MEMORANDUM

TO: ISD 110 School Board

FROM: Pam Carman, Director of Finance & Operations
Tim Bisek, Director of Buildings & Grounds

DATE: September 28, 2026

SUBJECT: Waconia High School Industrial Technology Ventilation - CNC Table

---

Purpose

The purpose of this memo is to request School Board approval to proceed with ventilation improvements in the Waconia High School Industrial Technology area necessary to support operation of the CNC table and provide appropriate make-up air for the metal fabrication shop.

Background

The School Board previously accepted the donation of a Hornet SS 5' x 10' CNC table from Audio Video – Legrand for use in the Waconia High School Industrial Technology program. The equipment was evaluated prior to acceptance and provides expanded opportunities for students in advanced manufacturing, design, and the Entrepreneurship program.

As part of the evaluation and installation planning, the District identified ventilation improvements needed within the Industrial Technology area. The initial work anticipated for the CNC table was relatively limited; however, further review of the existing ventilation system identified the need for a more comprehensive solution to provide adequate make-up air and support the existing exhaust system.

Buildings & Grounds subsequently obtained two proposals for the work. Both proposals include installation of a 4,000 CFM CaptiveAire make-up air unit, placement of the unit on the roof above the metal fabrication shop, associated gas piping and ductwork, reuse of the existing plasma-table exhaust components, and system startup and testing.

Proposals Received

Contractor	Cost Estimate
True Mechanical	$39,650
Redline Heating & Cooling	$41,000
Difference	**$1,350**

Both proposals include installation of a 4,000 CFM CaptiveAire make-up air unit above the metal fabrication shop, associated gas piping and ductwork, reconnection/reuse of the existing exhaust system, and system startup and testing. True Mechanical's proposal is $39,650. Redline Heating & Cooling's proposal is $41,000.

Updated Funding Plan

Based on the $39,650 recommended proposal, the project would be funded as follows:

Funding Source	Amount
Waconia High School Capital Budget	$3,000
Entrepreneurship Fund Balance	$3,000
LTFM	$33,650
Total	**$39,650**

This funding approach is consistent with the plan previously communicated to the Finance Committee: the first $6,000 of the CNC-related ventilation work is shared equally between the WHS Capital Budget and Entrepreneurship Fund Balance, with costs above that amount supported through LTFM. The significant majority of the overall project relates to the broader ventilation improvements identified in the Industrial Technology area.

Recommendation

Administration recommends that the School Board approve the proposal from True Mechanical in the amount of $39,650 for the Waconia High School Industrial Technology ventilation project, with funding as outlined above.