



MEMORANDUM

Office of the Vice President for Administrative Services

To: Dr. Ponce and the Board of Trustees

From: DeDe Griffith

Date: August 8/19/2025

Re: Consider purchasing Roots integrated robotics & advanced manufacturing (Medallion line) training equipment from Advanced Technologies Consultants through the TIPS #210902 for the Temple College at Taylor Campus, funded by Governor Abbot's Texas Semiconductor Innovation Fund.

Staff Recommendation: Approval

The Board is asked to consider a purchase of the Roots integrated robotics & advanced manufacturing (Medallion line) training equipment from Advanced Technologies Consultants through the TIPS # 210902 for the Temple College at Taylor Campus, funded by Governor Abbot's Texas Semiconductor Innovation Fund.



Purchase Approval

Description: Consider purchasing the Roots integrated robotics & advanced manufacturing (Medallion line) training equipment from Advanced Technologies Consultants through the TIPS # 210902 for the Temple College at Taylor Campus, funded by Governor Abbot's Texas Semiconductor Innovation Fund.

Recommendation: The Board is asked to consider purchasing the Roots integrated robotics & advanced manufacturing (Medallion line) training equipment from Advanced Technologies Consultants through the TIPS # 210902 for the Temple College at Taylor Campus, funded by Governor Abbot's Texas Semiconductor Innovation Fund.

Background

Temple College continues to expand its advanced manufacturing training capacity to meet regional workforce needs. The Roots Integrated Robotics & Advanced Manufacturing (Medallion Line) Training Equipment from Advanced Technologies Consultants provides a comprehensive "Learning Factory" environment. Students will gain first-hand experience in assembling, integrating, programming, producing, packaging, and preparing manufactured products.

The system includes advanced stations such as **Laser Etching, Q-Span Metrology, and Automated Handling**, giving students exposure to industry-standard processes. Faculty will benefit from **train-the-trainer sessions**, on-site ongoing co-teaching and coaching, and access to a **turn-key Learning Management System (LMS)**, ensuring long-term instructional support and curriculum flexibility.

Purpose

The Learning Factory will provide students with industry-aligned Knowledge, Skills, and Abilities (KSAs) in the following areas:

- **Automation of Key Processes:** 3D Bin Picking, Product Assembly, Surface Preparation & Polishing, Metrology, Quality Inspection, Packaging, and Autonomous Mobile Robot Delivery.
- **Career Readiness:** Prepares students for employment in Advanced Manufacturing, Metallic 3D Printing, and Global Logistics.



- **Pathway Development:** Supports student progression into roles as programmers, process experts, and robotic maintenance technicians.

Fiscal Impact

The purchase will be made through **Advanced Technologies Consultants** utilizing the **TIPS Contract #210902**, ensuring a compliant and cost-effective procurement process. Funding will be drawn from the designated allocation from Governor Abbot's Texas Semiconductor Innovation Fund.

Purchases made from Advanced Technologies Consultants through the TIPS Cooperative satisfy the required bidding laws found within Texas Education Code 44.031. ATC provides: As with all ATC purchases, this will include an additional year of warranty extended past the manufacturer warranty, Service for the lifetime of the equipment, unlimited training and retraining instructors (remote and in person as available).

Funds Available:

_____ Budgeted

_____ Fund Balance

 X Other: Texas Semiconductor Innovation Fund

Approved:

Dr. Gisela Figueroa

Associate Vice President for Finance

Date