



Town of Castle Rock

Agenda Memorandum

Agenda Date: 6/4/2019

Item #: **File #:** TMP 2019-338

To: Honorable Mayor and Members of Town Council

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

Resolution Approving a Construction Contract with T. Lowell Construction, Inc. for the Highway 85 Transmission Project

Executive Summary

The purpose of this memorandum is to request Town Council's approval of a Resolution (**Attachment A**) for a construction contract with T. Lowell Construction, Inc. (T. Lowell) for the construction of the Highway 85 Transmission Project. The Highway 85 Transmission Project will complete the looping in the water distribution system between the Promenade, Metzler Ranch and the Meadows subdivisions. This project is needed to help facilitate the movement of water from the Ray Waterman Regional Water Treatment Plant and the Plum Creek Water Purification Facility into the Meadows subdivision. Staff recommends approving a construction contract with T. Lowell in the amount of \$611,000. In addition, Castle Rock Water staff requests a ten percent Town-managed contingency in the amount of \$61,100, for a total authorization of \$672,100. The construction contract is included (**Exhibit 1**).

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

This topic was presented to the Castle Rock Water Commission at their regular meeting on May 22, 2019. The commission voted _____.

Discussion

During the planning process for the 2017 Water Master Plan, the Highway 85 Transmission Project was identified in the 2018-2022 planning horizon. Castle Rock Water added WISE Water as a new source of supply in 2018. WISE Water subscription rates will increase yearly for the next few years. WISE Water enters the water distribution system at the Ray Waterman Regional Water Treatment Facility (RWRWTF). The water flows throughout Town based on the needs of the system. The master planning effort identified a restriction in the movement of water from the RWRWTF to the Meadows and Promenade subdivisions. A project location map is provided (**Attachment B**). The master planning effort identified the Highway 85 Transmission Project to eliminate this restriction.

The Highway 85 Transmission Project will install a new twenty-inch main between Justice Way and

Meadows Parkway. The new pipeline will tie into existing stubs located at Meadows Parkway, Industrial Way, and Justice Way. A majority of the pipeline will be located within the southbound lanes. A short section north of Industrial Way will be located in the northbound lane to make the tie-in to the existing stub in Meadows Parkway.

This memorandum is to request approval of a construction contract with T. Lowell for the construction of the new water main. The project was designed by Town staff. The invitation to bid was sent to six qualified contractors. Bids were received from three contractors, as summarized in the table below. The Engineer's estimate was \$938,000. The low bid was received from T. Lowell and is considered a responsive bid.

Consultant	Bid Amount
T. Lowell	\$611,000
Global	\$805,000
Rocky Mountain Excavating	\$1,018,177
C&L	No Bid
Iron Woman	No Bid
Garney	No Bid

Budget Impact

Funds for this project are available in the 2019 budget under the line item, "Hwy 85 Transmission" (Account No. 210-4275-442.78-25). T. Lowell's bid was \$611,000. Staff requests a ten percent Town-managed contingency in the amount of \$61,100, for a total project authorization of \$672,100.

<u>Project</u>	<u>Amount</u>	<u>Contingency</u>	<u>Total</u>
Hwy 85 Transmission	\$611,000	\$61,100	\$672,100

A summary of project expenditures to-date is shown below.

<u>Contractor</u>	<u>Expenditure</u>
Precision Survey	\$10,930
BT Construction	\$14,010
<u>T. Lowell</u>	<u>\$672,100</u>
<i>Total</i>	\$697,040

Project Budget	\$703,000
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Staff Recommendation

Staff recommends Town Council's approval of a Resolution (**Attachment A**) approving a construction contract between the Town of Castle Rock and T. Lowell Construction, Inc. (**Exhibit 1**), for construction of the Highway 85 Transmission Project in the amount of \$611,000, plus a ten

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percent Town-managed contingency of \$61,100, for a total project authorization of \$672,100.

Proposed Motion

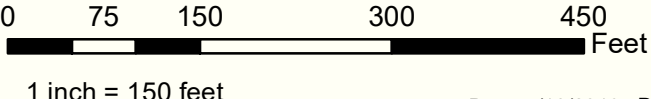
"I move to approve the Resolution as introduced by title."

Attachments

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



- Legend**
- Sanitary Sewer
 - Stormwater Conduit
 - Fiber
 - Raw Water Distribution Main
 - Water Distribution Main



Disclaimer: The data presented has been compiled from various sources, each of which introduces varying degrees of inaccuracies or inconsistencies. Such discrepancies in data are inherent and in supplying this product the Town of Castle Rock assumes no liability for its use or accuracy. Questions or comments regarding the cartographic composition of this map including, but not limited to, errors, omissions, corrections, and/or updates, should be directed to the Utilities Department, Town of Castle Rock, (720) 733-6087. Copyright 2017, Town of Castle Rock Utilities Mapping.

**CASTLE ROCK
WATER MAP
HWY 85 TRANSMISSION
PROJECT**