



CITY OF HAYSVILLE, KANSAS

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TO: The Honorable Mayor, Kenneth Hampton
Haysville City Councilmembers

FROM: Jeff Whitfield
City of Haysville
Public Works Director

DATE: September 24, 2012

RE: VFD's/Water Plant

We have been looking at VFD's (variable frequency drives) for the Water Plant High Service Pump Station, 100 hp, vertical turbine pump. This will aid in controlling water pressure during the painting of the water tower. In the long term, it will also reduce water hammer in the system and reduce electrical costs.

The quotes are as follows:

Graybar	\$5,410.40
B & B Electric Motor Co.	\$7,184.00
American Electric Co.	\$10,000.00

We are asking for authorization to accept the quote from Graybar for the total price of \$5,410.40.

We would also have grounding rings installed in the motor by B & B Electric Motor Company at the cost of \$1,700.00.

These quotes include a Mod Bus Communication to our telemetry system. We will need MicroCom to supply us with a transducer for a price of \$825.00.

This total project is materials costs of \$7,935.40 plus installation; this would be paid for out of the Water Department, Equipment Maintenance funds.