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Department of Utilities  
Appleton Water Treatment Facility  
2006 E Newberry Street  
Appleton, WI 54915  
920-832-5945 ph  
920-832-5949 fax

**TO:** Chairperson Joe Martin and Members of the Utilities Committee

**CC:** Chris Shaw, Utilities Director  
Joe Meyers, Water Operations Supervisor

**FROM:** Chris Stempa, Utilities Deputy Director

**DATE:** April 22, 2015

**RE:** *Award Contract to Fiberglass Solutions Inc. for Hypochlorite Fiberglass Reinforced Plastic Tank Conditions Assessment & Repair Work in the amount of \$28,673 plus a 5% contingency of \$1,434 for a total not to exceed of \$30,107*

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**BACKGROUND:**

Among the chemicals stored at the AWTF for various treatment purposes, sodium hypochlorite is utilized as a cleaning and disinfection chemical. Sodium hypochlorite is housed in three (3) 10,000 gallon fiberglass-reinforced plastic (FRP) bulk sodium hypochlorite storage tanks. The bulk storage tanks were originally manufactured by Raven Industries and installed as part of new construction in 2001. Over the past few years, small leaks have been detected at flange and pipe penetrations. Given the age of the tanks (15 years of service life) and the aggressive nature of chemical it is housing, it was determined that a conditions assessment be performed as soon as reasonably possible on one of the three sodium hypochlorite tanks. The assessment will critically evaluate the structural integrity of the tank to determine if repairs can be made or if tank replacement is necessary.

As part of the conditions assessment the contractor will conduct an internal and external examination of one tank and document flaws and defects in accordance with applicable ASTM standards and industry accepted practices. It should be noted that another project may be developed later in the year in regards to a second hypochlorite tank which is also in need of repairs. The Utilities Department did not include the second tank as part of this Request for Quotation (RFQ) because the project approach could be modified based on the findings and recommendations of the first conditions assessment. As part of the conditions assessment, the contractor will compile the findings of the inspection with supporting photographs in a report or technical memorandum format that includes conclusions, recommendations, and associated budgetary estimates. Subsequent repair work is dependent on the findings and conclusions within the conditions assessment.

Therefore, the costs for those tasks as part of the quotations process were included as “required alternates” but included in the total award amount.

**QUOTE PROCESS:**

Five qualified firms were selected based upon their ability to provide essential assessment and repair services described in the RFQ. Only two firms provided a complete quote for all requested services. Schedule availability and in-house service capabilities to meet all required alternate scope services described within the RFQ were reasons given by those who did not provide a quotation. A summary of quotations is found below.

<b>Firm</b>	<b>Total Quote</b>
Belding Tanks	DNP
ECC Corrosion Inc.	\$52,300
Roy Nordenstrom & Son’s Inc.	DNP
Fiberglass Solutions	\$26,132
Herrick Sales	DNP

DNP: Did not provide a complete quote or was non-responsive.

**RECOMMENDATION:**

It is recommended that the Utilities Committee award contract to Fiberglass Solutions Inc. for the hypochlorite fiberglass reinforced plastic tank conditions assessment and repair work in the amount of \$26,132 plus a 5% contingency of \$1,300 for a total not to exceed of \$27,432

If you have any questions regarding this project please contact Chris Stempa ph: 832-5945