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MEMORANDUM

Date: November 15, 2023

To: Mayor Satya Rhodes-Conway
City of Madison Common Council
City of Madison Finance Committee
Water Utility Board

From: Krishna Kumar, General Manager
Joe Grande, Water Quality Manager

Subject: Resolution recommending execution of a Professional Services Agreement for construction administration and inspection services for Unit Well #15 PFAS Treatment Facility

RECOMMENDATION

Staff recommends executing a Professional Services Agreement with AECOM Technical Services, Inc. (AECOM) for construction administration and inspection services during construction of Unit Well #15 PFAS Treatment Facility at 3900 E Washington Avenue.

BACKGROUND

Madison Water Utility (Utility) Unit Well #15 historically has been an important drinking water supply source, delivering up to one billion gallons annually to northeast Madison including the E Washington Avenue corridor. However, due to elevated levels of Per- and Polyfluoroalkyl Substances (PFAS), the Utility shut down the well in 2019.

In April 2021, the Utility completed a Feasibility Study for PFAS Treatment that concluded granular activated carbon or ion exchange would effectively eliminate PFAS from the treated water. In June 2022, the Utility contracted with AECOM Technical Services, Inc. for professional engineering design services for a PFAS treatment facility. The final design of a treatment facility is near completion. The next step is to execute a Professional Services Agreement for construction administration services – see attached Scope of Services.

Following a competitive process, one proposal was received from AECOM, the design firm for the project. AECOM is a qualified firm with a thorough understanding of the project and familiarity with the technical details and associated specifications. Continuity of effort of the design consultant will streamline reviews and retain knowledge resources for ongoing project support. Finally, the cost and proposed hours submitted, similar to comparable recent projects in both size and scope, demonstrate AECOM's clear understanding of the project and its associated challenges. Based on these factors, Utility staff recommends executing a City's standard Professional Services Agreement with AECOM for construction administration and inspection services for a not to exceed amount of $248,800.

The estimated total project cost for the treatment facility is $5.9 million. It is worth noting that the Utility has been approved to receive $2.95 million in principal forgiveness and $2.95 million in low interest loan (2.1%) from the Safe Drinking Water Loan Program for completing construction of the treatment facility.

The legislative path for this item is shown below.

11/21/23 – Common Council (introduction)
11/27/23 – Finance Committee
11/28/23 – Water Utility Board
12/05/23 – Common Council (final action)

ATTACHMENTS

1. Unit Well #15 PFAS Facility Construction Administration – Scope of Services