

Purchase Request #3
Regular Board Meeting June 3, 2019

**Consideration of Approval to Purchase Non-Destructive Testing Lab Equipment for the
Center for Petrochemical, Energy, and Technology**

ADMINISTRATION RECOMMENDATION/REPORT

The administration recommends that the Board of Trustees approve the purchase of non-destructive testing lab equipment for the Central Campus Center for Petrochemical, Energy, and Technology (CPET) facility from multiple suppliers.

BACKGROUND

Non-destructive testing lab equipment will be purchased to furnish classrooms and labs in the CPET facility. This equipment includes testing and inspection equipment such as: eddy current and ultrasonic probes and calibration blocks; radiographic film scanning and viewing equipment/software; magnetic particle testing bench; impact and tensile tester; metallurgical polishing unit; microscope cameras; positive material identification X-ray fluorescence tester and samples; heat-treating furnaces, metrology tools, and computer numerical control mill; and machine shop equipment.

The new equipment will be used in both the classrooms and laboratories to simulate the actual industrial practices associated with the inspection and testing of materials. Much of this equipment contains new technology which has become a mainstay of the industries in our region, and is increasingly needed in order to develop the students' skillset required to be successful in the workplace.

A request for proposals, Project Number 19-26, was issued to procure non-destructive testing lab equipment. Eighteen (18) responses were received and evaluated by a team consisting of Non-Destructive Testing faculty who determined that an award recommendation made to multiple suppliers would provide the best value to the College for each respective item.

IMPACT OF THIS ACTION

The purchase and installation of this training equipment will update or replace much of the aging or non-operational equipment currently in use by the department, as well as provide additional training units in order to support credit classes and short-term incumbent training.

The equipment will also transform training to current industry standards, giving students the opportunity to learn how to operate specific pieces of equipment to national standards. Furthermore, the new equipment will also make students more marketable, ensuring student success in the workplace, and providing the path to certification.

BUDGET INFORMATION (INCLUDING ANY STAFFING IMPLICATIONS)

The expenditure for this request will not exceed \$420,000 and will be funded from the 2015 Bond Program.

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MONITORING AND REPORTING TIMELINE

Lab equipment will be purchased and installed to coincide with the opening of the CPET facility. Purchases will be monitored by San Jacinto College Capital Projects personnel. Program management will be provided by Rizzo and Associates.

ATTACHMENTS

Attachment 1 – Tabulation

RESOURCE PERSONNEL

Chuck Smith	281-998-6341	charles.smith@sjcd.edu
Ann Kokx-Templet	281-998-6103	ann.kokx-templet@sjcd.edu
Patsy Laredo	281-998-6106	patsy.laredo@sjcd.edu

Project Name Non-Destructive Testing Lab Equipment
Project Number 19-26

Final Ranking

Vendor Name	Total Value Awarded
Allied High Tech Products	\$32,825.30
Baker Hughes a GE Company	\$4,615.00
Baron Blakeslee SFC Inc.	\$19,680.00
Enviro Tech International, Inc.	\$1,806.18
Hocker, Inc.	\$30,219.89
Instron, a division of Illinois Tool Works, Inc.	\$3,455.00
MTS Systems Corporation	\$38,472.70
Olympus America Inc.	\$56,298.75
PH Tool	\$23,549.00
SGS North America, Inc	\$10,000.00
Shimadzu Scientific Instruments, Inc.	\$53,363.10
Snap-on Industrial, a Division of IDSC Holdings LLC	\$25,380.40
Southwestern Industries	\$37,645.00
Test Equipment Distributors LLC	\$37,671.15