

**RESOLUTION NO. 2017-93**

**A RESOLUTION TO AUTHORIZE THE PURCHASE OF TWO VARIABLE  
FREQUENCY DRIVES FOR LANSING PUMP STATION**

**WHEREAS**, DPW was contacted by Consumers Energy regarding the power factors at the Lansing Pump Station and pending penalties for usage patterns; and

**WHEREAS**, it was determined that the neither of the two 30 hp pumps were equipped with a soft start or variable frequency drive (VFD) to soften the peak electrical loads; and

**WHEREAS**, the VFD's would allow the pumps to run more efficiently and avoid penalties from Consumers Energy; and

**WHEREAS**, the City is eligible for a Consumers Energy rebate of up to \$7,500 for the two VFD's required for the pump station; and

**WHEREAS**, quotes were solicited and the two equipment suppliers who submitted quotes were Edwards Industrial Sales, and J.P. Motors & Drives, Inc.

**WHEREAS**, Edwards Industrial Sales submitted the lowest quote in the amount of \$6,826.00 to provide the two VFD's, cabinets and other miscellaneous materials required for the proper installation.

**THEREFORE, BE IT RESOLVED** That the City approve the purchase of two VFDs from Edwards Industrial Sales, Inc. with funds in the Water and Sewer Fund reserves and that any rebates from Consumers Energy be applied to same account.