

AGENDA BILL

**Beaverton City Council
Beaverton, Oregon**

SUBJECT: Contract Award – SW Hyland Way
Waterline Replacement Project CIP 4111

FOR AGENDA OF: 08-14-18 **BILL NO:** 18176

MAYOR'S APPROVAL: Denny Pol

DEPARTMENT OF ORIGIN: Public Works

DATE SUBMITTED: 08-03-18

CLEARANCES: City Attorney MKD
Mayor's Office [Signature]
Purchasing [Signature]
Finance [Signature]
Engineering [Signature]

PROCEEDING: CONSENT AGENDA
(CONTRACT REVIEW BOARD)

- EXHIBITS:**
1. Funding Plan
 2. Map & Project Data Sheet
 3. Bid Results Summary
Supplemental Memorandum
(Pending)

BUDGET IMPACT

EXPENDITURE	AMOUNT	APPROPRIATION
REQUIRED \$809,565*	BUDGETED \$ 40,000 (FY 2017-18)** \$780,000 (FY 2018-19)**	REQUIRED \$-0-

*The Expenditure Required is based on the Project Manager's estimate, and will be revised once bids are received and low bidder is identified by the purchasing agent.

** Account No. 501-75-3701-682 Water Fund - Water System Improvement Projects – Construction Account. The FY 2017-18 Adopted Budget included a \$40,000 appropriation that was unspent for this project and the FY 2018-19 Adopted Budget includes a \$780,000 appropriation. Staff recommends the \$40,000 unspent appropriation from FY 2017-18 be carried forward into FY 2018-19 in the November 2018 Supplemental Budget, which would provide a \$820,000 total appropriation for this project.

RECOMMENDED ACTION:

City Council, acting as the Contract Review Board, authorizes the Mayor to sign a contract with the lowest responsive bidder for the SW Hyland Way Waterline Replacement Project CIP 4111 in a form approved by the City Attorney. The City Council directs the Finance Director to include in the November 2018 Supplemental Budget the carryforward of the \$40,000 unspent appropriation from Fiscal Year 2017-18

HISTORICAL PERSPECTIVE:

This project will consist of the replacement of the existing cast iron water main constructed in 1969. This neighborhood has experienced multiple water main breaks in previous years and the City of Beaverton Engineering and Water Divisions have rated this water main a priority replacement project.

INFORMATION FOR CONSIDERATION:

The SW Hyland Way Waterline Replacement Project will involve the construction of approximately 3,350 lineal feet of eight-inch, six-inch, four-inch and two-inch diameter water mains on SW Hyland

Way, SW 27th Court, SW 18th Court, SW Hyland Park Court, and SW Hyland Way Court (Exhibit 2). Also included in this project is the relocation of existing water meters and service lines. The water meter relocation work is being done to facilitate access by City staff for reading and maintenance. A permanent, utility easement is also being established along with the construction of the new waterline and its related facilities; it will be conveyed by the homeowners association after construction.

Funding for the SW Hyland Way Waterline Replacement Project is comprised of \$780,000 that is included in the FY 2018-19 Adopted Budget and \$40,000 that was budgeted in FY 2017-18 and is recommended to be carried forward into FY 2018-19. (Exhibit 1).

Staff completed the design for CIP 4111 on July 10, 2018, and the project was advertised in the Daily Journal of Commerce on July 11, 2018. The non-mandatory prebid meeting was held on July 19, 2018, and two contractors attended.

The bid opening is scheduled for 2:00 P.M. on August 7, 2018. Since the Council packet for the August 14, 2018, City Council meeting is distributed on or about August 8, 2018, staff will prepare a supplemental memorandum and bid (Exhibit 3) on or before the City Council meeting that will be provided to the City Council summarizing the actual bid results and a recommendation for award of a contract to the responsible bidder submitting the lowest responsive bid.

