

CITY COUNCIL AGENDA ITEM
CITY OF SHORELINE, WASHINGTON

AGENDA TITLE:	Authorizing the City Manager to Execute a Construction Contract with Quilceda Excavation, Inc. in the Amount of \$1,005,714 for the 2022 Stormwater Pipe Repair and Small Drainage Projects
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:

The Stormwater Pipe Repair and Replacement Program (SWPRRP) is an annual program to replace failing infrastructure identified in the Surface Water Utility’s asset inventory and condition assessment (Basin Plan). The Surface Water Small Drainage Projects Program (SWS DPP) is also an annual program that resolves small public drainage issues that often start as customer service requests or issues found in the field by staff. Staff has combined the two programs’ construction phases to attract lower overall bids and for efficiency in construction management and inspection.

Between April 13 and May 3, 2022, the City solicited for contractors to construct the 2022 Stormwater Pipe Repair and Small Drainage Projects as Bid# 10151. This is a combined project that will conduct pipe repair at 17 different sites, and small drainage projects at five (5) different sites. The engineer’s estimate for the construction is \$1,167,423. Construction is anticipated to start in June 2022 with a total contract time of 140 working days. The bid from Quilceda Excavation, Inc. in the amount of \$1,005,714 was the low bid. City staff has determined that the bid from Quilceda Excavation, Inc. is responsive and that they have met the City’s requirements.

Staff is requesting that Council authorize the City Manager to execute a contract with Quilceda Excavation, Inc. for construction of the 2022 Stormwater Pipe Repair and Small Drainage Projects in the amount of \$1,005,714.

RESOURCE/FINANCIAL IMPACT:

This project is fully funded by City’s Surface Water Utility fund. Below is a breakdown of the budget for the 2022 Stormwater Pipe Repair and Small Drainage Projects:

Project Expenditures:

Construction:

Staff and other Direct Expenses	\$ 90,000
2022 Construction	\$ 1,005,714
Contingency (10%)	\$ 110,000
Construction Subtotal	\$ 1,205,714

Total Project Expenditures **\$ 1,205,714**

Project Revenue:

Surface Water Capital Fund

SW Small Drainage Projects	\$ 651,767
SW Stormwater Pipe Repair and Replacement	\$ 553,947
Total Project Revenue	\$ 1,205,714

RECOMMENDATION

Staff recommends that Council authorize the City Manager to execute a construction contract with Quilceda Excavation, Inc., in the amount of \$1,005,714 for the 2022 Stormwater Pipe Repair and Small Drainage Projects.

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

BACKGROUND

The Stormwater Pipe Repair and Replacement Program (SWPRRP) is an annual program to replace failing infrastructure identified in the Surface Water Utility's asset inventory and condition assessment (Basin Plan). The Surface Water Small Drainage Projects Program (SWSDPP) is also an annual program that resolves small public drainage issues that often start as customer service requests or issues found in the field by staff. Staff has combined the two programs' construction phases to attract lower overall bids and for efficiency in construction management and inspection.

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 efforts include a detailed review of each pipe's inspection results and other characteristics and take into account both the structural condition of the pipe (risk of failure) and pipe criticality (potential consequences of failure).

The Project will repair stormwater pipe at 17 sites and complete small projects at five (5) sites throughout the City. A vicinity map showing the site locations of these projects can be found in Attachment A.

DISCUSSION

The selected repair method for the Project is open-cut pipe repair. The majority of these sites are located within the northwestern area of the City, a result of the high number of pipes in poor condition identified in completed basin plans for those drainage areas.

This Project will also address small-scale surface water related issues at five (5) project sites distributed throughout the City. City stormwater system assets installed as part of these projects will include stormwater pipe, catch basins, infiltration facilities, and asphalt berms. Small projects are tracked by associated City Work Order (WO) numbers if applicable.

Project Bid Process – Bid# 10151

Between April 13 and May 3, 2022, the City solicited for contractors to construct the Project under Bid# 10151 as noted above. Bids were opened on May 3, 2022, and three (3) bids were received. Quilceda Excavation, Inc. was the low bidder with a bid of \$1,005,714. The other bid proposals were \$1,440,775; and \$1,576,794.

City staff determined that the bid from Quilceda Excavation, Inc. 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.

The engineer's estimate for construction of the Project was \$1,167,423. Construction is anticipated to start in June 2022 with a contract time of 140 working days.

The alternative of not awarding the contract is not recommended and would result in the delay or cancellation of the project. If this were to occur stormwater infrastructure would not be repaired and could cause damage to private or public property.

COUNCIL GOAL(S) ADDRESSED

This project addresses Council Goal #2: Continue to deliver highly valued public services through management of the City’s infrastructure and stewardship of the natural environment. This project will meet this goal by repairing and replacing failing stormwater pipes.

