

Collin County Community College District Board of Trustees

5. Campus Facilities and Construction Committee

July 30, 2019

Resource: Jason Parry
Interim Executive Director Facilities & Construction

DISCUSSION ITEM: Authorization of the District President to Negotiate and Execute TRANE PACT Agreement

DISCUSSION: Trane, with the consent of the College, has performed a detailed study to determine potential energy conservation measures and identified energy savings and the concurrent replacement of end-of-life utility systems and fixtures.

Energy savings performance contracts for higher education are regulated by Texas Education Code Section §51.927. Energy savings performance contracts must be for the specified efficiencies in the Code such as insulation, storm windows, automatic energy control systems, heating, ventilating or air conditioning system modifications, lighting fixtures that increase energy efficiency, energy recovery systems, electric system improvements, water conserving fixtures, water conserving landscape irrigation equipment, landscape features that reduce watering demands, rainwater harvesting equipment, equipment for recycling or reuse of water and other energy or water conservation-related improvements or equipment.

These projects identified in the preliminary study include, but are not limited to, high-efficiency lighting retrofits, building automation system retrofits and revisions, chilled water system control optimization, electrical demand load control strategies, domestic water consumption reduction, landscape irrigation water control, and heating system optimization. All of these energy conservation measures fall within the definition of energy or water conservation measures within the Act. Equipment specified for the project shall be non-proprietary.

The College is expected to realize operations, maintenance and capital replacement savings of \$738,846 yearly over the life of the project in addition to the "Guaranteed" Energy Savings. Trane's fee for performance and furnishing of the Service is \$3,204,717.

This purchasing request is for a not to exceed spend authorization of \$21,837,571 which is subject to Board approval.