



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 welding laboratory furniture and instructional equipment from Advanced Technologies Consultants through **TIPS Cooperative Contract #250802** for the Temple College Workforce & Visual Arts Building, funded by the **Capital Campaign Equipment & Naming Fund**.

Staff Recommendation: Approval

The Board is asked to consider the purchase of welding laboratory furniture and instructional equipment from Advanced Technologies Consultants through **TIPS Cooperative Contract #250802** for the Temple College Workforce & Visual Arts Building. The purchase will be funded through the Capital Campaign Equipment & Naming Fund. The equipment will establish four complete instructional welding workstations that support workforce education, academic instruction, customized industry training, and advanced manufacturing initiatives in welding, fabrication, metalworking, and construction technologies.

Purchase Approval

Description

Consider purchasing welding laboratory furniture and instructional equipment from Advanced Technologies Consultants through **TIPS Cooperative Contract #250802** for the Temple College Workforce & Visual Arts Building, funded by the Capital Campaign Equipment & Naming Fund.

Recommendation

The Board is asked to approve the purchase of welding laboratory furniture and instructional equipment from Advanced Technologies Consultants through **TIPS Cooperative Contract #250802** for the Temple College Workforce & Visual Arts Building, funded by the Capital Campaign Equipment & Naming Fund.

Background

Temple College continues to expand workforce education in welding, metal fabrication, and advanced manufacturing by developing instructional laboratories that replicate modern industrial production environments. As enrollment grows and new workforce programs are introduced, the College is investing in instructional spaces that provide students with hands-on experience using professional-grade equipment found throughout today's manufacturing, fabrication, construction, energy, and industrial sectors.

The proposed purchase will establish four complete instructional welding workstations consisting of heavy-duty welding booths, welding positioners, mobile welding and fabrication tables with integrated fixturing systems, and adjustable welding stools. These workstations will create a safe, flexible, and industry-representative instructional laboratory that supports individual skill development, fabrication projects, industry certification preparation, and customized employer training.

The laboratory furniture and instructional equipment will support instruction within Temple College's Robotic & Orbital Welding Certificate, Metal Laboratory Technician Certificate, Additive & Subtractive Manufacturing programs, Construction Technology, Workforce Continuing Education, apprenticeship programs, and customized contract training. The laboratory is also designed to support future expansion into robotic welding, automated fabrication, precision manufacturing, and industrial research initiatives.



Purpose

The welding laboratory furniture and instructional equipment package includes:

- One (1) heavy-duty 60-inch × 60-inch starter welding booth with strip curtains.
- Three (3) heavy-duty 60-inch × 60-inch add-on welding booths with strip curtains.
- Four (4) industrial welding positioners.
- Four (4) mobile welding and fabrication tables with integrated fixturing kits.
- Four (4) adjustable stainless steel welding stools.

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

- Welding laboratory safety and organization.
- Fabrication layout and assembly.
- Weld fixturing and precision alignment.
- Pipe and structural welding positioning.
- Material handling and workpiece positioning.
- Production workflow and fabrication efficiency.
- Industrial fabrication techniques.
- Welding project setup and execution.
- Preparation for industry-recognized welding certifications.

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

- Robotic & Orbital Welding Certificate
- Metal Laboratory Technician Certificate
- Additive & Subtractive Manufacturing
- Construction Technology
- Workforce Continuing Education
- Customized Industry Training
- Apprenticeship Programs
- Industrial Manufacturing Initiatives

By providing professional-grade welding laboratory furniture and instructional equipment, Temple College will create an instructional environment that mirrors current industry practices while preparing students for careers in welding, fabrication, construction, advanced manufacturing, industrial maintenance, aerospace, energy, and other skilled trades.



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 drawn from the **Capital Campaign Equipment & Naming Fund**.

Purchases made through the TIPS Cooperative satisfy the required bidding laws found within **Texas Education Code §44.031**.

The equipment package includes:

- One (1) heavy-duty starter welding booth.
- Three (3) heavy-duty add-on welding booths.
- Four (4) industrial welding positioners.
- Four (4) mobile welding and fabrication tables with integrated fixturing kits.
- Four (4) adjustable stainless steel welding stools.
- Shipping and installation.

Total Purchase Amount: \$38,627.00

Funds Available

_____ Budgeted

_____ Fund Balance

X Other: Capital Campaign Equipment & Naming Fund

Approved:

Dr. Gisela Figueroa Date

Associate Vice President for Finance

Glenn Graham Date



Vice President for Finance
