

MEMORANDUM

TO: The Honorable Mayor and City Council
FROM: Al McMillen, Water Superintendent
DATE: May 16, 2022
SUBJECT: Recommendation for award of Professional Engineering Services for Variable Frequency Drives

Request

Approve the resolution for award of Professional Engineering Services for Variable Frequency Drives.

Background

The existing motors and Motor Control Centers at all three (3) water pump stations were installed, on average, 30 years ago. These pumps and motors are critical to the operations of the water system, as they are part of the pumping of potable water to the City's water distribution system. Installation of Variable Frequency Drives on certain motors will improve pump control, increase motor efficiency, and reduce energy consumption. The assistance and expertise of an engineering firm is needed to design and oversee this project.

Scope of Work:

The scope of this agreement is for professional services necessary to:

- Phase 1: Design variable frequency drive needs and assist in the development of select solicitation documents.
- Phase 2: Review respondents' proposals and present a written recommendation for award.
- Phase 3: Provide construction administration efforts.
- Phase 4: Visit the sites to provide one-year anniversary inspections and report findings.

Proposal Results

Staff received proposals from the following firms:

Clark Dietz, Inc.	\$67,790
Christopher B. Burke Engineering, Ltd.	\$82,480
Fehr Graham Engineering and Environmental	\$114,800

Staff reviewed proposals and determined that each firm is fully qualified to perform the scope of work. Clark Dietz, Inc. has a lower cost and is recommended for award.



WHEATON MAYOR PHILIP J. SUESS

CITY MANAGER MICHAEL DZUGAN

CITY COUNCIL: MICHAEL BARBIER | ERICA BRAY-PARKER | SCOTT BROWN | SUZANNE FITCH | LYNN ROBBINS | SCOTT WELLER

Procurement Review

Procurement staff reviewed the proposal from Clark Dietz, Inc. for conformity with the City's terms and conditions and insurance requirements. Clark Dietz, Inc. is compliant with the proposal requirements.

Budget Impact

The project was budgeted in the Water Capital Projects Fund for CY2021. Inclusion of Professional Engineering Services into the 20222 Budget was an oversight, however, there are sufficient finds in the Water Fund to accommodate the additional cost

Recommendation

Staff recommends that the City Council adopt the resolution authorizing the execution of Agreement No. 299 with Clark Dietz, Inc. for Professional Engineering Services for Variable Frequency Drives for a total amount not to exceed \$67,790.

The Agreement, exhibits, RFP package and responses are on file in the City Clerk's office and available for review.

RESOLUTION R-2022-

**A RESOLUTION AUTHORIZING THE EXECUTION OF AGREEMENT NO. 299
WITH CLARK DIETZ, INC. FOR PROFESSIONAL ENGINEERING SERVICES FOR VARIABLE FREQUENCY
DRIVES FOR A TOTAL AMOUNT NOT TO EXCEED \$67,790**

WHEREAS, the City solicited a Request for Proposal (RFP Number 22-55) for Professional Engineering Services for Variable Frequency Drives; and

WHEREAS, staff received and reviewed three proposals for Professional Engineering Services for the Variable Frequency Drives; and

WHEREAS, staff determined that each firm was fully qualified to perform the scope of services therefore cost was the deciding factor; and

WHEREAS, Clark Dietz, Inc. was determined to be the lowest responsive and responsible Proposer with an amount of \$67,790 for Professional Engineering Services for Variable Frequency Drives; and

WHEREAS, the City originally budgeted funds in the CY2021 Water Capital Projects Fund for Professional Engineering Services for Variable Frequency Drives, however, due to an oversight, funding was not carried over to CY2022; and

WHEREAS, there are sufficient funds in the Water Fund to accommodate the additional cost; and

WHEREAS, both parties agree to the terms and conditions set forth in the RFP and the agreement contained in the City's RFP package for Professional Engineering Services for Variable Frequency Drives; and

WHEREAS, the corporate authorities of the City of Wheaton, DuPage County, Illinois find it reasonable and appropriate to enter into an agreement with Clark Dietz, Inc. located at 1815 S. Meyers Road, Suite 470, Oakbrook Terrace, Illinois, 60018, for Professional Engineering Services for Variable Frequency Drives.

NOW, THEREFORE, BE IT RESOLVED by the Mayor and City Council of the City of Wheaton, Illinois, that:

The Mayor is hereby authorized to execute, and the City Clerk is hereby directed to attest to City of Wheaton Agreement No. 299, with Clark Dietz, Inc. located at 1815 S. Meyers Road, Suite 470, Oakbrook Terrace, Illinois, 60018 for Professional Engineering Services for Variable Frequency Drives for a total amount not to exceed \$67,790; and that a copy of that certain City of Wheaton Agreement No. 299 is on file with the City Clerk's office as Exhibit A to this Resolution R-2022-____ and is hereby incorporated into this Resolution as if fully set forth herein.

ADOPTED the 16th day of May 2022

Mayor

ATTEST:

City Clerk

Roll Call Vote

Ayes:
Nays:
Absent: