

Date: May 25, 2023

Subject: Engineering Committee Meeting
Minutes **Tuesday, May 23, 2023**

To: Board of Directors

From: Engineering Committee and
Arthur G. Simonian, Executive Director

AGS

**Engineering Committee
May 23, 2023 Meeting Minutes**

The Engineering Committee met Tuesday, May 23, 2023 at the District Offices, 245 Main Street, Cromwell, Connecticut.

Chairman, John Dunham called the meeting to order at 6:17 PM. In addition to the Chairman, present were Committee Members – David Bauer, Bonnie Anderson, Don Naples and Liam Mitchell. Also, present were Executive Director – Arthur Simonian and District Engineer – Michelle Ryan. David Korber from Ameresco was also present. Attorney Ed Lynch attended remotely. There was a quorum.

Following is a summary of the May 23rd Engineering Meeting:

1) QBS-RFQ, Qualifications Review, Rating and Selection of six (6)

Consultants to be invited for interviews – RFQ packages for evaluation and scoring spreadsheets were sent out. The committee members were asked to complete and return the scoring sheets by June 9th. Evaluation sheets will be resent to ensure all members have the correct document. Executive Director, Art Simonian mentioned that they will begin scheduling interviews in June. It was confirmed that up to 6 consultants will be selected, depending on qualifications, and they will cover on-call services for up to 5 years. Suggestion was made to consider specialties such as odor control, air control/air systems and infrastructure improvements when evaluating/selecting consultants. Art to email what the District’s needs are to assist the committee members with selecting consultants with a customized level of experience and qualifications.

2) Ameresco M & V Report – David Korber from Ameresco reviewed the annual Measurement and Verification (M&V) Report for the first year of the Energy Performance Contract. Ameresco was selected for the project in June, 2017 and an Investment Grade Audit (GA) was presented to the District one month later. This audit became the basis for the Energy Services Agreement (ESA). Mr. Korber continued with a review of some of the Energy Conservation Measures (ECMs) throughout several areas of the District and pointed out the energy savings (utility and cost) that have been realized in the first year is approximately \$83,000. Mr. Korber continued with talking about the upgrade of the lighting systems with energy-efficient LED products manufactured to last for up to 20 years. We did not borrow any money for this project and only used reserves for funding. Ameresco will continue to provide quarterly reports to the District to ensure all energy conservation savings are in line with what was projected in our agreement.

- 3) **Secondary Heat Exchanger Replacement Bid Waiver** - Art to provide the Board with the number of useful years for this new equipment.

MOTION: Approve a bid waiver to utilize Arvos Schmidtsche Schack of Wexford, PA to furnish the Secondary Heat Exchanger, Upper Plenum and Lower Plenum, in the amount of \$560,000 and refers this recommendation to the Board of Directors for their review and approval.

Moved: Bonnie Anderson; Seconded: Liam Mitchell; Approved unanimously

- 4) **Administration Building Chiller Bid Waiver** – Continual efforts have been made to repair the chiller which is 23-years old and close to the end of its useful life.

MOTION: Approve a bid waiver to utilize Carrier Commercial Service of Wallingford, CT to furnish and install all materials for replacement chiller (air-conditioning system) in the amount of \$72,000, including contingency if necessary and refers this recommendation to the Board of Directors for their review and approval.

Moved: David Bauer; Seconded: Don Naples; Approved with Liam Mitchell abstaining

- 5) **Odor Control Carbon Replacement Bid Waiver**

MOTION: Approve a bid waiver to utilize ECS of Belton, Texas to furnish and install new replacement carbon and related wear materials to two (2) of the District's odor control units in the amount of \$90,630 and refers this recommendation to the Board of Directors for their review and approval.

Moved: David Bauer; Seconded: Bonnie Anderson; Approved unanimously

6) **ADS Flow Meters** – Executive Director Art Simonian provided an update on temporary meters’ data with comparison to parshall flumes that is correlating at 3%. He will continue to share additional data as it becomes available for next 2 months. Art will prepare memo report about what we did and how we use the data from the new meter recently installed. Suggestion was made to have ADS come to a future Engineering Committee meeting to discuss the differences in meters and how to install properly.

7) **Ash Lagoon Cleaning Project Bid Waiver** – We did this last year looking to utilize our contractor, Butler to do the work again.

MOTION: Approve a bid waiver to utilize H.E. Butler Construction of Portland, Connecticut to clean (excavation and debris removal) of approximately 5,500 cubic yards in the amount of \$98,387 and refers this recommendation to the Board of Directors for their review and approval.

Moved: Don Naples; Seconded: Liam Mitchell; Approved unanimously

8) **Odor Control & Complaints, CT River & Outfall Sodium Levels, Draft Response Letter to Town of Cromwell & Senator Blumenthal** – Executive Director Art Simonian mentioned there were extra packages of the letter mailed to Town of Cromwell available and that original packages had been mailed to committee members last week.

9) **Railroad Crossing Improvements Change Order for Insurance and Flagman**

MOTION: Approve change order to add G&W Railroad flagger (estimated at \$2,200 per day x 10 days) and additional liability insurance in the amount of \$45,065 and refers this recommendation to the Board of Directors for their review and approval..

Moved: Liam Mitchell; Seconded: Don Naples; Approved unanimously

THE MATTABASSETT DISTRICT

Memorandum

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- 10) Related Business and Staff Updates** – Executive Director Art Simonian reviewed Item #8 regarding sodium levels in the CT River impacted by the District’s discharge. The change in sodium levels was negligible (less than 0.03 ppm).

Adjournment:

Mr. Naples moved, no second needed and the committee approved unanimously to adjourn at 7:09 PM.

C: Board Members not on the Engineering Committee