



INDUSTRIAL AND MUNICIPAL AUTOMATION AND PROCESS CONTROL SYSTEMS  
7950 CASTLEWAY DRIVE, INDIANAPOLIS, INDIANA 46250  
PHONE (317) 577-3000 FAX (317) 577-3005

September 21, 2023

Q-16051

Allen Neff  
Yorktown WWTP  
2001 S. West Street  
Yorktown, IN 47396

**SUBJECT: WAS Pump #2 VFD Replacement**

Per your request, Frakes will be supplying a new 20hp 480vac Allen-Bradley variable frequency drive and Input line reactor.

**VFD Replacement shall include the following**

- 1.) Remove existing ABB variable frequency drive from control panel.
- 2.) Install replacement Allen-Bradley 20F11ND034JA0NNNNN variable speed drive.
- 3.) Install Allen-Bradley 1321-3R35-B input line reactor.
- 5.) Terminate power wiring and control wiring.
- 7.) Program variable frequency drive and test unit for proper operation.

Total price as describe above

\$5,475.00

Delivery is 2-3 weeks.

This quotation by reference incorporates the standard Frakes Engineering, Inc. terms and conditions for a fixed price contract. Any terms specifically called out in this Scope of Work will supersede the standard terms and conditions. The balance of the general terms and conditions still apply. If you do not have a copy of such standard Terms and Conditions, one will be provided upon request. Frakes Engineering warrants all supplied materials and labor for a period of 1 year from the date of beneficial use by the customer. Specific extended warranties by the manufacturers may cover materials, but not labor. Indiana Sales Tax has not been added and to be the responsibility of the purchaser. We look forward to the opportunity to assist you in completing this project.

Please give me a call if there are any questions.

Respectfully  
FRAKES ENGINEERING, INC.

MICHAEL RUCKSTUHL  
Project Manager, FEI

*press pump V.F.D.  
Replacement.*