



INFORMATIONAL MEMORANDUM

TO: Transportation and Infrastructure Committee
FROM: Henry Hash, Public Works Director
BY: Ryan Larson, Senior Program Manager
CC: Mayor Ekberg
DATE: October 4, 2019
SUBJECT: Surface Water Fund - 2019 Annual Small Drainage Program
Project No. 91941201
Bid Award

ISSUE

Award a contract to KC Equipment LLC for construction of the 2019 Annual Small Drainage Program.

BACKGROUND

The Small Drainage Program constructs drainage projects throughout the City that are too large for City staff to complete but are smaller than a typical capital improvement project. The projects originate from citizen complaints and maintenance staff recommendations and are compiled on the Small Drainage Project List. Each year the projects are prioritized based on need, expense, permitting requirements, and length of time on the list. The highest priority projects are then designed and constructed. The 2019 Annual Small Drainage Program was advertised to provide drainage improvements at up to seven locations as noted in the attached vicinity map.

DISCUSSION

The 2019 Annual Small Drainage Program was advertised for bids on August 20 and 27, 2019. Three bids were received and opened on September 10, 2019. The bids were checked, tabulated, and no errors were found. KC Equipment LLC is the apparent low bidder with an overall bid of \$434,267.50. The engineer's estimate was \$493,662.00.

BUDGET AND BID SUMMARY (All amounts include sales tax)

Table with 4 columns: Bid Results, Estimate, 2019 Budget, and Bid Amount (Schedule A & B). Rows include Contingency (10%), Total, and Bid Amount.

RECOMMENDATION

Council is being asked to award the construction contract for the 2019 Annual Small Drainage Program to KC Equipment LLC in the amount of \$434,267.50 and consider this item on the Consent Agenda at the October 21, 2019 Regular Meeting.

Attachments: 2019 CIP, page 88
Project Vicinity Map
KPG Project Award Recommendation Letter 091019
Bid Tabulation

## CITY OF TUKWILA CAPITAL PROJECT SUMMARY

2019 to 2024

**PROJECT:** Annual Small Drainage Program

Project No. 9XX41201

**DESCRIPTION:** Select, design, and construct small drainage projects throughout the City.

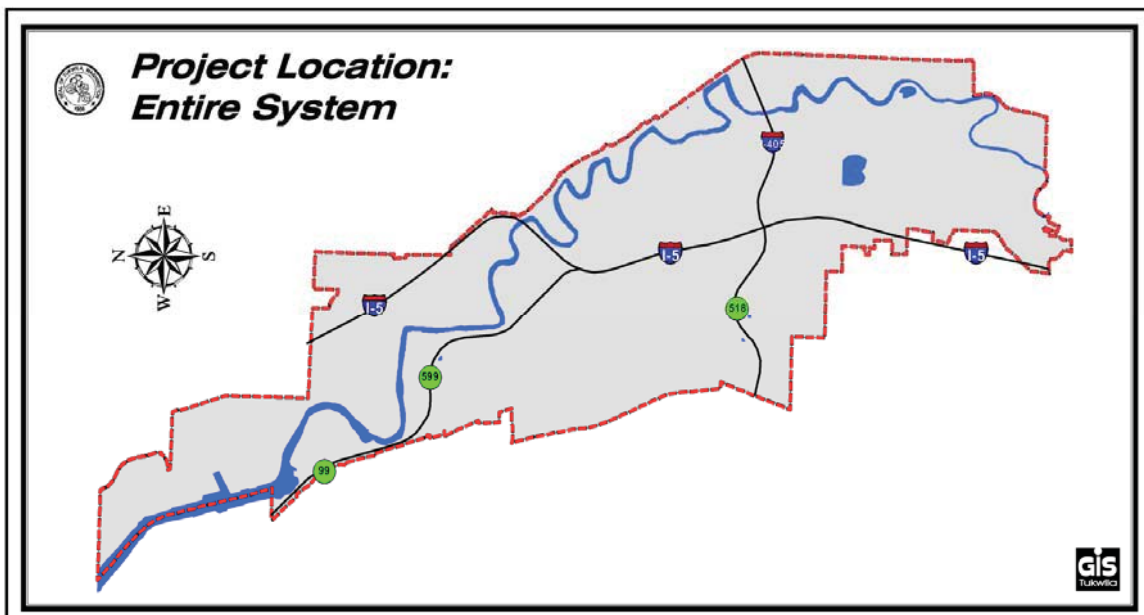
**JUSTIFICATION:** Provide drainage corrections for existing/ongoing drainage problems throughout the City, including culvert replacements, drain extensions, and pavement upgrades.

