

ADMINISTRATION RECOMMENDATION/REPORT

The administration recommends that the Board of Trustees approve a contract with Austin Maintenance & Construction, Inc. for construction of a Petrochemical Process Training Unit at the Center for Petrochemical, Energy, and Technology (CPET) at Central Campus.

BACKGROUND

Detailed specifications and plans developed by Tellepsen Engineering were used as part of the documentation package required for public solicitation of construction proposals utilizing the Competitive Sealed Proposals (CSP) procurement method. This process was carried out in accordance with the Texas Government Code, Section 2269.151.

A request for Competitive Sealed Proposals, Project Number 18-25, was issued to procure services and materials for this project. Three responses were received and evaluated by a team comprised of representatives from Facilities Services, the Central Campus Petrochemical Department, industry partners, and Rizzo & Associates. The evaluation team determined the proposal submitted by Austin Maintenance & Construction, Inc. would provide the best value to the College and could complete the project within the schedule completion date.

IMPACT OF THIS ACTION

This project provides materials and services for construction of a new petrochemical process training unit at the CPET facility. This process unit will be used to simulate manufacturing plant operations as well as integrated learning opportunities in the multiple labs and related classrooms. The unit will be fully operable providing equipment that circulates, boils and distills ethylene glycol, and is intended to demonstrate process plant operation. It will utilize varying forms of process equipment including, but not limited to, distributed control systems, single point process instrumentation, circulating pumps, control and block valves, physical isolation configurations, electrical power control and distribution equipment, heat exchangers, pressure vessels, and distillation columns.

BUDGET INFORMATION (INCLUDING ANY STAFFING IMPLICATIONS)

The cost of construction work for the Petrochemical Process Training Unit is \$5,514,961, which includes a 5% contingency. These expenditures will be funded from the 2015 Bond Program.

MONITORING AND REPORTING TIMELINE

The construction phase for the process unit is estimated to be completed ten (10) months following notice to proceed. This work will be monitored by the College's Facilities Services personnel. Program management will be provided by Rizzo & Associates.

ATTACHMENTS

Attachment 1 – Tabulation

RESOURCE PERSONNEL

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Project Petrochemical Process Training Unit

Project # CSP 18-25

Evaluator # 5

Stated Criteria	Criteria Explanation	Total Points Available	Austin Maintenance & Construction	Flintco	Turner Industries
Section 1 Experience	Qualifications as a General Contractor to procure and construct an industrial facility, and the capacity to establish budgets, control cost, and meet schedules.	125	112.00	78.00	68.00
Section 2 Personnel	Ability to supply staff that has experience with similar projects.	125	113.00	89.00	53.00
Section 3 Method	Project approach and best practice procedures for establishing and tracking project objectives, including the process for budget verification, its procedure for maintaining schedule, and how to identify scope changes and tracks cost.	150	124.00	92.00	68.00
Section 4 Safety	Safety history and how well the firm anticipates, recognizes, and controls risks and what level of importance it has within the company.	125	108.00	90.00	98.00
Section 5 Financial	Firm's ability to provide payment and performance bonds, and any past or pending litigation.	50	50.00	49.00	40.00
Section 6 References	References for similar construction projects completed in the last 5 years. Evaluations based on responses received from references.	25	12.00	15.00	17.00
Qualification = 120 Points Each x 5 Evaluators					
Qualification Sub-Total		600	519.00	413.00	344.00
Price Proposal	Firms who met the Qualification Criteria threshold proceeded to evaluations of proposed construction contract amount. Lower price equates to higher score.	150	146.33	150.00	0.00
Price Proposal = 30 Points Each x 5 Evaluators					
Grand Total Total		750	665.33	563.00	344.00
			Total Points Received		

Final Ranking

Vendor Name

Total Score

Austin Maintenance & Construction	665.33
Flintco	563.00
Turner Industries	344.00