



Town of Castle Rock

Agenda Memorandum

Agenda Date: 5/21/2019

Item #: 19. **File #:** TMP 2019-270

To: Honorable Mayor and Members of Town Council

From: Mark Marlowe, P. E., Director of Castle Rock Water

Resolution Approving a Construction Contract with RN Civil Construction, LLC for the Plum Creek Diversion Pump Station Project *[located west of Sedalia, Colorado]*

Executive Summary

Castle Rock Water is seeking Town Council approval of a Resolution (**Attachment A**) awarding a construction contract (**Exhibit 1**) with RN Civil Construction, LLC (RN Civil) for the Plum Creek Diversion Pump Station Project. The contract is for \$9,228,500. Staff also requests approval for a ten percent Town-managed contingency of \$922,850, for a total project authorization of \$10,151,350. RN Civil shall undertake the work upon execution of the contract and shall complete the work fifty weeks thereafter. A location map for the proposed Plum Creek Diversion Pump Station is provided (**Attachment B**).

History of Past Town Council, Boards & Commissions, or Other Discussions

The Plum Creek Diversion Pump Station is located at the Plum Creek Diversion site, west of Sedalia, Colorado. The project is located within the Douglas County jurisdictional area. The Douglas County Planning Commission approved the location and extents project application on December 3, 2018. Castle Rock Water is currently working with Douglas County to obtain all of the required construction permits for this project.

Staff presented this project to the Castle Rock Water Commission on April 24, 2019. The commission voted to support Castle Rock Water's recommendation on this project, since bids were only received the day before and staff had not had time to thoroughly vet the bids. Staff have since reviewed the bids and checked the references of RN Civil and recommend award of the construction contract.

Discussion

In 2017 Castle Rock Water purchased United Water and Sanitation District's infrastructure, which included the Plum Creek Diversion in Sedalia. The Plum Creek Diversion structure has a capacity to capture up to 25.8 million gallons per day (MGD), but is only able to pump 1.15 MGD up to Castle Rock Reservoir 1. This project is to construct a new Diversion Pump Station that is capable of pumping 25.8 MGD up to the reservoir. This project will also construct the new Plum Creek Pump

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Station that will pump water from Castle Rock Reservoir 1 to the Plum Creek Water Purification Facility. The Plum Creek Pump Station will initially be capable of pumping eight MGD and will be expandable up to fifteen MGD.

A Request for Qualification (RFQ) was advertised on Bidnet. Castle Rock Water staff selected eight qualified contractors from the RFQ response. The invitation to bid was sent out to the eight qualified contractors to provide bids for the construction of the pump stations. Five contractors provided bids for the project. The following table shows the results of the bidding process.

Consulting Firm	Total Cost
RN Civil	\$ 9,228,500
Myers	\$10,986,450
Stanek	\$11,412,000
T. Lowell	\$11,555,000
Filanc	\$12,769,000
Reynolds	No Bid
Moltz	No Bid
Garney	No Bid
Engineering Estimate	\$10,497,000

Budget Impact

Funding for this project was budgeted in the 2019 budget in the line item titled Plum Creek Diversion Structure, account no. 211-4375-443.77-54 WR-SDS. This account has a current balance in the amount of \$7,224,113. Castle Rock Water will do a second quarter budget amendment to fund the shortfall from the Water Resources reserves account. The table below provides a summary of the costs to-date and all estimated future costs. The RN Civil contract fee is \$9,228,500. Staff requests an additional \$922,850 (Town-managed ten percent contingency) be authorized, for a total project authorization of \$10,151,350.

	Cost	Contingency	Total Cost
Design	\$342,800	\$34,280	\$377,080
Planning Permit	\$905		\$905
Construction Permit	\$41,000		\$41,000
Construction Phase Services	\$534,090		\$534,090
GESC Surety	\$36,000		\$36,000
Electrical Services	\$10,000		\$10,000
Construction	\$9,228,500	\$922,850	\$10,151,350
		Total Costs	\$11,153,325

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Staff Recommendation

Staff recommends approval of the construction contract for the Plum Creek Diversion Pump Station Project with RN Civil Construction, LLC in the amount of \$9,228,500.

