



Engineering and Public Works Department
155 South Seward Street
Juneau, Alaska 99801
Telephone: 586-0800 Facsimile: 586-4565

DATE: April 3, 2023

TO: Wade Bryson, Chair
Public Works and Facilities Committee

THROUGH: Katie Koester, Director Engineering and Public Works

FROM: Alan Steffert, P.E., Utilities Engineer

SUBJECT: Funds Transfer to Wastewater SCADA Improvements Project (CIP U76-124)

Staff requests the transfer of \$1,800,000 to the Wastewater SCADA Improvements CIP (U76-124). The additional funding will cover the balance of construction costs, construction inspection, CBJ staff time and project contingency for unforeseen issues.

The funds would be transferred from the Mendenhall Wastewater Treatment Plant (MWWTP) Improvements CIP (U76-119), which is funding multiple ongoing projects at MWWTP, with the SCADA upgrades being the highest in priority to complete.

The original SCADA project budget of \$4.1 million was sufficient for planning, investigation, design, and a significant portion of the construction work required to upgrade the MWWTP's antiquated SCADA system. The intention has been to identify the details of work, upgrades and modifications during the intensive scoping and design process to determine the final budget needs.

Due to complexity of the work and risk for the utility to keep the MWWTP operational during the SCADA Improvements (i.e. removing and replacing the brain of the MWWTP while maintaining compliant operation), an Alternative Procurement process for construction (CMAR) was approved by Assembly ordinance Ord 2022-35, capping construction costs at \$3.9 million.

A 15-month collaborative process involving the design team, Wastewater Utility staff, and the CMAR contractor, fine-tuned the scope of work and design, and resulted in the determination of a guaranteed maximum price (GMP) for the SCADA upgrade construction work. The "almost final" GMP for construction is just over \$3.8 million with final negotiations and design refinements currently ongoing and anticipated to be finalized soon. A separate request for Assembly approval of the CMAR construction contract GMP amount will follow approval of this transfer request at the next regular Assembly meeting. Due to ongoing material supply chain issues and long specialty vendor lead times, construction is not anticipated to begin until January 2024.

Action Requested

Staff requests the above transfer of \$1,800,000 be forwarded to the full Assembly for approval.