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**PARKS, RECREATION & FACILITIES  
MANAGEMENT**

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TO: Finance Committee

FROM: Dean R. Gazza

DATE: 4/26/2021

RE: Action: Approve Lower Substation Building Remodeling Project Engineering Services Amendment #1 increasing the McMahon total contract amount by \$7,000 from \$24,000 to \$31,000

**BACKGROUND:**

The majority of the Appleton Wastewater Treatment Plant (AWWTP) electrical distribution system is from the mid-1970's and has reached the end of its useful life. The electrical distribution system is critical to the Wastewater Treatment Plant's operations and needs to be upgraded to reduce the risk of an electrical distribution component failure. In 2017 AWWTP and PRFMD implemented a five-phase project to upgrade the AWWTP electrical distribution system. An integral part of the project is to renovate the E-Building to house the new lower substation. Currently the E-Building is an electrical distribution building that will be repurposed for the new system.

The 2021 Capital Improvement Plan includes \$2,300,000 for the Wastewater Electrical Distribution Upgrades Project Phase 4. Phase 4 includes renovation of the E-Building and installation of two new substations.

At the beginning of the project, Patrick Engineering was hired to complete the design services needed for the electrical distribution equipment upgrades. However, during design it was determined that the best location for the new lower substation was the current E-Building. The renovation of the E-Building requires architectural design and Patrick Engineering does not provide architectural services. We entered into a contract with McMahon to complete the necessary architectural services needed for the E-Building renovation. During the design process several unknown conditions arose that required additional services which included structural engineering services for reinforcing the F1-F2 tunnel walls and relocation of the HVAC equipment. Those extra items were not included in the original contract.

The cost of additional engineering services outlined as part of the McMahon Contract Amendment #1 totals \$7,000. This amendment would result in the contract amount increasing from \$24,000 to \$31,000.

Please contact me at 832-5572 or at [dean.gazza@appleton.org](mailto:dean.gazza@appleton.org) with any questions.