



"...meeting community needs...enhancing quality of life."

Department of Utilities
Wastewater Treatment Plant
2006 East Newberry Street
Appleton, Wisconsin 54915 – 2758
920 – 832 – 5945 tel.
920 – 832 – 5949 fax

To: Chairman Greg Dannecker and Members of the Utilities Committee

From: Chris Stempa, Utilities Deputy Director

cc: Chris Shaw, Utilities Director

Date: December 1, 2016

Re: *Approve contract for the Bar Screen #1 Channel Butterfly Valve Rebuild to August Winter and Sons, Inc. for \$111,250 with a contingency of \$13,750 and a project total not to exceed \$125,000*

BACKGROUND:

The City of Appleton Wastewater Treatment Plant (AWWTP) utilizes screening equipment used to remove large debris and materials from the incoming raw sewage. In 2015 two new bar screens were installed in place of two that had surpassed their useful life. The equipment replacement also served to improve the hydraulic capacity and screening capabilities of the AWWTP. It was discovered during the course of this project that the existing Pratt butterfly valves (four total) which control flow through Bar Screen #1 would require rehabilitation.

The objective of the Request for Quotation (RFQ) is to obtain necessary services that will extend the life of the original bar screen project by rehabilitating the deteriorated butterfly valves. This contract is to provide all labor, materials, equipment, and incidentals necessary to meet the following project objectives:

- Installation/removal of temporary bulkheads
- Removal of existing gate valves for off-site rebuilding
- Reinstall and commission valves and reset limit switches

Rebuilding the existing Pratt valves is believed to be the least cost option versus replacing the valves in-kind with new units. The existing valves if purchased new are approximately \$65,000 each installed (\$260,000 total). Rebuilding the valves directly through original equipment manufacturer (OEM) Pratt using genuine OEM parts and materials was estimated to be less than half this cost (\$32,000 each). Utilizing a reputable contractor to remove, rebuild using OEM parts, recoat, and reinstall these units was anticipated to be the most advantageous course of action from cost and asset life perspective.

RFQ PROCESS:

The request for quotations was distributed to five mechanical contracting firms. A voluntary pre-quotation meeting was to orientate the firms to the project location, overview project scope, and answer questions. The following table identifies the firms along with their quotation pricing:

Company	Quote Pricing
August Winter & Sons	\$111,250
Coenen Mechanical	\$228,150
Piping Service	\$191,000
J.F. Ahern Co.	DNQ
Lee's Contracting and Fabrication Inc.	DNQ

DNQ: Did not quote.

RECOMMENDATION:

Approve contract for the Bar Screen #1 Channel Butterfly Valve Rebuild to August Winter and Sons, Inc. for \$111,250 with a contingency of \$13,750 and a project total not to exceed \$125,000.

If you have any questions or require additional information regarding this project please contact Chris Stempa at 920-832-5945.