

RESOLUTION NO. 2016-44

A RESOLUTION TO AUTHORIZE THE PURCHASE OF A VARIABLE FREQUENCY DRIVE FOR WELL #5

WHEREAS, Well #5 was recently cleaned and the pump was inspected; and

WHEREAS, it was determined that the pump was in disrepair and could not be rebuilt given its age (1971); and

WHEREAS, the other two wells already utilize variable frequency drives (VFD) to run the pumps more efficiently; and

WHEREAS, the replacement pump specified is conditional on the use of a variable VFD; and

WHEREAS, the payback period for the purchase of the VFD is approximately 3.5 years; and

WHEREAS, the City is eligible for a Consumers Energy rebate of up to \$6,000 for purchase of this VFD which shortens the payback period; and

WHEREAS, quotes were received from three contractors, including Edwards Industrial Sales, the contractor who installed the other two VFD's; and

WHEREAS, Edwards Industrial Sales submitted the lowest quote in the amount of \$10,599 plus freight (estimated \$200) to provide the VFD, cabinet and other miscellaneous materials required for the proper installation.

THEREFORE, BE IT RESOLVED That the City approve the purchase of the VFD from Edwards Industrial Sales, Inc. with the money taken from the Water and Sewer Fund reserves.