



MEMORANDUM

Office of the Vice President for Workforce Development

To: Dr. Ponce and the Board of Trustees

From: DeDe Griffith

Date: June 15, 2026

Re: Consider purchasing a Water Reclamation and Treatment Training Station from Advanced Technologies Consultants through the TIPS Cooperative Contract #250802 for the Temple College Workforce and Visual Arts Building, funded by the Capital Campaign Naming and Equipment Budget.

Staff Recommendation: Approval

The Board is asked to consider the purchase of a Water Reclamation and Treatment Training Station from Advanced Technologies Consultants through the TIPS Cooperative Contract #250802 in the amount of \$355,434.00 for the Temple College Workforce and Visual Arts Building. The purchase will be funded through the Capital Campaign Naming and Equipment Budget. The equipment will support workforce training and academic programs in water reclamation, wastewater treatment, environmental technologies, semiconductor manufacturing support systems, and industrial sustainability.



Purchase Approval

Description

Consider purchasing a Water Reclamation and Treatment Training Station from Advanced Technologies Consultants through the TIPS Cooperative Contract #250802 for the Temple College Workforce and Visual Arts Building, funded by the Capital Campaign Naming and Equipment Budget.

Recommendation

The Board is asked to approve the purchase of a Water Reclamation and Treatment Training Station from Advanced Technologies Consultants through the TIPS Cooperative Contract #250802 in the amount of \$355,434.00 for the Temple College Workforce and Visual Arts Building, funded by the Capital Campaign Naming and Equipment Budget.

Background

Temple College has developed a new Water Reclamation Technician Level I Certificate designed to prepare technicians and operators for careers in industrial and municipal water reclamation systems. The program provides students with hands-on experience in water and wastewater treatment, environmental sampling, regulatory compliance, system calculations, and advanced water reuse technologies utilized in industrial settings. The certificate aligns with Texas Commission on Environmental Quality (TCEQ) licensing standards and prepares graduates to pursue employment in water reclamation and environmental technology occupations.

The need for water reclamation training continues to grow throughout Central Texas as population growth, drought conditions, industrial expansion, and increasing water demand place greater emphasis on water conservation, treatment, and reuse. Major industrial facilities, including semiconductor manufacturing operations and hyperscale data centers, require significant water treatment and reclamation capacity and depend upon a skilled workforce capable of operating and maintaining these systems.

The Water Reclamation Technician certificate complements Temple College's Automated Manufacturing and Semiconductor Engineering Technology pathway by preparing technicians to support critical utility, treatment, and water reuse systems required by modern semiconductor fabrication facilities. Industry partners provided input during program development and identified a growing need for trained water reclamation professionals.

The proposed Water Reclamation and Treatment Training Station will provide students with hands-on experience using industry-relevant equipment and processes that mirror modern industrial and municipal water treatment operations. The equipment will support both credit and accelerated non-credit workforce training programs and will serve as a cornerstone laboratory component of the Water Reclamation Technician certificate program.

Purpose

The Water Reclamation and Treatment Training Station will provide students with industry-aligned knowledge, skills, and abilities in the following areas:

- Water and wastewater treatment operations.
- Industrial water reclamation and reuse systems.
- Closed-loop and zero-liquid-discharge technologies.
- Environmental sampling and laboratory testing.
- Water quality monitoring and analysis.
- Regulatory compliance and reporting.
- Industrial process water treatment systems.
- Semiconductor manufacturing utility support systems.
- Sustainable water management practices.
- Preparation for TCEQ Class D and Class C Water Operator licensing pathways.

By providing students with hands-on experience in advanced water treatment technologies, Temple College will strengthen the regional workforce pipeline supporting municipalities, utilities, semiconductor manufacturers, data centers, and other water-intensive industries throughout Central Texas.

Fiscal Impact

The purchase will be made through Advanced Technologies Consultants, utilizing the TIPS Cooperative Contract #250802, ensuring a compliant and cost-effective procurement process. Funding will be drawn from the Capital Campaign Naming and Equipment Budget.

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

The equipment package includes the addition of a Water Reclamation and Treatment Training Station for the Workforce and Visual Arts Building. The total purchase amount is **\$355,434.00**, including shipping.

Funds Available

_____ Budgeted

_____ Fund Balance

X Other: Capital Campaign Naming and Equipment Budget

Approved:

Dr. Gisela Figueroa Date

Associate Vice President for Finance

Glenn Graham Date

Vice President for Finance