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Department of Utilities
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TO: Chairperson Vered Meltzer and Members of the Utilities Committee

CC: Chris Shaw, Utilities Director

FROM: Chris Stempa, Utilities Deputy Director

DATE: July 29, 2022

RE: *Award Contract to Fiberglass Solutions Inc. for Hypochlorite Fiberglass Reinforced Plastic Tank Relining Services in the amount of \$45,824 plus a 10% contingency of \$4,582 for a total not to exceed of \$50,406*

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. All three bulk storage tanks were relined starting in 2015. Side manways were also installed as part of that relining work.

The next planned relining event was not projected to occur until 2023/2024 based on the chemical makeup and what is typically observed by members in our industry who use FRP tanks to store sodium hypochlorite. However, an inspection of Tank #2 in August 2020 revealed the interior resin coat had degraded to an extent which exposed the first layer of the corrosion barrier. Spot repairs were later performed on the tank with the intent to pursue complete relining services in a subsequent year. The premature degradation of the interior lining of Tank #2 has advanced the relining timeline for all bulk storage tanks.

QUOTE PROCESS:

Four qualified firms were selected based upon their ability to provide relining services described in the RFQ. Three firms provided a quote for services with the fourth unable to meet the schedule described within the RFQ. Quotations are summarized in Table 1. Fiberglass Solutions provided the least cost quote and can meet the desired completion date of November 1, 2023.

Table 1: Summary of Quotations

Firm	Total Quote
American Fiberglass Tank	\$75,000
ECC Corrosion Inc.	\$68,178
Fiberglass Solutions	\$45,824
GPI Composites	DNP

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

RECOMMENDATION:

It is recommended that the Utilities Committee award the contract for FRP tank relining services to Fiberglass Solutions Inc. in the amount of \$45,824 plus a 10% contingency of \$4,582 for a total not to exceed of \$50,406

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