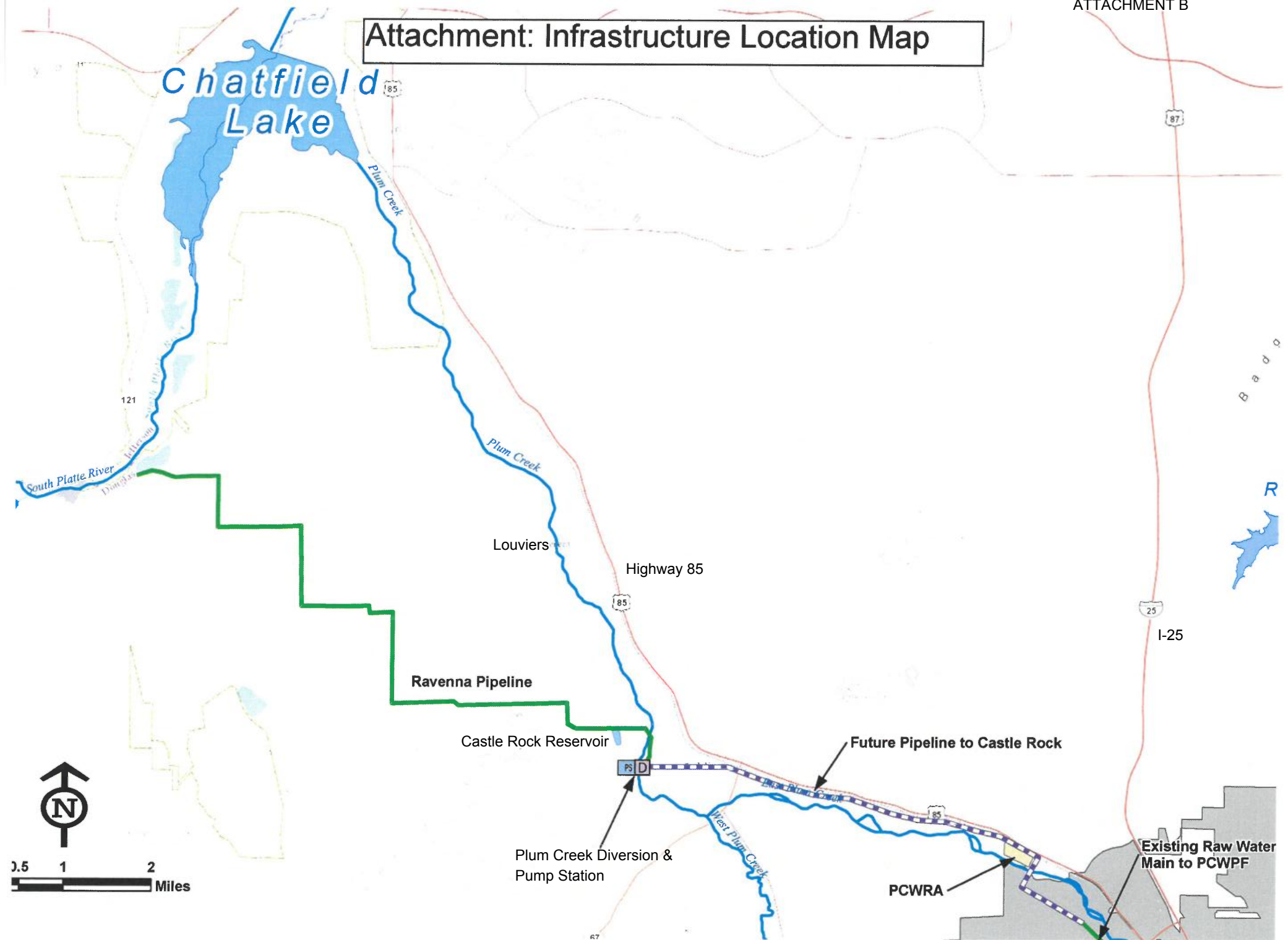
Proposed Motion

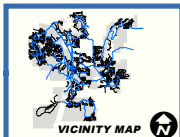
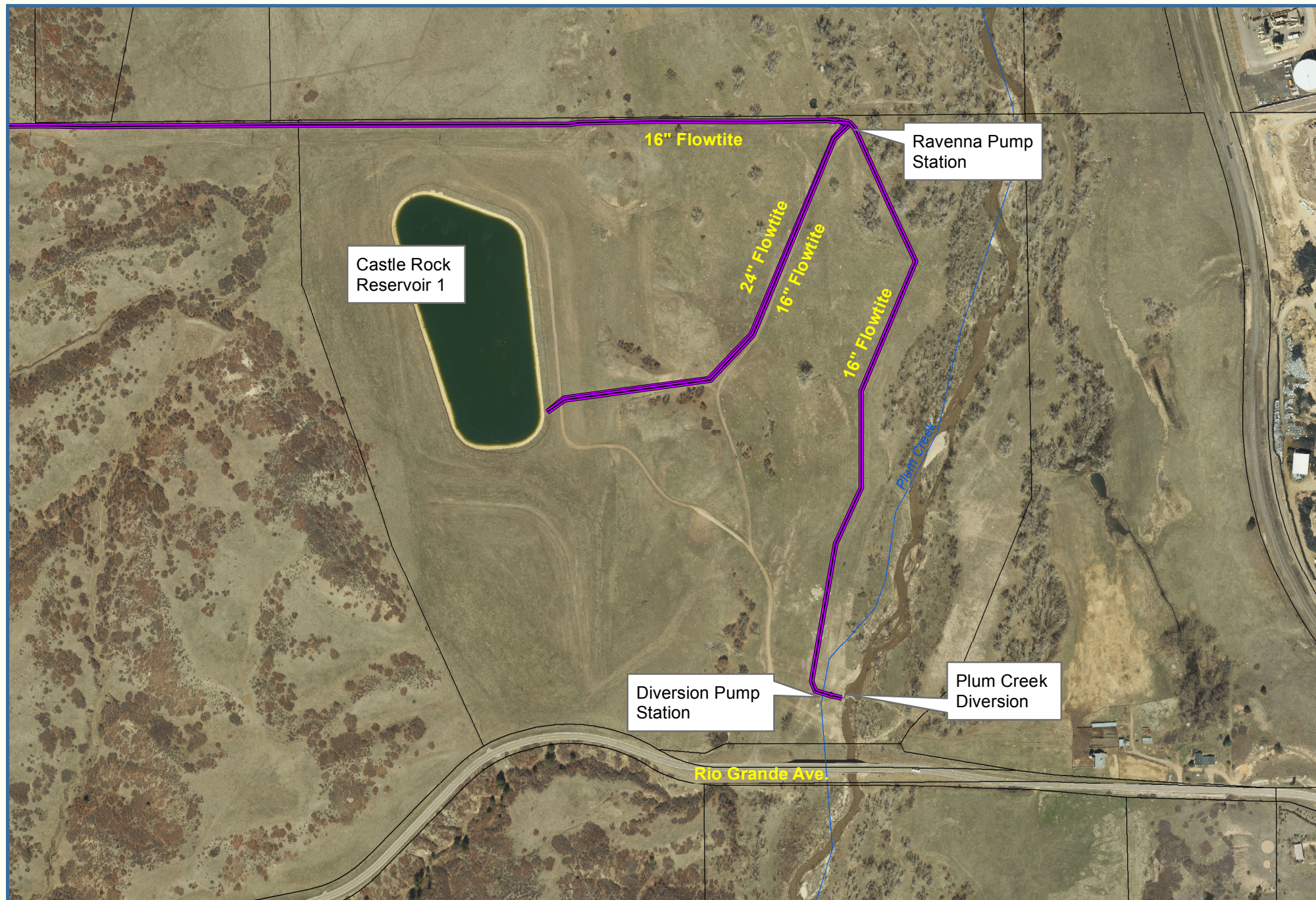
"I move to approve the Resolution as introduced by title."

Attachments

Attachment A:	Resolution
Exhibit 1:	Contract
Attachment B:	Map

Attachment: Infrastructure Location Map





0 250 500 1,000 Feet

Date: 2/6/2018 1 inch = 500 feet

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**CR WATER
PC DIVERSION
SITE MAP**