



Agenda Memorandum

Agenda Item – {{section.number}}.A.

City Council Meeting
May 19, 2025



Strategic Priority 5: Resilient Infrastructure

Maintain and invest in resilient infrastructure that creates the highest return for safety, community connectivity, enjoyment of life, and local economic success.

Subject: Authorize a Contract with Burns and McDonnell Engineering Company, Inc. for Design of the Lowell Boulevard Waterline and Critical Sewers Replacement Project

Prepared By: Andrew Walsh, Principal Engineer

Recommended City Council Action:

Authorize the City Manager to execute a contract with Burns and McDonnell Engineering Company, Inc. for design of the Lowell Boulevard Waterline and Critical Sewers Replacement capital project in the amount of \$1,266,645, plus contingency in the amount of \$189,997, for a total authorized expenditure with this firm of \$1,456,642.

Summary Statement:

- The purpose of this project is to replace aged water and sanitary sewer mains in the area of Lowell Boulevard and 72nd Avenue as shown on Attachment A. These utilities serve a historic area of the city, have a history of breaks, and are nearing or are at the end of their useful lives.
- Burns and McDonnell Engineering Company, Inc. (Burns and McDonnell) was selected through a competitive proposal process to design the water and sewer replacements. Staff recommends awarding the design contract to Burns and McDonnell based on their qualifications, competitive fees, and successful performance on other recent projects completed with the City.
- Design will commence following City Council approval and is anticipated to be completed within 12 months. Due to the potential higher risk for utility conflicts and environmental concerns working in a historic area of the city, Staff is requesting a 15 percent design contingency. Bidding for the construction phase will follow the completion of design, and Staff will return to City Council for consideration of the construction contract and construction-related services.

- Adequate funds were budgeted for and are available for this project utilizing Utility Capital Improvement funds. The City plans to apply awarded FY24 Congressionally Directed Funds during the construction phase of the project.

Fiscal Impact:

\$1,456,642 in expenditures

Source of Funds:

Utility Capital Improvement Funds – Lowell 72nd Waterline and Historic Westminster Sewer Interceptor Sewers Accounts

Policy Issue(s):

Should City Council authorize an engineering services contract with Burns and McDonnell to design the Lowell Boulevard Waterline and Critical Sewers Replacement Project?

Alternative(s):

City Council could choose not to authorize a contract with Burns and McDonnell. This alternative is not recommended; Staff has determined through the competitive procurement process that they provide the best value to the City based on their approach, qualifications, experience with projects of a similar size and scope, and experience with federally funded projects. Repair and replacement of the water and sewer mains are a priority so the City can continue to maintain reliable service.

Background Information:

The City of Westminster maintains over 560 miles of water distribution mains and 400 miles of sanitary sewer mains. Over time, water and sewer mains become aged, develop leaks or defects, and require replacement.

In 2014, the City hired HDR Engineering, Inc. to evaluate the condition of the water distribution system pipes. The analysis included the following: likelihood and consequence of failure, age, break history, and material. Two of the highest priorities in the City for water main replacement are the 16-inch water transmission main in Lowell Boulevard between 72nd Avenue and 80th Avenue and the 16-inch water transmission main in 72nd Avenue between Lowell Boulevard and Newton Street. The locations of these mains are shown on Attachment A. The cast iron water mains were constructed in 1959 and have a history of breaks.

In 2020, the City hired Wenk Associates, Inc. (Wenk) to evaluate critical sewers for repair or replacement in the Little Dry Creek sewer basin. In late 2020, Stantec, Inc. acquired Wenk and, through its work, ten sewer mains were prioritized for repair or replacement, eight of which were added to this project and are shown on Attachment A.

Requests for Proposals (RFPs) for the design of the Lowell Boulevard Waterline and Critical Sewer Replacement Project were advertised on Bidnet, and 2,381 consulting firms were notified of this opportunity. The documents and plans received 91 downloads, and seven proposals were submitted. Of the submitted proposals, Staff evaluated and ranked the firms based on their approach, qualifications, experience with projects of a similar size and scope, and experience with federally funded projects. Following best practices under the guidance of the Procurement Division, each proposal was reviewed and ranked in priority based on qualifications, followed by a review of the fee

portion of the proposal. Burns and McDonnell received the highest score by the evaluation team based on their technical understanding of the project and experience on other federally funded projects.

As a result of the City's competitive proposal process, it is Staff's assessment that Burns and McDonnell provides the best value based on their qualifications of projects of a similar size and scope, competitive fees, and successful performance on other projects with the City. Their fee structure has been negotiated and falls within expectations of similar projects. It is recommended that Burns and McDonnell be awarded the contract for \$1,266,645, plus contingency in the amount of \$189,997, for a total authorized expenditure with this firm of \$1,456,642.

Design is anticipated to commence immediately following City Council approval and is anticipated to be completed within 12 months. Bidding for construction is anticipated to begin following design and is anticipated to take 18 months to complete.

The Strategic Priority of Resilient Infrastructure is met by investing in the City's water and sanitary sewer infrastructure such that a safe and reliable level of service to citizens is maintained.

Respectfully submitted,



Jody L. Andrews
City Manager

Attachments:

Attachment A – Overall Project Areas

Attachment B – Contract with Burns and McDonnell