



TOWN OF ERIE

645 Holbrook Street
Erie, CO 80516

Town Council

Board Meeting Date: 5/12/2020

File #: 20-238, Version: 1

SUBJECT: CONSENT

A Resolution of the Board of Trustees of the Town of Erie Approving Change Order No. 1 to the Agreement with Burns & McDonnell Engineering Company, Inc. for the Design of the Hydroelectric Facility to Provide Construction Administration Services in the Amount of \$166,158

DEPARTMENT: Public Works

PRESENTER/PREPARER: Todd Fessenden, Public Works Director
Wendi Palmer, Civil Engineer

TIME ESTIMATE:

FISCAL SUMMARY:

Cost as Recommended:	\$ 166,158
Balance Available:	\$1,515,304
Fund:	Water
Budget Line Item Number:	500-70-110-605000-100305(with supplemental appropriation)
New Appropriation Required:	No

STAFF RECOMMENDATION:

Approve a change order in the amount of \$166,158, between the Town of Erie and Burns & McDonnell Engineering Company, Inc. Authorize the appropriate Town officer to execute said change order, and authorize staff to expend budgeted funds.

SUMMARY AND BACKGROUND OF SUBJECT MATTER:

The 2020 Water Fund Budget has funds appropriated for constructing the Water Treatment Plant Expansion and for the construction of a Hydroelectric (turbine) Facility at the Water Treatment Plant. This turbine is anticipated to supply 20% of the existing plant power demand, and the power generation will increase as the Town grows.

During the design of the Water Treatment Plant Expansion project, the Town had the opportunity to perform a feasibility study, with partial grant funding from Colorado Water Resources and Power Development Authority, for a hydroelectric facility at the water treatment plant. The Feasibility Study was presented to the Board at the August 27, 2019 Board of Trustees meeting at which time a professional services agreement was approved for Burns & McDonnell to design the hydroelectric facility. Staff informed the Board of Trustees we intended to bring to the Board of Trustees an amendment to the CMAR contract for the construction of the hydroelectric facility; potentially contingent upon obtaining additional grant funding for the project.

Town Staff with the assistance of Burns & McDonnell submitted an application to the Department of Local Affairs (DOLA) for a Renewable and Clean Energy Grant in the amount of \$766,704. The Board of Trustees approved a resolution at the December 10, 2019 Board meeting authorizing the application for funding. If the Town does not fund this project, the Clean Energy Grant would need to be returned to DOLA, this could jeopardize future funding opportunities from DOLA. Worth noting is the Town also received a \$750,000 grant from a similar DOLA grant program for the next phase of our Community Park.

In addition to this resolution, on the agenda tonight is a resolution to approve the Fourth Amendment to the Lynn R. Morgan Water Treatment Facility Expansion CMAR contract with Garney Companies, Inc. for the construction of the hydroelectric facility. (20-237)

Burns & McDonnell has estimated an additional \$166,158 to provide construction administration services.

Fiscal Impact:

Burns & McDonnell, Inc.'s design contract for the hydroelectric facility was original approved for \$134,726. The additional \$166,158 will put the total design and construction administration cost at \$300,884.

ATTACHMENTS:

1. Resolution
2. Change Order 1