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Department of Utilities
Water Treatment Facility
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TO: Chairperson Ed Baranowski and Members of the Utilities Committee

FROM: Chris Shaw, Utilities Director

DATE: February 1, 2019

RE: *Award Geotechnical Service for the Lake Intake Project to Omni Associates in the Amount of \$89,695 with a Contingency of \$8,900 and a Total Project Cost not to exceed \$98,595*

BACKGROUND:

The Appleton Water Treatment Facility (AWTF) draws raw water from Lake Winnebago. Raw water is pumped from the City's Lake Station to the Appleton Water Treatment Facility (AWTF). The lake intake and shorewell were constructed in 1968. The intent of this project is to address reliability and redundancy in raw water treatment and conveyance.

McMahon Associates was approved by the Utilities Committee to complete a preliminary engineering study and complete a conditions assessment of the intake, shorewell, chemical systems, treatment processes and electrical systems. Upon completion of a conditions assessment, an alternatives analysis will provide a baseline for project decisions to be made.

As part of the alternatives analysis an important element that needs to be completed in order to define the project and prepare bidding documents is the geotechnical engineering. City staff has completed a Request for Proposal process for that work. Four engineering firms with similar project experience and the appropriate credentials were invited to participate.

The scope of geotechnical work was broken into two phases. The first phase provide information associated with conventional marine construction for work in Lake Winnebago. The approach calls for multiple borings, soil sampling and analyses required for addressing the dredge permitting issues under NR 347. The second phase calls for multiple borings along the proposed land pipe route from the shorewell to the AWTF. The project approach for this phase is that a combination of open cut and directional drilling construction will be approved by the State.

QUOTATION RESULTS:

A request for proposal (RFP) was distributed to for geotechnical engineering firms. Each firm had previous engineering experience with similar engineering analyses over land and for water intakes.

One firm, Professional Service Industries, Inc., opted not to provide a proposal based on the specifics of this project. Table 1 identifies the invited engineering firms along with proposal pricing. Due to the similar nature of the project scope, cost was the only consideration for determining value.

COMPANY	Cost
Omni Associates, Inc.	\$89,695
American Engineering Testing, Inc.	\$100,015
ECS Midwest, LLC	\$164,145
Professional Service Industries, Inc.	NA

Notes: DNP – Did Not Propose, NA – Non Applicable

An evaluation team completed their review and scoring of the submitted proposals. The evaluation team found that Omni had met the RFP requirements and was the least cost.

RECOMMENDATION:

Award Geotechnical Service for the Lake Intake Project to Omni Associates in the Amount of \$89,695 with a Contingency of \$8,900 and a total project cost not to exceed \$98,595 If you have any questions regarding this project please contact Chris Shaw at ph: 920-997-4200.