**City of Beaverton
Capital Projects Funding Plan
SW Hyland Way Waterline Replacement Project CIP 4111**

Exhibit 1

<u>Fund and Account Number</u>	<u>FY 2017-18 Project Construction Budget</u>	<u>FY 2018-19 Project Construction Budget</u>	<u>Total Available for Construction</u>	<u>Project Bid</u>	<u>PM's Estimate</u>
Water Maintenance (Replacement/Renewal) Fund: 501-75-3701-682 (CIP No. 4111 SW Hyland Way Waterline Replacement Project)	\$40,000	\$780,000	\$820,000	*TBD	\$ 809,565
Totals	<u>\$40,000</u>	<u>\$780,000</u>	<u>\$820,000</u>	<u>\$0</u>	<u>100%</u>

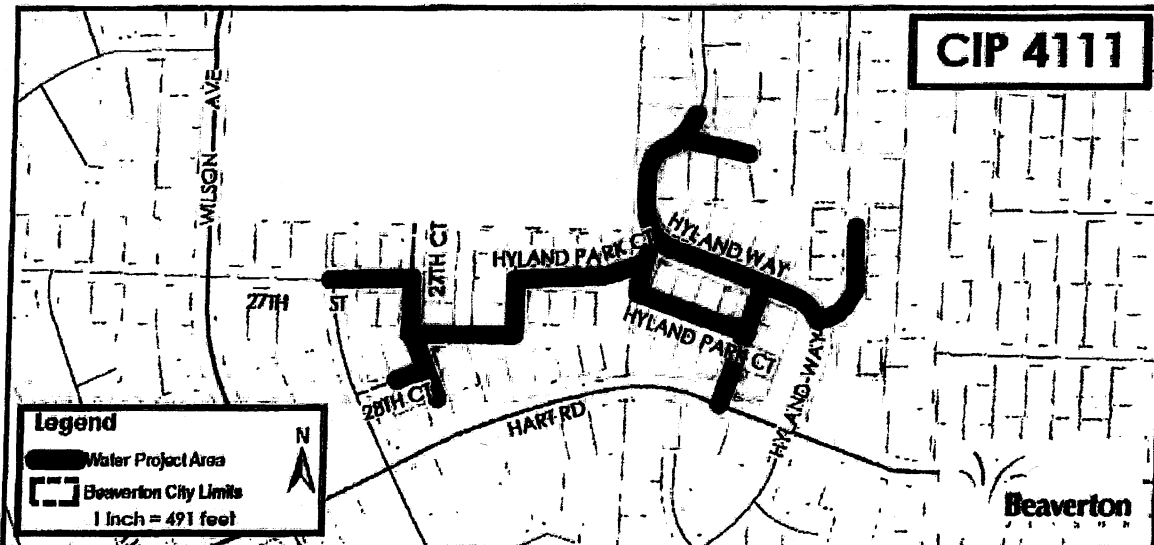
*Project Bid, to be revised once bids are received

City of Beaverton
2018-2019 CIP

Project Data

Water

Project Number: 4111
Project Name: Hyland Area Waterline Replacements
Project Description: Replacement of 3,100 feet of 2-inch, 4-inch, and 6-inch water mainline and water service lines in the Hyland Way neighborhood.
Map:



Project Justification: The existing cast iron water mainlines and their associated services are at the end of their useful life. City Forces have identified this project as a high priority. All pipes in the project area are susceptible to main breaks and must be replaced. The scope of this project increased due to the frequency of maintenance issues in the area.

Project Status: FY16-17: Begin design. FY17-18: Continue design. CIP 4112 has been combined with CIP 4111. The scope of this project increased due to the frequency of maintenance issues in the area. FY18-19: Complete design and construction.

Estimated Date of Completion: 06/30/2019 **First Year Budgeted:** FY14/15
Estimated Project Cost: \$850,000 **New Project:**

Funding Data:

<u>Project No.</u>	<u>Fund No.</u>	<u>Fund Name</u>	<u>Amount</u>	<u>FY</u>
4111	3701	Water Improvements	\$820,000	FY2018/19
Total for FY:			\$820,000	



MEMORANDUM

TO: Mayor Doyle and City Councilors

FROM: Aaron Lee, Project Manager *AL*

DATE: August 8, 2018

SUBJECT: Agenda Bill No. 18176 - SW Hyland Way Waterline Replacement Project – Bid Tabulation and Recommendation for Award of Contract

The City of Beaverton received bids for the construction of the SW Hyland Way Waterline Replacement Project from three contractors on August 7, 2018. The Bid Tabulation from the City Finance Department is attached. Bids were reviewed and staff has determined that Trench Line Excavation, Inc. of Corvallis Oregon, was the lowest responsive bidder with their bid amount of \$789,800.00. Staff recommends award of the construction contract for the SW Hyland Way Waterline Replacement Project to Trench Line Excavation, Inc. of Corvallis Oregon.

**City of Beaverton
 BID TABULATION**

SW Hyland Way Waterline Replacement Project, CIP 4111
 Solicitation #3391-19B

GENERAL

ITEM NO	SECTION	DESCRIPTION	UNIT	QTY	Trench Line Excavation, Inc. - Corvallis, OR		Oregon Underground, Inc. - Clackamas, OR		Pacific Excavation, Inc. - Eugene, OR	
					UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
A-1	210	Mobilization / De-Mobilization	LS	1	\$ 40,078.20	\$ 40,078.20	\$ 30,455.00	\$ 30,455.00	\$ 131,092.50	\$ 131,092.50
A-2	280	Erosion Control	LS	1	\$ 2,600.00	\$ 2,600.00	\$ 5,010.00	\$ 5,010.00	\$ 12,000.00	\$ 12,000.00
A-3	225	Traffic Control	LS	1	\$ 6,800.00	\$ 6,800.00	\$ 12,100.00	\$ 12,100.00	\$ 40,000.00	\$ 40,000.00
A-4	310	Sawcut	LF	17,488	\$ 1.50	\$ 26,232.00	\$ 1.65	\$ 28,855.20	\$ 2.00	\$ 34,976.00
A-5	330	Exploratory Excavation (including potholing)	CY	60	\$ 100.00	\$ 6,000.00	\$ 100.00	\$ 6,000.00	\$ 150.00	\$ 9,000.00
A-6	495	Trench Resurfacing, (4" depth), T-Cut	SY	2,024	\$ 42.00	\$ 85,008.00	\$ 47.50	\$ 96,140.00	\$ 53.00	\$ 107,272.00
A-7	705	Emulsified Asphalt Seal Coat (1 Coat)	SF	18,217	\$ 0.40	\$ 7,286.80	\$ 0.60	\$ 10,930.20	\$ 1.50	\$ 27,325.50
A-8	759	Remove & Replace Concrete Curb & Gutter	LF	42	\$ 102.00	\$ 4,284.00	\$ 70.00	\$ 2,940.00	\$ 100.00	\$ 4,200.00
A-9	759	Remove & Replace Concrete Driveway	SF	190	\$ 30.00	\$ 5,700.00	\$ 35.00	\$ 6,650.00	\$ 50.00	\$ 9,500.00
A-10	1040	Landscape Restoration	SF	86	\$ 11.00	\$ 946.00	\$ 25.00	\$ 2,150.00	\$ 150.00	\$ 12,900.00
A-11		Extra Work as Authorized	LS	1	\$ 38,000.00	\$ 38,000.00	\$ 38,000.00	\$ 38,000.00	\$ 38,000.00	\$ 38,000.00
TOTAL GENERAL:					\$	222,935.00	\$	239,230.40	\$	426,266.00

