

Livonia Public Schools

Director of Operations

To: Andrea L. Oquist, Superintendent

From: Phillip Francis, Director of Operations

Date: June 5, 2018

Re: Purchase of Generator for Central Office - Sinking Fund

I would like to discuss the purchase of a new generator for the Administrative Building at the Central Office complex during the next Committee of the Whole meeting on Monday, June 11, 2018. This was originally discussed at the May 14, 2018 Study Session, where the proposal to purchase was brought to the Board. We are recommending the purchase of a 100kW diesel generator from Cummins Sales and Services for a total cost of \$34,691.00. Pricing is from the National Joint Powers Alliance (NJPA) Cooperative.

The District currently owns and operates a natural gas powered 60kW generator used for backup power for the I.T. Data Center. This includes the District servers, UPS battery power system, and air conditioners. As we learned this past April during the multiple day DTE power outage, this 60kW generator was not of ample power to run all these systems smoothly. During that outage, my department rented a diesel powered generator that is still in use, and is costing the District approximately \$3,000 per month. After doing an energy load test on the Administrative Building, our team determined a 100kW generator would enable enough backup power during outages to easily power the District's I.T. needs. Additionally, we will continue to use the current 60kW generator to backup other essential items such as lights, electrical outlets, and boilers.

I am requesting this item be added to the agenda of the June 11, 2018 meeting. Attached you will find a recommendation memo from Harry Lau, Administrator of Facilities and Operations, along with the quote from Cummins. Funds for this purchase would be from the sinking fund.

Attachments

PF/ko

c: Board of Education