, and industrial electrical careers

The equipment will support instruction within the following Temple College workforce programs:

- Construction Management & Technology
- Electrical Technology
- Workforce Continuing Education
- Customized Industry Training
- Apprenticeship Programs
- Building Technology & Automation Initiatives

By providing industry-standard instructional systems that integrate electrical theory with practical application, Temple College will strengthen workforce preparation while supporting regional employer demand for graduates with advanced electrical and electronics competencies.

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## Fiscal Impact

The purchase will be made through **Advanced Technologies Consultants** utilizing **TIPS Cooperative Contract #250802**, ensuring a compliant and cost-effective procurement process.

Funding will be provided through the **Texas Higher Education Coordinating Board TRUE Construction Grant**.



Purchases made through the **TIPS Cooperative** satisfy the competitive procurement requirements of **Texas Education Code §44.031**.

Total Purchase Amount

**\$65,611.00**

- Equipment: **\$62,938.00**
- Shipping: **\$2,673.00**
- Installation: **Included**
- **Grand Total: \$65,611.00**

Funds Available

\_\_\_\_\_ Budgeted

\_\_\_\_\_ Fund Balance

**X Other:** Texas Higher Education Coordinating Board TRUE Construction Grant

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Approved:

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**Dr. Gisela Figueroa**

Associate Vice President for Finance

Date: \_\_\_\_\_

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**Glenn Graham**

Vice President for Finance

Date: \_\_\_\_\_