

Date: October 15, 2020 Subject: Engineering Committee Meeting
Minutes Tuesday October 13, 2020
To: Board of Directors From: Engineering Committee and
Arthur G. Simonian, Executive Director

AGS

**Engineering Committee
October 13, 2020 Meeting Minutes**

The Engineering Committee met Tuesday, October 13, 2020 at The District Offices at 245 Main Street, Cromwell, Connecticut.

Chairman John Dunham called the meeting to order at 5:02 PM. In addition to the Chair, present was Committee Member – David Bauer, present remotely was Committee Member – Lanette Macaruso. Committee Member – Bonnie Anderson joined remotely at 5:10 PM. Also, present were Executive Director – Arthur Simonian and District Engineer – Michelle Ryan. There was a quorum.

Following is a summary of the October 13th, Engineering Meeting:

1) Energy Performance Project – The contractor for the HVAC has installed all the equipment. They currently are working on the controls, which requires coordination with our Internet/IT company. All the mechanical work should be complete by the end of next week. The commissioning of the controls should be complete by the end of the following week and training will begin. The project should be complete by the end of October.

Art discuss the measurement verification in the contract. The fee for basic equipment maintenance and monitoring will be out of the Operations budget. The measurement verification begins one year after the project is completed.

2) Final Clarifier No. 3 Center Column – G.M.H was performing repair work on the gear driver, when it was discovered the center column worn down where the arms rotate. The cost would be over \$100,000 for a new column. Art emailed John for emergency approval to make the repairs. They have to order the materials offsite, bring the parts here and fabricate a repair section for the center column. They provide a 2-year warranty for labor and materials. This will be the last of the four Final Clarifiers that will require gear drive repairs. Art put funds in the 5-year Capital Plan, which will not be needed in the future.

3) PowerHawke Preventive Maintenance Test Report -- PowerHawke provides repair on the Switch Gear and Transformer testing. They determined there was mislabeling of some of the switches and have made the corrections. These switches can shut power to plant. They also

installed inspection windows that allows us to see into it as well as the cleaning torquing and testing of the switches.

We are asking them for a proposal/scope of work for the Transformer/Generator Switch Gear that is aging. Preventative maintenance of the Switch Gears will help reduce outages in the future.

- 4) Fluidizing Blowers** – The Fluidizing Blowers serve our Incinerator. When they were installed, there was not a good way to remove them for maintenance. It is difficult to access the Blowers to maintain or move them. Konecranes developed a design to put a permanent crane system on the floor that would allow us to remove the blowers for servicing. Konecranes has done work for us previously.

Mr. Bauer moved, Ms. Macaruso seconded, and the committee approved unanimously:

MOTION: The Engineering Committee recommends a bid waiver for the fluidizing blower work by Konecranes, Inc. not to exceed \$55,000 and refers this recommendation to the Board of Directors for their review and approval.

- 5) Capital Item** – Art discussed upcoming 5-year and CNR projects with the Committee.

Adjournment:

Ms. Macaruso moved, no second needed and the committee approved unanimously to adjourn at 5:41 PM.