



# City of CHARLOTTE

## MEMORANDUM

TO: Mayor Lewis and City Council Members

FROM: Gregg Guetschow, City Manager

SUBJECT: Purchase of Variable Frequency Drive

DATE: April 8, 2016

DPW Director Amy Gilson has prepared a resolution authorizing the purchase of a variable frequency drive for well number 5. This resolution refers to three quotations received for this item. The purpose of this memorandum is to provide additional detail regarding the matter.

As the resolution states, the need to install the variable frequency drive was identified as part of a scheduled well cleaning and pump inspection. As time was of the essence to be able to restore the well to service, and because the variable frequency drive is an off-the-shelf item, quotations were obtained for a specific model – Yaskawa Z1000 – in lieu of preparing a bid specification.

The following quotes were received for the purchase and installation of the variable frequency drive:

Edwards Industrial Sales -- \$10,559.00  
Oudbier Instrument Co. -- \$11,831.50  
Northern Pump & Well--\$42,399.00

We are unable to account for the significant variance between the two lower quotes and that of Northern Pump & Well. Their quote includes the installation. The other quotes are for the purchase of the drive alone. We will use Windemuller Electric for installation and programming of the SCADA system, a cost estimated at \$3000.

As the resolution indicates, the recommendation is to accept the low quote from Edwards Industrial Sales.