Central Community College
Diesel Technology
Hastings Campus

The Hastings Campus Diesel Technology is requesting the purchase of a Cummins engine. This purchase would allow for repeatable load testing conditions, expanded instructional outcomes, reduced auxiliary equipment costs, and increased student throughput. The purchase converts the engine from a static teaching aid into a functional powerplant training system, yielding measurable instructional and operational value that far exceeds the incremental cost.

This tool will allow students to measure torque response, fuel rate changes, boost vs load, exhaust temp rise under load, and voltage/frequency stability. As well as diagnose under-fueling, over-fueling, governor response, ECM load compensation, and cooling system capacity. Adding five to seven additional lab objectives, converting theory-only topics into hands-on labs, and aligning directly with industry diagnostic troubleshooting

Bids were received from the following.

Company	Cost	Advantages/disadvantages of submittal
Cummins of Omaha	$49,804.96	
Nebraska Generator	$55,780.00	
Consulab	$238,620.00	Shipping from Quebec is not included

One asset supports 2–3 degree outcomes instead of just one. The addition of the standalone engine will benefit all diesel program areas, and specifically our Diesel Technology Emergency Power Generation Degree. A $50,000 budget was designated as an "A" budgeted item for the 2025-2026 fiscal year.

The College President recommends purchasing the engine from Cummins of Omaha for $49,804.96.