



City of Missoula, Montana
Item to be Referred to City Council Committee

Committee: Public Works

Item: Bid Award with Knife River for the Grant Creek Sewer Collection Improvement Project

Date: March 24, 2021

Sponsor(s): Ross Mollenhauer

Prepared by: Ashley Strayer

Ward(s) Affected:

<input type="checkbox"/> Ward 1	<input type="checkbox"/> Ward 4
<input checked="" type="checkbox"/> Ward 2	<input type="checkbox"/> Ward 5
<input type="checkbox"/> Ward 3	<input type="checkbox"/> Ward 6
<input type="checkbox"/> All Wards	<input type="checkbox"/> N/A

Action Required:

Award the bid for construction services on the Grant Creek Sewer Collection Improvement Project to Knife River for an amount not to exceed \$932,025.00 and authorize the return of bid bonds.

Recommended Motion(s):

I move the City Council: Award the bid for construction services to the Grant Creek Sewer Collection Improvement Project to Knife River for an amount not to exceed \$932,025.00 and authorize the return of bid bonds.

Timeline:

Referral to committee:	April 5, 2021
Committee discussion:	April 7, 2021
Council action (or sets hearing):	April 12, 2021
Public Hearing:	N/A
Deadline:	N/A

Background and Alternatives Explored:

The City of Missoula owns and operates a series of wastewater lift stations along Expressway that collect and convey wastewater north of Broadway and west of Grant Creek to the Wye Area. The Grant Creek lift station is the final lift station in the series of lift stations. It was originally installed in 1980 as part of the Grant Creek Center Subdivision This lift station is in need of deferred maintenance and provides hydraulic limitations to future growth within the tributary area. This project will install a 15" gravity sewer main from Expressway to the existing 15" sewer main south of West Broadway. The extension includes crossing Grant Creek, Montana Rail Link right-of-way, and West Broadway. This will allow for the lift station to be decommissioned.

Four alternatives were considered in the preliminary design phases of this project. Alternative 1 is the option that was chosen. Alternative 2 was rerouting the force main from Momont No. 2 lift station to an existing manhole near West Broadway. This alternative would require installing 4,200 linear feet of force main, jack and bore crossing of Montana Rail Link and West Broadway, rehabilitating of Momont No. 2. Alternative 3 included decommissioning Momont No. 2 Lift Station

and installing approximately 4,200 linear feet of 24-inch PVC from the existing wet well from Momont No. 2 Lift Station to the existing manhole near West Broadway. Alternative 4 was to rehabilitate both Momont No. 2 Lift Station and Grant Creek Lift Station.

Alternative 1 that is discussed in the report was selected after net present value analysis was prepared for each of the alternatives. Alternative 1 was determined to be the most feasible option to resolve the aging lift station and hydraulic limitations.

A bid opening for this project was conducted on March 9, 2021, by the City's consultant engineer Morrison-Maierle, Inc. Three bids were received, all of which were considered responsive by the City Clerk. Following the bid opening, Morrison-Maierle, Inc. recommended that the City award the project to Knife River as the lowest bidder.

Financial Implications:

\$932,025.00 from the Sewer Development Fund

Links to external websites: