

CITY COUNCIL AGENDA ITEM
CITY OF SHORELINE, WASHINGTON

AGENDA TITLE:	Authorize the City Manager to Execute a Construction Contract with B&B Utilities and Excavating, LLC in the Amount of \$332,853 for the 2017 Stormwater Pipe Replacements Project
DEPARTMENT:	Public Works
PRESENTED BY:	Tricia Juhnke, City Engineer
ACTION:	<input type="checkbox"/> Ordinance <input type="checkbox"/> Resolution <input checked="" type="checkbox"/> Motion <input type="checkbox"/> Discussion <input type="checkbox"/> Public Hearing

PROBLEM/ISSUE STATEMENT:

Staff is requesting that Council authorize the City Manager to execute a Contract with B&B Utilities and Excavating, LLC, for construction of the 2017 Stormwater Pipe Replacements Project in the amount of \$332,853. The Project will install approximately 630 linear feet of stormwater pipe to implement priority replacement of existing damaged pipes at three locations.

From June 1 to 20, 2017, the City solicited for contractors to construct the 2017 Stormwater Pipe Replacements Project as Bid# 8459. The engineer's estimate for the construction was \$364,553. B&B Utilities and Excavating, LLC, submitted the low bid, in the amount of \$332,853. Staff has determined that the bid from B&B Utilities and Excavating, LLC, is responsive and that they have met the City's requirements.

RESOURCE/FINANCIAL IMPACT:

This project is fully funded by City's Surface Water Utility fund. Below is a breakdown of the budget for the 2017 Stormwater Pipe Replacements Project:

Project Expenditures:

Design:

Staff and other Direct Expenses	\$17,000
Engineering Consultant	\$32,000
Utility Location Services (Potholing)	\$9,500

Construction:

Staff and other Direct Expenses	\$8,000
Engineering Consultant	\$5,000
Construction Contract	\$332,853
Total Construction	\$345,853

Contingency (10% of contract amount) \$33,285

Total Project Expenditures \$437,638

Project Revenue:	
Surface Water Capital Fund	\$437,638
Total Project Revenue	\$437,638

RECOMMENDATION

Staff recommends that Council authorize the City Manager to execute a construction contract with B&B Utilities and Excavating, LLC, in the amount of \$332,853 for the 2017 Stormwater Pipe Replacements Project.

Approved By: City Manager **DT** City Attorney **MK**

BACKGROUND

The 2017 Stormwater Pipe Replacements Project (Project) is part of the City's ongoing multi-year Stormwater Pipe Repair and Replacement Program (SWPRRP). The SWPRRP proactively ensures public safety, reduces flooding, decreases maintenance demands, and protects infrastructure and other public and private property.

The stormwater pipes in the Project were identified for priority repair after completion of systematic CCTV inspection condition assessments in conjunction with basin planning efforts. Prioritization included a detailed review of each pipe's inspection results and other characteristics, and took into account both the structural condition of the pipe (risk of failure) and pipe criticality (potential consequences of failure).

DISCUSSION

The Project will install approximately 629 linear feet of stormwater pipe to implement priority replacement of existing damaged pipes at three locations: 11th Avenue NW north of NW 190th Street, Whitman Avenue N between N 145th Street and N 149th Street, and 8th Avenue NW just south of NW Richmond Beach Road.

11th Avenue NW location

The Storm Creek Basin Plan identified a priority need to replace a failed stormwater pipe west of 11th Avenue NW between the properties at 19031 and 19041 11th Avenue NW. It will be replaced with a new storm drain pipe and catch basin alignment running south for approximately 400 linear feet along the west side of 11th Avenue NW to NW 190th Street within the public right-of-way. The old pipe will be capped at the upstream end and abandoned in place. Other improvements will include installation of new asphalt berms and a shallow roadside asphalt swale to help collect roadway runoff and convey it away from down slope private properties. ***This flyer*** was provided in December 2016 to neighbors along 11th Avenue NW to provide information and solicit feedback.

Whitman Avenue N location

The Boeing Creek Basin Plan identified a priority need to replace multiple failed sections of concrete stormwater pipe within the public right-of-way of Whitman Avenue N at four locations on the east side of the street and one location on the west side between 14550 and 14817. In addition to the pipe replacement, one new concrete inlet will be installed to provide a standard connection for a large lateral pipe and one existing failed catch basin will also be replaced.

8th Avenue NW location

The Puget Sound Drainage Basin Plan identified a priority need to replace a failed section of concrete stormwater pipe crossing 8th Avenue NW south of Richmond Beach Road. This pipe's failed condition warrants complete replacement and replacement of catch basins at both ends.

Project Bid Process – Bid# 8459

From June 1 to 20, 2017, the City solicited bids for construction of the 2017 Stormwater Pipe Replacements Project as Bid# 8459. Bids were opened on June 20, 2017, and two (2) bids were received:

Bidder	Total Bid
<i>B&B Utilities and Excavating, LLC</i>	\$332,853
Trimaxx Construction, Inc.	\$486,877

B&B Utilities and Excavating, LLC, was the low bidder with a bid of \$332,853. The engineer's estimate for construction was \$364,553. City staff determined that the bid from B&B Utilities and Excavating, LLC, is responsive and has met the requirements of the bid. This was verified by:

- Evaluation of the bid through the creation of bid tabulations, and
- Verification that the contractor is properly licensed in Washington and has not been barred from contracting on federal- and state-funded projects.

Construction of the Project is anticipated to start in August 2017 with completion anticipated in October 2017.

COUNCIL GOAL ADDRESSED

This project addresses Council Goal #2, Improve Shoreline's utility, transportation, and environmental infrastructure. This project will meet this goal by replacing failing stormwater pipes.

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Project Revenue:

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Of the above listed Project expenditures, approximately \$24,500 for design was spent in 2016; the remaining \$413,138 in expenditures applies to 2017. The adopted 2017 budget for the Stormwater Pipe Replacement Program is \$235,000. The approximate \$180,000 difference between the original budget and updated budget will come from the authorized Surface Water Management Capital fund based on under-spending on the 25th Ave NE Flood Reduction Project. The 25th Ave NE Flood Reduction Project is expected to underspend the 2017 adopted budget by approximately \$400,000, which exceeds the additional \$180,000 needed on this Project. These budget revisions will be included in the 2018-2023 CIP.

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