

REPORT NAME: Bussey Early Childcare Center

REPORT OF: Operations

FOR: Temporary Chiller Rental

APPLICABLE LAW AND/OR POLICY: N/A

STRATEGIC GOAL ALIGNMENT:

STRATEGIC OBJECTIVE ALIGNMENT: Through collective responsibility, establish a physical and operational environment of safety, cleanliness, innovative spaces and high expectations, partnering with parents, families, community and industry to ensure the highest level of performance by all stakeholders.

FISCAL FUND IMPACT: Office of Early Childhood

IMPACT AMOUNT: \$72,500

MEETING TYPE: Regular School Board Meeting

EXECUTIVE SUMMARY/BACKGROUND:

The Trane, 100-ton chiller, responsible for cooling Bussey Center for Early Childcare building became inoperable due to compressor failure and bad electrical capacitors. Trane, the chiller manufacturer, sent technicians to the site in the fall of 2021 and made the determination that parts were unavailable due to age of the equipment and cost of replacement compressors would be half the cost of a new chiller.

COST BENEFIT ANALYSIS:

Without adequate cooling during the summer months the school will be unsafe to staff and students due to high building temperatures. This will cause Bussey to close and revenue will suffer. Three companies were contacted to provide quotes. The companies were Trane, Allied, and Cleanetics Mechanical. All three companies walked the site and were given the opportunity to submit a quote. Cleanetics was the lowest bid submitted.

Contractor	Scope of Work	Cost Proposal
Cleanetics	HVAC application, Nominal 100-ton chiller package, Rental package includes chiller, transformer, 75' runs of 4" hose, 100' runs of cable to connect building power to transformer and chiller, 4" elbows to assist in connecting to existing piping.	\$72,500 (includes mechanical and plumbing) Note: \$27,500 Start-up and first month subsequently \$9,000 per month for 6 months
Allied	100 ton air cooled chiller (1) 225 KVA transformer (1) 4/0 x 50' cam x cam (1) 4/0 x 5' female cam x bare pig tail (1) 4/0 x 5' cam x bare pig tail (4) 4" x 25' suction hose vic grooved	\$75,900 (includes mechanical and plumbing) Note: \$12,650 per month 6 months
Trane	100-ton AC Chiller w/pump 1 4/0 x 100ft Cable Box 3 4" x 200ft Hose Box 1 4" x 100ft Hose Box 1 48ft Flat-bed Trailer 1 300kVA - 208V/480V Step-up 1 4/0 x 50ft Cable Box	\$107,117 (includes mechanical and plumbing) Note: \$37,331 start-up cost and subsequently \$11,631 per month

RECOMMENDATION:

The Superintendent recommends that the School Board authorizes a contract with Cleanetics in the amount not-to-exceed \$72,500 including \$27,500 in upfront cost that includes the first month of rental. The rental cost of \$9000 will be needed for an additional 5 months.

IMPACT IF NOT APPROVED:

If the School Board does not approve this contract, the District would likely suffer lost revenue and loss of service to Bussey due to unsafe building temperatures.

NEXT STEPS IF APPROVED:

If approved, the District would move forward with awarding a contract with Cleanetics in the amount not-to-exceed \$72,500. The work would commence in May and last until October 2022, pending weather conditions. The temporary unit will remain in place until October. During this summer, the district will seek competitive bids for a permanent replacement of the chiller.