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**VILLAGE OF SUGAR GROVE  
BOARD REPORT**

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**TO:** VILLAGE PRESIDENT & BOARD OF TRUSTEES  
**FROM:** ANTHONY SPECIALE, DIRECTOR OF PUBLIC WORKS  
BRAD MERKEL, DEPUTY DIRECTOR OF PUBLIC WORKS  
**SUBJECT:** RESOLUTION: RESOLUTION: PURCHASE OF REPLACEMENT  
VARIABLE FREQUENCY DRIVES (VFD) WELL 10  
**AGENDA:** JUNE 7, 2022 REGULAR BOARD MEETING  
**DATE:** MAY 31, 2022

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**ISSUE**

Should the Village Board approve a resolution for the purchase of a replacement Variable Frequency Drives (VFDs) for Well 10.

**DISCUSSION**

FYE 2023 Budget included funds to purchase replacement VFD'S for Well 10. The current Variable Frequency Drives that control the three high service pumps at the Well 10 Treatment Plant are outdated, failing and unserviceable. Staff worked with 3 Local Electrical Contractors to obtain pricing that includes materials, installation and start-up. Below is a breakdown of the 3 Proposals received for replacement VFD'S including materials, installation and start-up.

<u>Contractor</u>	<u>Cost</u>
Correct Electric Inc.	\$65,840.00
Frank Marshall Electric	\$68,894.00
Tri R Electric	\$74,000.00

**COST**

The cost of the replacement VFD'S for Well 10 is \$65,840.00. Account number 50-71-7011 Water System Improvements has \$80,000.00 budgeted for the replacement of the VFD'S for Well 10.

**RECOMMENDATION**

The Village Board approves **Resolution # 20220607PW4** authorizing the purchase of replacement VFD's for Well 10 from Correct Electric Inc. in the not to exceed amount of \$65,840.00.



RESOLUTION NO. 20220607PW4

**VILLAGE OF SUGAR GROVE, KANE COUNTY, ILLINOIS**

**RESOLUTION AUTHORIZING EXECUTION OF AN AGREEMENT WITH  
CORRECT ELECTRIC INC., FOR THE PURCHASE OF REPLACEMENT  
VFD FOR WELL 10.**

**WHEREAS**, the Village of Sugar Grove Board of Trustees find that it is in the best interest of the Village to engage the services of Correct Electric Inc. for the Purchase of Replacement VFD for Well 10 and to execute the attached agreement;

**NOW, THEREFORE, BE IT RESOLVED** by the President and Board of Trustees of the Village of Sugar Grove, Kane County, Illinois, as follows:

The President and Clerk are hereby authorized to execute said agreement on behalf of the Village and to take such further actions as are necessary to fulfill the terms of said agreement.

Passed by the President and Board of Trustees of the Village of Sugar Grove, Kane County, Illinois, at a regular meeting thereof held on the 7th day of June, 2022.

\_\_\_\_\_  
Jennifer Konen, President of the Board  
of Trustees of the Village of Sugar Grove,  
Kane County, Illinois

ATTEST: \_\_\_\_\_  
Alison Murphy, Clerk  
Village of Sugar Grove

	Aye	Nay	Absent	Abstain
Trustee Matthew Bonnie	_____	_____	_____	_____
Trustee Sean Herron	_____	_____	_____	_____
Trustee Heidi Lendi	_____	_____	_____	_____
Trustee Michael Schomas	_____	_____	_____	_____
Trustee Ryan Walter	_____	_____	_____	_____
Trustee James F. White	_____	_____	_____	_____
President Jennifer Konen	_____	_____	_____	_____



3 East Front Street. #629, Newark, IL 60541    ♦    Phone 815-496-3000    ♦    Fax 815-496-2777    ♦    Toll Free 877-326-7732    www.correctelectric.us  
Member IBEW & NECA

## Proposal

**June 1<sup>st</sup>, 2022**

Village of Sugar Grove  
10 Municipal Dr.  
Sugar Grove, IL  
bmerkel@sugargroveil.gov

### Re: Well #10 VFD Replacement

#### Scope:

- Furnish and install (3) new Schneider Electric VFD's for 100 hp motors replacing existing GE drives.
- Rework conduit and wiring as necessary on the line side of the drives.
- Remove existing wire to the motors and refeed with new of the same size, like, and kind.
- Install control wiring from the drives back to the Scada System.
- Programming and start-up of drives included.

All material is guaranteed to be as specified, and the above work to be performed in accordance with the drawings and specifications submitted for the above work and completed in a substantial workmanlike manner for the sum of:

**Contract Price-----\$65,840.00**

Payment will be made as follows, pay-outs as job proceeds, with minimum monthly pay-outs, balance due upon completion. Finance charges will apply (1 ½% monthly) unless previously arranged. Customer shall be liable for all reasonable attorney's fees, court costs, finance charges, and expenses that may be incurred as a result of failure to make payment. Correct Electric Inc. pays all applicable state sales taxes. Any alteration or deviation from above specifications involving extra costs, will be executed only upon written orders, and will become an extra charge over and above the estimate. All agreements contingent upon strikes, accidents or delays beyond our control. Owner to carry fire, tornado and other necessary insurance upon above work.

Respectfully submitted by: **Ryan Mason**

SIGNATURE: *Ryan Mason*

NOTE: We may withdraw this proposal if not accepted within 30 days

### ACCEPTANCE OF PROPOSAL

I am authorized to approve this work as specified. The above prices, specifications and conditions are satisfactory and are hereby accepted. Payment will be made as outlined.

PURCHASE ORDER # \_\_\_\_\_

SIGNATURE: \_\_\_\_\_

DATE \_\_\_\_\_

TITLE: \_\_\_\_\_