RESOURCE/FINANCIAL IMPACT

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Project Expenditures:

Construction:	
Staff and other Direct Expenses	\$ 90,000
<i>2022 Construction</i>	<i>\$ 1,005,714</i>
Contingency (10%)	\$ 110,000
Construction Subtotal	\$ 1,205,714
Total Project Expenditures	\$ 1,205,714

Project Revenue:

Surface Water Capital Fund	
SW Small Drainage Projects	\$ 651,767
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Total Project Revenue	\$ 1,205,714

RECOMMENDATION

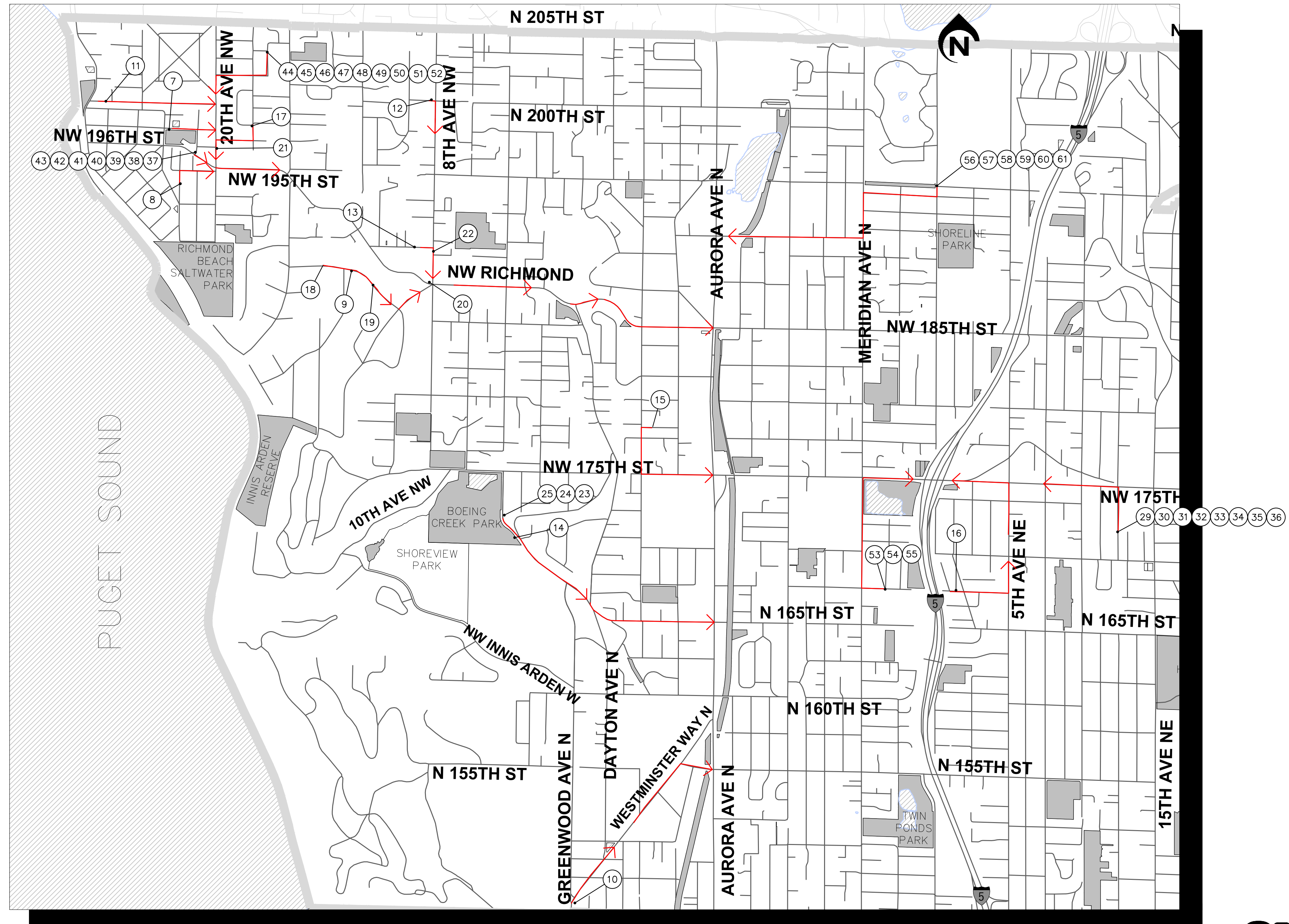
Staff recommends that Council authorize the City Manager to execute a construction contract with Quilceda Excavation, Inc., in the amount of \$1,005,714 for the 2022 Stormwater Pipe Repair and Small Drainage Projects.

