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TO: Chairperson Vered Meltzer and Members of the Utilities Committee

FROM: Chris Shaw, Utilities Director

DATE: August 25, 2022

RE: *Approve: 2021 Sludge Storage Addition Project Engineering Services Amendment #1 increasing the Applied Technologies, Inc. total contract amount by \$30,038 from \$499,301 to \$529,339 and decrease unallocated contingency from \$74,895 to \$44,857*

BACKGROUND:

The Appleton Wastewater Treatment Plant (AWWTP) Sludge Storage Building Addition project engineering service contract was awarded to McMahon by Common Council in November 2020. The original project scope included the expansion of the sludge storage building (SSB) and construction of a 600 cubic yard per year compost facility at the AWWTP.

Critical regulatory input pertaining to requirements associated with siting a compost facility was required to determine feasibility as part of the preliminary engineering phase. Multiple requests to Department of Natural Resources (DNR) were made for nearly two years to review potential regulatory hurdles, expectations, and/or design criteria that would or could be required if the city were to pursue the option of biosolids composting. Unfortunately, the DNR was unable to facilitate authorization and the decision to eliminate onsite biosolids composting from the project was made

Other needs were identified as preliminary engineering progressed and design concepts further developed. Biosolids haulers and permitted Hauled Waste Program companies are required to provide certified truck scale tickets for payment and invoicing. For more than 20 years, these trucks have relied upon a privately owned certified scale located near East Kensington Street and Kensington Drive. Escalating reliability issues brought to light during the preliminary engineering phase of the SSB Addition project resulted in the incorporation of a certified truck scale located at the AWWTP. Additionally, the

extents of planned construction then initiated city stormwater requirements that had to be accounted for as part of the design which were not originally known.

Therefore, Applied Technologies Inc., provided the following Professional Services amendment to account for the change in scope tasks:

TASK DESCRIPTION	AMOUNT
Design (Phase II)	
Site stormwater modeling	+\$2,750
Truck scale, deluge system and the redesign of the east road and additional required survey trips	+\$33,590
Construction Services (Phase III)	
Contract administration services	+\$2,380
Shop drawing review & RFI services	+\$3,580
O&M manual & record drawing services	-\$12,262
TOTAL	\$30,038

SUMMARY

The cost of additional engineering services outlined as part of the Applied Technologies Inc. Amendment #1 totals \$30,038. This amendment would result in the contract amount increasing by \$30,038 from \$499,301 to \$529,339 and decrease unallocated contingency from \$74,895 to \$44,857.

If you have any questions regarding this project, please contact Chris Stempa at ph: 832-5945.