

MEMO 24-23

TO: Frank Schulte, City Administrator  
FROM: James Kowalski, Director of Public Services JK  
DATE: May 15, 2024  
SUBJECT: Torrey Road Pump Station Motor Starters for Pumps 4 and 5

The Torrey Road Pump Station's starters and disconnects on pumps 4 and 5 control our most active pumps. Currently, the combination motor starters for pumps 4 and 5 are located on the 3<sup>rd</sup> floor of the station. We requested quotes to have them moved and replaced to the 1<sup>st</sup> floor for operational purposes. If an issue arises with one of the starters, the station operator must get down to the 3<sup>rd</sup> floor to address the issue. With recent upgrades and updates, it would be far more efficient to have all motor controllers within sight on the 1<sup>st</sup> floor.

Currently, the combination starters on the 3<sup>rd</sup> floor are from the early 90's and need updating due to the damp atmosphere they have been in for the last 30+ years. When they get replaced, the new disconnects and starters will be encased in weather resistant, corrosion resistant "NEMA" rated enclosures which will effectively prolong the life of the electronics inside. The new starters on the 1<sup>st</sup> floor will be tied into our new SCADA System.

The city requested and received the following quotes to move and replace the combination motor starters for pumps 4 and 5 at the Torrey Road Pump Station.

Rotor Electric Co. of Michigan, LLC	\$19,613.00
Colville Electric Co., LLC	\$20,977.94
Safety One	No quote received

Rotor Electric Co. of Michigan, LLC was the lowest quote received.

Therefore, I am requesting Council to authorize the replacement of the combination motor starters for pumps 4 and 5 at the Torrey Road Pump Station by Rotor Electric Co. of Michigan, LLC 9522 Grinnell St., Detroit, MI 48213 in the amount of \$19,613.00.

This is a budgeted item included in the 2023/2024 fiscal year budget in the Pump Station Contractual Services account no. 592-542-818.000.

I do not believe any benefit will accrue to the City by seeking further bids. Approved for Council consideration.

  
\_\_\_\_\_  
Frank Schulte, City Administrator

5-15-24  
Date

RECEIVED

MAY 15 2024

Fund Certification:

Account numbers and amounts have been verified as presented.

  
\_\_\_\_\_  
Steven Schmidt, Comptroller/Treasurer

5-15-24  
Date

CITY OF GROSSE POINTE WOODS  
CLERK'S DEPARTMENT



# Rotor Electric Co. of Michigan, LLC

9522 Grinnell St.  
Detroit, MI 48213-1151  
Phone: 313.891.0331  
www.rotorelectric.com

May 15, 2024

Grosse Pointe Woods Department of Public Works  
1200 Parkway DR  
Grosse Point Woods, MI 48236  
Attn: Ed Hall

RE: GPW Torrey Rd Pump Station Motor Starters  
Rotor GBP No: 23-0884

Mr. Hall,

Rotor Electric is pleased to provide this quotation in the amount of **\$19,613.00** for the work indicated below:

**Scope:**

1. At Torrey Rd. Remove Existing (2) NEMA 3 30 HP Combination Motor Starters in the third level basement. Install (2) new 200A Safety Switches in the same location as existing starters in their place. All existing power will be reused that was connected to original starters and motors. Similarly, all the existing conduits will be reused.
2. At Torrey Rd. Remove existing (2) 200A Safety switches on main level inside electrical room powering bottom (2) pumps (4&5). Install (2) new NEMA 3 30 HP Combination motor starters in the same location as existing Disconnects in their place. All existing power will be reused that was connected to original disconnects. Similarly, all the existing conduits will be reused.
3. At Torrey Rd. Install conduit from T conduit body above pumps 1,2, and 3. Conduit body left for reworking of new starters on main level. Thus, Adding the control circuit route to new combination motor starters for pumps (4&5) back to newly installed Control Cabinet.

**Clarifications:**

1. All work is performed during normal working hours.
2. The existing conduits and raceways are in condition as to reworking newly placed switches and controllers are able to be integrated.
3. The existing wire and cable are in condition as to reworking newly placed switches and controllers can be integrated.

**Schedule:**

Based upon approval we will commence writing the PO to supplier for new Combination Motor Starters. Based upon lead times given by supplier we will then coordinate with GPW to create a Schedule.

Should you have any questions or concerns, please don't hesitate to contact us.

Sincerely,

ROTOR ELECTRIC COMPANY OF MICHIGAN, LLC

Jacob Osborne  
Project Manager