



Town of Castle Rock

Agenda Memorandum

Agenda Date: 1/8/2019

Item #: 11. **File #:** RES 2019-002

To: Honorable Mayor and Members of Town Council

From: Mark Marlowe, Director of Castle Rock Water
Bob Goebel, Director of Public Works

Resolution Approving the Town of Castle Rock Services Agreement with AECOM Technical Services, Inc. for the Craig and Gould North Infrastructure Improvements Project

Executive Summary

Castle Rock Water and the Public Works Department are seeking Town Council approval of a Resolution (**Attachment A**) awarding a Services Agreement (**Exhibit 1**) with AECOM Technical Services, Inc. for the Craig and Gould North Infrastructure Improvements Project, in the amount of \$583,100 (total authorization). The scope of work generally includes engineering design, surveying, permitting and geotechnical services for upgrading the streets, alleys, storm drainage, water and sanitary sewer infrastructure in the Craig and Gould North neighborhood to meet current design criteria standards. A project location map has been provided (**Attachment B**). Services under this agreement are anticipated to be completed by December 2019, and construction of the project is scheduled for January through December 2020. The following budget is incorporated into the Town's five-year capital improvement plan.

	Design	Construction	Total
Project Budget	\$1,118,108	\$5,526,925	\$6,645,033

Notification and Outreach Efforts

The project is located in the residential neighborhood identified as Craig and Gould North, bounded by Rock Park to the north, Sunset Drive to the east, Fifth Street to the south and Front Street to the west. Improvements will primarily be constructed within Town owned right-of-way, and also Union Pacific Railroad and CDOT rights-of-way.

Town staff will contact residents through notification letters, and hold one or more public open houses to present and discuss the proposed project. Project details and updates will also be provided on the Town's website, CRgov.com.

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

The Craig and Gould North project was last presented to Town Council on April 5, 2011, at which time the Council awarded a construction contract for water and sewer infrastructure replacement to address capacity issues and failing infrastructure. Additionally, Town staff presented a project management plan at the December 11, 2007 meeting to establish the project scope and budget. The current project generally follows the scope as discussed at that meeting.

This neighborhood has had a history of concerns including flooding of private property, water main breaks and sanitary sewer backups. This project will reduce flooding hazards, unnecessary utility disruptions and improve traffic and pedestrian use of the right-of-way.

Discussion

This project will implement infrastructure upgrades similar to those previously completed in the Craig and Gould South neighborhood in 2005. Specifically, the proposed improvements include:

- **Streets** - Existing streets will be reconstructed to current residential design criteria, with the addition of curb and gutter, new asphalt pavement, dedicated on-street parking, signing and striping, and profile grade improvements where feasible. Also, paved sidewalks, crosswalks and ADA compliant ramps will be installed to facilitate pedestrian movement in the neighborhood.
- **Storm Drainage** - The neighborhood currently lacks a modern storm drainage collection system, and is susceptible to localized flooding during storm events. A new storm sewer system will be designed and constructed, in conjunction with the street improvements, to safely and efficiently capture storm flows in the area. An outfall system will then convey these flows under Union Pacific Railroad and Interstate 25, ultimately discharging to East Plum Creek. Additionally, opportunities for installing detention and water quality features will be explored to the extent feasible.
- **Water and Sanitary Sewer** - Partial improvements to the existing water mains and sanitary sewer mains in the neighborhood have been implemented in the past as necessary. This project will complete upgrades to the remaining portions of these systems before they become critical, taking advantage of the street and storm sewer construction to minimize inconvenience and disruption to residents.

The Town issued a Request for *Proposals* (RFP), and eight (8) proposals were received. The proposals were reviewed and ranked based on a weighted set of criteria included in the RFP document. Following the qualification-based selection process, the fee schedule for each firm was opened and reviewed, “not for low bid, but for a reasonable and appropriate level of effort from each team member.” The eight fee schedules ranged from \$165,480 to \$938,503. The top ranked firm from this selection process was AECOM Technical Services, Inc. with a proposed fee of \$583,100. Their proposal and fee combination represent the best value for the Town in terms of project approach and

understanding, technical expertise and scope of services provided. This fee is well within the 2019 budget of \$1,120,000 for project design and it is reasonable based on the magnitude of the project (~10.6 percent of budgeted construction cost). AECOM brings with them a team of individuals who participated in the original design work for Craig and Gould South through URS Engineering. This institutional knowledge of design constraints, public feedback and lessons learned will ensure a consistent quality product for the neighborhood.

Budget Impact

Funds for this Services Agreement will be charged to the accounts below, which have available 2019 budgets for the authorization amounts requested.

Fund	Account Number	Amount	Budget
Transportation	120-3175-431.77-62	\$416,916.50	\$ 800,000
Water	210-4275-442.76-51	\$ 31,487.40	\$ 60,000
Stormwater	212-4475-444.76-51	\$111,372.10	\$ 213,108
Wastewater	213-4575-445.76-51	\$ 23,324.00	\$ 45,000
Totals:		\$583,100.00	\$1,118,108

Staff Recommendation

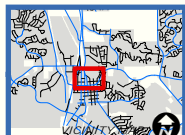
Staff recommends Town Council approval of a Resolution awarding the Services Agreement with AECOM Technical Services, Inc. for the Craig and Gould North Infrastructure Improvements Project, at a cost of \$583,100 (total authorization).

Proposed Motion

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

Attachments

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



0 100 200 400 600 Feet

1 inch = 300 feet



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 in 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.

**CRAIG & GOULD NORTH
INFRASTRUCTURE IMPROVEMENTS
PROJECT SITE MAP**