



MEMORANDUM

Ordinance 23-58 and 23-59 Amending the FY24 Capital Budget by Accepting and Appropriating Two Hazard Mitigation Grants from the Division of Homeland Security & Emergency Management to Replace the City's Raw Water Transmission Mains and for Costs Associated with Management and Administering Grant 4413-001 1R. City Manager

Item Type: Backup Memorandum
Prepared For: Mayor and City Council
Date: November 6, 2023
From: Jenny Carroll, Special Projects & Communications Coordinator
Through: Rob Dumouchel, City Manager

I am pleased to report that the City has been awarded a Hazard Mitigation Grant Program (HMGP) grant from the Alaska Division of Homeland Security & Emergency Management in the amount of \$2,109,033.00 to replace the City's Raw Water Transmission Mains. Due in large part to disruptions at FEMA caused by COVID-19, this grant has been nearly four years in the making and we are very excited to finally get the implementation phase of this very important project underway.

This project replaces the two 47-year old cast iron raw water transmission mains (8,800 linear feet total) that transfer raw water from Bridge Creek Reservoir to the water treatment plant. These aging cast iron transmission mains are brittle, highly corrosive and as such highly susceptible to earthquake damage. Multiple repairs have already been made to these mains. The last two repairs were in response to earthquake damage. Major damage to the raw water transmission mains would make it impossible to serve the town with treated drinking water and would reduce the City's ability to provide adequate water pressure for fire protection.

Both mains will be replaced with High Density Polyethylene (HDPE) pipe, which is extremely durable and is less susceptible to damage by earthquakes or other natural disasters. One of the current water mains, at 8 inches, is under-sized to meet the maximum capacity of the Water Treatment Plant. The other main, a 10-inch line, is at capacity now. The plan is to replace both lines with larger 12-inch HDPE pipe. The larger-diameter pipes provide system redundancy and will be able to transport an adequate amount of raw water to the treatment plant for plant maximum daily flow both now and for future expansion of the treatment facility.

Design has been completed and is eligible for reimbursement under the HMGP.

Additionally, FEMA has made \$105,452 available to help offset costs related to managing and administering the Federal award to ensure that federal, state, or tribal requirements are met. These funds are granted under a separate obligating award document and are presented to Council for approval through a separate Ordinance.

Recommendation: Accept and appropriate Ordinances to (a) accept HMGP grant funds in the amount of \$2,109,033.00 for project implementation and (b) accept the HMGP Management Cost award.