



Legislation Details (With Text)

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On agenda:	6/22/2021	Final action:			
Title:	A Resolution of the Board of Trustees of the Town of Erie Approving an Agreement for Professional Services with Topographic Land Surveyors Co., for the Design of the Lagoon Conversion to Stormwater Quality Pond				
Sponsors:	Public Works				
Indexes:					
Code sections:					
Attachments:	1. resolution, 2. Agreement For Professional Services, 3. Vicinity Map, 4. Stormwater Quality Pond Example				

Date	Ver.	Action By	Action	Result
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Subject: Consent

A Resolution of the Board of Trustees of the Town of Erie Approving an Agreement for Professional Services with Topographic Land Surveyors Co., for the Design of the Lagoon Conversion to Stormwater Quality Pond

Department: Public Works

Presenter/Preparer: Todd Fessenden, Public Works Director
Wendi Palmer, Civil Engineer

Fiscal Summary:

Cost as Recommended: \$216,000
Balance Available: \$300,000
Fund Storm Drainage
Budget Line Item Number: 520-70-110-605000-100270
New Appropriation Required: No

Staff Recommendation:

Approve the Resolution to award said contract, authorize the appropriate Town officer to execute said contract, authorize staff to expend budgeted funds.

Summary and Background of Subject Matter:

The 2021 Storm Drainage fund includes a budget line for Old Town Drainage Improvements. An improvement that would benefit existing and new development would be to construct a stormwater quality pond to treat stormwater prior to discharging into Coal Creek. Staff is recommending

converting the abandoned lagoons located north of the old water reclamation facility into a stormwater quality pond (see attached Vicinity Map). There is an existing 54-inch storm sewer on the west side of the lagoons that drains the majority of Old Town. By diverting stormwater from this storm sewer into the converted lagoons, the stormwater can be treated prior to discharging into Coal Creek.

This project has the potential for multiple benefits:

1. By providing stormwater quality treatment prior to discharging into Coal Creek, stormwater quality treatment would no longer be required on site for new development. This would save development/redevelopment cost in Old Town.
2. By treating stormwater in an existing untreated development, the Town may be able to receive nutrient removal credits from Colorado Department of Health and Environment (CDPHE) through its nutrient trading policy to apply towards the North Water Reclamation Facility permit as well as potential wetland credits to offset future development impacts.
3. The stormwater quality pond will provide an excellent wetland education opportunity for Erie residence by incorporating a trail and environmental exploration areas. (see attached Stormwater Quality Pond Example)

A requirement in the predesign phase is for the consultant to prepare a conceptual design with exhibits showing environmental education opportunities and the benefits of a stormwater quality pond. These exhibits will be used for obtaining public input at an open house, and for creating an outreach plan for obtaining public input for those that are unable to attend the open house. The conceptual plan will be updated to incorporate public input. The final conceptual plan will be presented at a Town of Erie Board of Trustee meeting to obtain the Boards input prior to beginning preliminary and final design.

A Request for Proposals was posted on Bidnet Direct on April 30, 2021.

The following schedule was used for selection:

Request for Proposals Issued	April 30, 2021
Pre-Proposal Meeting Via Zoom	May 10, 2021
Proposals Due	May 28, 2021
Staff review of Proposals	June 4, 2021

The Town received 4 proposals on May 28, 2021. Staff reviewed the qualifications of all 4 proposals in detail and meet on June 4 to review prior to looking at the fees. Although all of the proposers were qualified to do the work, Town staff ranked ICON and Topographic as the top two choices overall.

Fiscal Impact:

Fee Proposal Information

Topographic	\$187,750
Merrick and Company	\$277,550
ICON Engineering	\$306,007
JR Engineering	\$444,860

Staff is recommending awarding Topographic Land Surveyors Co. this project based on their qualifications, approach to the project, and design cost. Although Topographic has not worked with the Town in the past, Margaret Brown, the branch manager, has worked with the Town on multiple projects for over 20-years. The Proposal Fee is \$187,750, with a 15% contingency of \$28,250, the recommended contract award is \$216,000.

Board Priority(s) Addressed:

- ✓ Attractive Community Amenities
- ✓ Engaged and Diverse Community
- ✓ Prosperous Economy
- ✓ Small Town Feel
- ✓ Safe and Healthy Community
- ✓ Effective Governance
- ✓ Environmentally Sustainable
- ✓ Fiscally Responsible

Attachments:

1. Resolution
2. Agreement for Professional Services
3. Vicinity Map
4. Stormwater Quality Pond Example