WATER

ITEM NO	SECTION	DESCRIPTION	UNIT	QTY	Trench Line Excavation, Inc. - Corvallis, OR		Oregon Underground, Inc. - Clackamas, OR		Pacific Excavation, Inc. - Eugene, OR	
					UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
B-1	1140	8" Ductile Iron Potable Water, Zinc Coated Pipe w/ Poly Wrap Encasement, Fittings & Couplings w/ Restrained Joints, Class B Backfill	LF	1,186	\$ 89.00	\$ 105,554.00	\$ 97.50	\$ 115,635.00	\$ 105.00	\$ 124,530.00
B-2	1140	6" Ductile Iron Potable Water, Zinc Coated Pipe w/ Poly Wrap Encasement, Fittings & Couplings w/ Restrained Joints, Class B Backfill	LF	1,382	\$ 80.00	\$ 110,560.00	\$ 88.50	\$ 122,307.00	\$ 92.00	\$ 127,144.00
B-3	1140	4" Ductile Iron Potable Water, Zinc Coated Pipe w/ Poly Wrap Encasement, Fittings & Couplings w/ Restrained Joints, Class B Backfill	LF	515	\$ 104.00	\$ 53,560.00	\$ 85.00	\$ 43,775.00	\$ 90.00	\$ 46,350.00
B-4	1140	2" Copper Potable Water Pipe, Class B Backfill	LF	223	\$ 62.00	\$ 13,826.00	\$ 83.00	\$ 18,509.00	\$ 70.00	\$ 15,610.00
B-5	1140	1" Copper Potable Water Pipe, Class B Backfill	LF	39	\$ 45.00	\$ 1,755.00	\$ 60.00	\$ 2,340.00	\$ 50.00	\$ 1,950.00
B-6	1140	4"x6"x4" Tee	EA	1	\$ 550.00	\$ 550.00	\$ 1,450.00	\$ 1,450.00	\$ 550.00	\$ 550.00
B-7	1140	6"x6"x4" Tee	EA	1	\$ 450.00	\$ 450.00	\$ 1,500.00	\$ 1,500.00	\$ 700.00	\$ 700.00
B-8	1140	6"x6" Tee	EA	8	\$ 300.00	\$ 2,400.00	\$ 1,250.00	\$ 10,000.00	\$ 500.00	\$ 4,000.00
B-9	1140	8"x4"x8" Tee	EA	1	\$ 360.00	\$ 360.00	\$ 1,260.00	\$ 1,260.00	\$ 1,200.00	\$ 1,200.00
B-10	1140	8"x8"x4" Tee	EA	1	\$ 700.00	\$ 700.00	\$ 1,950.00	\$ 1,950.00	\$ 500.00	\$ 500.00
B-11	1140	8"x6"x8" Tee	EA	4	\$ 360.00	\$ 1,440.00	\$ 1,960.00	\$ 7,840.00	\$ 1,200.00	\$ 4,800.00
B-12	1140	8"x8" Tee	EA	2	\$ 880.00	\$ 1,760.00	\$ 1,975.00	\$ 3,950.00	\$ 1,200.00	\$ 2,400.00
B-13	1140	4" Blowoff Assembly	EA	3	\$ 440.00	\$ 1,320.00	\$ 3,270.00	\$ 9,810.00	\$ 1,750.00	\$ 5,250.00
B-14	1140	2" Blowoff Assembly (temporary)	EA	1	\$ 850.00	\$ 850.00	\$ 2,500.00	\$ 2,500.00	\$ 1,500.00	\$ 1,500.00