ATTACHMENT

Attachment A: Project Vicinity Map

ATTACHMENT A

SHEET INDEX		
DRAWING	SHEET #	SHEET TITLE
G01	1	COVER SHEET
G02	2	SHEET INDEX
G03	3	GENERAL NOTES
G04	4	GENERAL NOTES
G05	5	TRAFFIC CONTROL NOTES
G06	6	TRAFFIC CONTROL NOTES
OPEN-CUT REPAIRS (BID SCHEDULE A)		
OC01	7	2148 NW 197TH ST
OC02	8	19336 22ND AVE NW
OC03	9	18790 RIDGEFIELD RD NW
OC04	10	14500 GREENWOOD AVE N STE B
OC05	11	26TH AVE NW AND NW 199TH ST
OC06	12	NW 200TH ST AND 8TH AVE NW
OC07	13	816 NW 190TH ST
OC08	14	2ND AVE NW & NW 171ST ST
OC09	15	714 N 179TH ST
OC10	16	2ND AVE NE AND NE 167TH ST
OC11	17	NW 198TH ST AND 18TH AVE NW
OC12	18	1326 NW 188TH ST
OC13	19	18742 RIDGEFIELD RD NW
OC14	20	NW RICHMOND BEACH RD AND 8TH AVE NW
OC15	21	20TH AVE NW AND NW 196TH PL
OC16	22	8TH AVE NW AND NW 190TH ST
OC17	23	17128 3RD AVE NW
OC18	24	17128 3RD AVE NW
OC19	25	17128 3RD AVE NW
OC20	26	NOT USED
OC20	27	NOT USED
SMALL DRAINAGE PROJECTS (BID SCHEDULE B, C, AND D)		
G07	28	TRAFFIC CONTROL NOTES
12TH AVE (BID SCHEDULE B)		
X01	29	WO2256 - EXISTING CONDITIONS 1
X02	30	WO2256 - EXISTING CONDITIONS 2
SP01	31	WO2256 - TESC AND SITE PREP 1
SP02	32	WO2256 - TESC AND SITE PREP 2
C01	33	WO2256 - PLAN AND PROFILE 1
C02	34	WO2256 - PLAN AND PROFILE 2
LS01	35	WO2256 - PLANTING PLAN 1
LS02	36	WO2256 - PLANTING PLAN 2
RICHMOND BEACH LIBRARY (BID SCHEDULE C)		
X03	37	WO1644 - EXISTING CONDITIONS 1
X04	38	WO1644 - EXISTING CONDITIONS 2
SP03	39	WO1644 - TESC AND SITE PREP 1
SP04	40	WO1644 - TESC AND SITE PREP 2
C03	41	WO1644 - PLAN AND PROFILE 1
C04	42	WO1644 - PLAN AND PROFILE 2
LS03	43	WO1644 - PLANTING PLAN
18TH AVE (BID SCHEDULE B)		
X05	44	WO7079 - EXISTING CONDITIONS 1
X06	45	WO7079 - EXISTING CONDITIONS 2
X07	46	WO7079 - EXISTING CONDITIONS 3
SP05	47	WO7079 - TESC AND SITE PREP 1
SP06	48	WO7079 - TESC AND SITE PREP 2
SP07	49	WO7079 - TESC AND SITE PREP 3
C05	50	WO7079 - PLAN AND PROFILE 1
C06	51	WO7079 - PLAN AND PROFILE 2
C07	52	WO7079 - PLAN AND PROFILE 3
THORTON CREEK AT CORLISS PLACE N (BID SCHEDULE B)		
X08	53	WO13765 - EXISTING CONDITIONS
SP08	54	WO13765 - TESC AND SITE PREP
C08	55	WO13765 - PLAN AND PROFILE
1ST AVE NW AND N 195TH ST (BID SCHEDULE D)		
X09	56	WO6810 - EXISTING CONDITIONS 1
X10	57	WO6810 - EXISTING CONDITIONS 2
SP09	58	WO6810 - TESC AND SITE PREP 1
SP10	59	WO6810 - TESC AND SITE PREP 2
C09	60	WO6810 - PLAN AND PROFILE 1
C10	61	WO6810 - PLAN AND PROFILE 2
C11	62	DRAINAGE DETAILS - 1
C12	63	DRAINAGE DETAILS - 2



VICINITY MAP SHORELINE, WA ## SHEET NUMBER → HAUL ROUTE NTS



Know what's below
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04/06/2022 12:43pm P:\10-200011 City of Shoreline_2021-22 Storm Projects\3 CAD\Drawings\10-200011_COVER_OPEN_CUT.dwg

MARK	REVISION DESCRIPTION	BY	APP.	DATE



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DRAWN BY JR
DESIGN BY MW
CHECK BY RP
PROJ MGR CC

CITY OF SHORELINE
2022 STORMWATER PIPE REPAIR AND SMALL DRAINAGE PROJECTS

SHEET INDEX

DRAWING NO. G02
PROJECT NO. 9586
FED AID NO. _____
DATE: 04/11/2022
SHEET NO. 2 OF 63