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**PARKS, RECREATION & FACILITIES  
MANAGEMENT**

**Dean R. Gazza, Director**

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TO: Finance Committee

FROM: Dean R. Gazza

DATE: 8/21/2023

RE: Action: Approve the Appleton Waste Heat to Power Project Engineering Services Amendment #1, Increasing Donohue and Associates total contract amount by \$94,185 from \$22,950 to \$117,135

The Appleton Waste Heat to Power (AWHP) Project will install two waste heat-to-power generators for utilizing methane gas historically flared to the atmosphere. The AWHP Project will produce clean energy while consuming no additional fossil fuels thus lowering emissions. This project utilizes an otherwise flared methane gas in the existing biogas boilers utilizing that heat in the waste heat-to-power generators, and both creates and utilizes a new renewable electricity resource for the Appleton Wastewater Treatment Plant (AWWTP). The City of Appleton has been awarded two grants in order to complete this project. Donohue and Associates have been instrumental in receiving the grants and are listed in the grants as project team members.

Donohue and Associates has been working on the AWWTP biogas system since 2009 and have completed two biogas utilization studies along with three successful biogas utilization projects. Donohue's knowledge of our biogas system is unmatched. When we were looking at the concept of utilizing the existing biogas boilers to create electricity using organic rankin cycle generators, Donohue was the most logical choice to partner with. Contract #118-22 was issued to Donohue and Associates to complete preliminary engineering and grant writing assistance. With assistance from Donohue, the City submitted two grants (Public Service Commission Energy Innovation (PSC EIG) Grant and Focus on Energy Custom Incentive) and was awarded both grants. As part of the PSC EIG Grant, we had to identify the project team as part of the application, and approval for this grant included Donohue and Associates. Grant award was based in part with us using Donohue and Associates for the professional engineering aspects of the project.

This request is to increase Donohue and Associates contract amount to accommodate the competition of the engineering aspect of the project now that the grants have been awarded. We will work with Donohue and Associates for completing design, specifications, and creating bidding documents during 2023 and the construction administration in 2024.

The cost of additional engineering services outlined as part of the Donohue and Associates Contract Amendment #1 totals \$94,185. This amendment would result in the contract amount increasing from \$22,950 to \$117,135.

Please feel free to contact me at 832-5572 with any questions, or by email at [dean.gazza@appleton.org](mailto:dean.gazza@appleton.org).