B-15	1140	Chlorination Tap (temporary)	EA	1	\$ 700.00	\$ 700.00	\$ 850.00	\$ 850.00	\$ 1,250.00	\$ 1,250.00
B-16	1140	Abandoning & Removal of Existing Water Structures (Ex Valves, Hydrants)	LS	1	\$ 4,000.00	\$ 4,000.00	\$ 4,420.00	\$ 4,420.00	\$ 5,000.00	\$ 5,000.00
B-17	1140	8" Hot Tap & 8" RSGV, Connection to Ex 10" Water Main	EA	1	\$ 6,650.00	\$ 6,650.00	\$ 9,088.00	\$ 9,088.00	\$ 8,500.00	\$ 8,500.00
B-18	1140	8" Hot Tap & 8" RSGV, Connection to Ex 8" Water Main	EA	1	\$ 6,750.00	\$ 6,750.00	\$ 9,049.00	\$ 9,049.00	\$ 8,500.00	\$ 8,500.00
B-19	1140	6" Hot Tap & 6" RSGV, Connection to Ex 14" Water Main	EA	1	\$ 6,900.00	\$ 6,900.00	\$ 7,963.00	\$ 7,963.00	\$ 8,500.00	\$ 8,500.00
B-20	1140	4" Hot Tap & 4" RSGV, Connection to Ex 8" Water Main	EA	1	\$ 6,800.00	\$ 6,800.00	\$ 6,987.00	\$ 6,987.00	\$ 7,500.00	\$ 7,500.00
B-21	1140	6"x8"x6", Connection to Ex 6" Water Main	EA	1	\$ 3,900.00	\$ 3,900.00	\$ 7,550.00	\$ 7,550.00	\$ 7,500.00	\$ 7,500.00
B-22	1150	8"-RSGV	EA	1	\$ 1,400.00	\$ 1,400.00	\$ 2,420.00	\$ 2,420.00	\$ 1,500.00	\$ 1,500.00
B-23	1150	6"-RSGV	EA	2	\$ 825.00	\$ 1,650.00	\$ 1,700.00	\$ 3,400.00	\$ 1,000.00	\$ 2,000.00
B-24	1150	4"-RSGV	EA	10	\$ 550.00	\$ 5,500.00	\$ 728.00	\$ 7,280.00	\$ 1,000.00	\$ 10,000.00
B-25	1150	2"-RSGV	EA	8	\$ 360.00	\$ 2,880.00	\$ 610.00	\$ 4,880.00	\$ 500.00	\$ 4,000.00
B-26	1160	Fire Hydrant Assembly w/ 6" RSGV	EA	6	\$ 6,700.00	\$ 40,200.00	\$ 5,295.00	\$ 31,770.00	\$ 6,000.00	\$ 36,000.00
B-27	1160	Remove Existing Fire Hydrant Assembly w/ 6" RSGV	EA	5	\$ 950.00	\$ 4,750.00	\$ 950.00	\$ 4,750.00	\$ 1,500.00	\$ 7,500.00
B-28	1170	2" Copper Water Service Connection w/ Class B Backfill	EA	3	\$ 3,150.00	\$ 9,450.00	\$ 4,550.00	\$ 13,650.00	\$ 2,500.00	\$ 7,500.00
B-29	1170	1" Copper Water Service Connection w/ Class B Backfill	EA	58	\$ 1,900.00	\$ 110,200.00	\$ 2,230.00	\$ 129,340.00	\$ 1,500.00	\$ 87,000.00
B-30	1170	1" Copper Plumbing Connection to Ex 1" House Side	EA	58	\$ 875.00	\$ 50,750.00	\$ 950.00	\$ 55,100.00	\$ 500.00	\$ 29,000.00
B-31	1170	2" Copper Plumbing Connection to Ex 1" House Side	EA	3	\$ 2,100.00	\$ 6,300.00	\$ 3,500.00	\$ 10,500.00	\$ 1,500.00	\$ 4,500.00
TOTAL WATER:					\$	563,865.00	\$	651,823.00	\$	572,234.00

ELECTRICAL

ITEM NO	SECTION	DESCRIPTION	UNIT	QTY	Trench Line Excavation, Inc. - Corvallis, OR		Oregon Underground, Inc. - Clackamas, OR		Pacific Excavation, Inc. - Eugene, OR	
					UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
C-1		Relocate Existing Irrigation Control Box to Power Pole (sheet 7)	LS	1	\$ 3,000.00	\$ 3,000.00	\$ 7,500.00	\$ 7,500.00	\$ 6,000.00	\$ 6,000.00
TOTAL ELECTRICAL:					\$	3,000.00	\$	7,500.00	\$	6,000.00

GRAND TOTAL BID AMOUNT:					\$	789,800.00	\$	898,553.40	\$	1,004,500.00
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107