



CROSBY INDEPENDENT SCHOOL DISTRICT

14670 FM 2100 CROSBY, TEXAS 77532

281-328-9200

Regular Agenda Item

Meeting Date	January 21, 2025
Action	Discuss and consider approval of a contract with E3 Entegral Solutions, Inc. (E3) for an amount not to exceed \$4,304,689, pending SECO approval, via the Southeast Texas (SETX) Purchasing Cooperative Contract #20230601-1, and delegate authority to the Superintendent to negotiate and execute the contract.
Motion	Move to approve a contract with E3 Entegral Solutions, Inc. (E3) for an amount not to exceed \$4,304,689, pending SECO approval, via the Southeast Texas (SETX) Purchasing Cooperative Contract #20230601-1, and delegate authority to the Superintendent to negotiate and execute the contract.
Administrative Recommendation	Administration recommends approval of the contract with E3 Entegral Solutions, Inc. (E3)
Authority for this Action	Board Policy CH(LOCAL): <ul style="list-style-type: none">• The Board delegates to the Superintendent or designee the authority to make budgeted purchases for goods or services. However, any single, budgeted purchase of goods or services that costs \$50,000 or more, regardless of whether the goods or services are competitively purchased, shall require Board approval before a transaction may take place.
Goal/Objective Addressed	<ul style="list-style-type: none">• Goal 7: Crosby ISD will be a good steward of taxpayers' money.• Goal 8: Crosby ISD will maintain quality and safe facilities and adequately plan for future needs.
Background	<p>The Board of Trustees approved a Professional Services Agreement with E3 Entegral Solutions, Inc. (E3) to design the project and prepare the required Utility Assessment Report associated with funding Crosby ISD applied for and was allocated through the SECO (State Energy Conservation Office) LoanSTAR Program.</p> <p>This loan program finances energy-related, cost-reduced retrofits of existing facilities supported by the state, including public school districts. The loan is at 1.5% with repayment being made over 15 years. The project consists of the following:</p> <ul style="list-style-type: none">• Chiller and DX (Direct Expansion) Replacement:<ul style="list-style-type: none">○ Crosby Middle School<ul style="list-style-type: none">▪ ACC-1 (Air Cooled Chiller)▪ ACC-2 (Air Cooled Chiller)▪ CH-1 (Water Cooled Chiller)

	<ul style="list-style-type: none"> ▪ RTU-1 (Rooftop Unit) ▪ SS-1 (Split System Unit) • Water Pump Replacement: <ul style="list-style-type: none"> ○ Crosby Elementary <ul style="list-style-type: none"> ▪ WCC-1 (Water Cooled Chiller) with VFD (Variable Frequency Drive) ▪ WCC-2 (Water Cooled Chiller) with VFD (Variable Frequency Drive) ○ Crosby Middle School <ul style="list-style-type: none"> ▪ ACC-1 (Air Cooled Chiller) with VFD (Variable Frequency Drive) ▪ ACC-2 (Air Cooled Chiller) with VFD (Variable Frequency Drive) ▪ ACC-3 (Air Cooled Chiller) with VFD (Variable Frequency Drive) ▪ CH-1 (Water Cooled Chiller) with Motor Starter • LED Lighting Retrofit: <ul style="list-style-type: none"> ○ Crosby Kindergarten Center ○ Barrett Elementary ○ Crosby Elementary ○ Drew Elementary ○ Newport Elementary ○ Crosby Middle School ○ Operations Center • Update Building Automation System and Retro-Commissioning <ul style="list-style-type: none"> ○ Crosby Elementary ○ Drew Elementary ○ Crosby Middle School • Power Factor Correction <ul style="list-style-type: none"> ○ Crosby Elementary ○ Drew Elementary ○ Crosby Middle School ○ Crosby High School • Electrical Phase Protection – Three Phase Protection for Motor Starters and VFDs (Variable Frequency Drive) <ul style="list-style-type: none"> ○ Crosby Kindergarten Center ○ Crosby Elementary ○ Crosby Middle School ○ Crosby High School ○ Operations Center <p>The contract with E3 is being procured through the Southeast Texas (SETX) Purchasing Cooperative Contract #20230601-1.</p>
<p>Staffing Implications</p>	<p>N/A</p>

Budget Information	Principal and interest payments for the loan program would be incorporated into the General Fund and are anticipated to begin in fiscal year 2025-2026 or after. Payments will be made through the realized savings from the project and a reduction in utility cost.
Impact of this Action	Use of low interest rate loan programs through the State of Texas to provide for energy efficiency upgrades to reduce utility consumption.
Attachments	E3 Texas LoneSTAR Program Utility Assessment Report
Resource Personnel	Yvonne M. Johnson, Chief Financial Officer