



MEMORANDUM

Office of the Vice President for Administrative Services

To: Dr. Ponce and the Board of Trustees

From: DeDe Griffith

Date: March 7, 2025

Re: Consider purchasing semiconductor training equipment from Advanced Technologies Consultants through the Equalis Group Cooperative Contract # EQ-052920-01G.

Staff Recommendation: Approval

The Board is asked to consider a purchase from Advanced Technologies Consultants through the Equalis Group Cooperative Contract # EQ-052920-01G for semiconductor training equipment.



Purchase Approval

Description: Consider purchasing semiconductor training equipment from Advanced Technologies Consultants through the Equalis Group Cooperative Contract # EQ-052920-01G.

Recommendation: The Board is asked to consider a purchase from Advanced Technologies Consultants through the Equalis Group Cooperative Contract # EQ-052920-01G for semiconductor training equipment.

The Semiconductor equipment will be located at the Temple College Taylor Campus for workforce training in cutting edge program pathways that have been established with industry partners on board. The Semiconductor Integrated Manufacturing and Engineering System will support specialized semiconductor training with equipment in automated robotic chip manufacturing, a mock clean room, a simulated wafer production line, and integrated wafer packaging and logistics. Along with stackable credentials, each program includes embedded industry-based credentials, designed to align with Texas Education Agency K-12 dual credit pathways and lead into a Bachelor's of Applied Arts and Sciences as a partnership with Texas A&M Central Texas. The needed equipment and training system have been designed and curated with career semiconductor engineers.

The Temple College Taylor Campus Workforce Center's advanced manufacturing training system includes an integrated robotics credential for a highly specialized technician needed by the advanced manufacturing and semiconductor industry. Students will be armed with strong skills in additive and subtractive manufacturing including metallic 3D printing, CNC production, programmable logic-controlled systems, cyber-enabled manufacturing, packaging systems for production and maintenance and water reclamation and processing. In short, this vision means thousands of excellent jobs for Texans.

Purchases made from Advanced Technologies Consultants through the Equalis Cooperative satisfy the required bidding laws found within Texas Education Code 44.031.

This purchase of the Roots Semiconductor Line t \$1, 908, 479 is phase I of the equipment needed to fully develop the integrated system. The purchase is specifically for the semiconductor processing side of the program. The entire project is supported by the Texas Semiconductor Innovation Fund grant award totaling \$9.8M. Based on the information provided, the Board is asked to consider a purchase from Advanced Technologies Consultants through the Equalis Group Cooperative Contract # EQ-052920-01G for semiconductor training equipment.. The Board of Trustees is also asked to authorize the President to approve any change orders up to the amount allowed by the Texas Education Code 44.0411.

Funds Available:

_____ Budgeted

Item 9-F



_____ Fund Balance

 X Other: Texas Semiconductor Innovation Fund

Approved:

Dr. Gisela Figueroa

Associate Vice President for Finance

Date