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Department of Utilities
Water Treatment Facility
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To: Chairperson Kathy Plank and Members of the Finance Committee

From: Utilities Deputy Director Chris Stempa

cc: Utilities Director Chris Shaw

Date: August 4, 2016

Re: **Informational Item:** *Change Order # 1 to August Winter & Sons Inc. contract 34-16 as part of the AWTF Generator Emissions Control Project for generator coolant drain, thermostat replacement, and coolant refill in the amount of \$3,444 resulting in a decrease to contingency from \$3,500 to \$56. No change to overall contract amount.*

Explanation:

On April 20, 2016 Common Council approved contract for the Installation of Emission Control Equipment on Appleton Water Treatment Facility (AWTF) Generators to August Winter and Sons, Inc. for \$46,500 with a contingency of \$3,500 for a project total not to exceed \$50,000. The emissions control equipment was installed to satisfy U.S. Environmental Protection Agency's (EPA) Clean Air Act requirements while preserving an existing capacity agreement with Wisconsin Public Power Inc. (WPPI).

Change Order #1 includes costs for services to drain generator coolant, replace original coolant system thermostats, and refill coolant upon completion of generator emissions control device installation. Draining the generator coolant was necessary to remove and reroute coolant system piping to facilitate the installation of emissions control equipment. These tasks were identified as the owners (e.g. AWTF) responsibility within the original bidding documents and thus outside August Winter & Sons Inc. (AWS) contract. The rationale for this was to avoid confusion and additional incurred costs resulting from mechanical contractors who might be unfamiliar with the operation and maintenance of large emergency generators. The generator coolant system thermostats were scheduled for replacement before the emissions project was envisioned. This task was coordinated with the emissions project work since replacement of the thermostats also required the generator coolant to be drained. Northcoast Power Systems LLC was subcontracted by AWS to perform the work which was advantageous from a coordination and project schedule standpoint. Furthermore, Northcoast Power Systems is familiar with the AWTF having provided cost effective services for both routine and emergency maintenance events.

All equipment and services as part of base bid project including those associated with Change Order #1 have been successfully completed. If you have any questions, regarding the project please contact Chris Stempa at 832-2353.