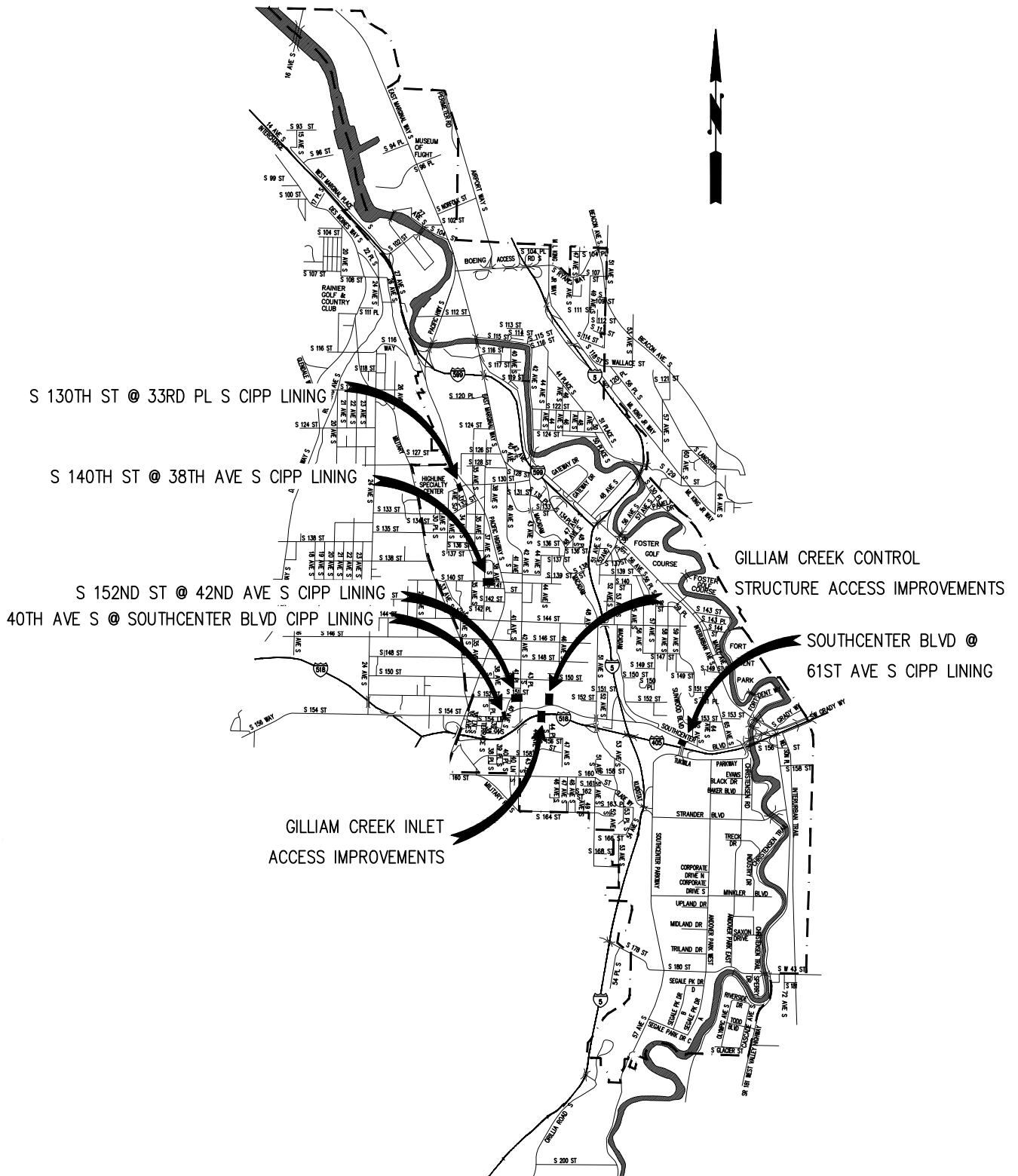
**STATUS:** Projects for this annual program are taken from Small Drainage Project List.

**MAINT. IMPACT:** Reduces maintenance.

**COMMENT:** Ongoing project, only one year shown in first column. Construction expenses may occur over two calendar years.

FINANCIAL (in \$000's)	Through 2017	Estimated 2018	2019	2020	2021	2022	2023	2024	BEYOND	TOTAL
<b>EXPENSES</b>										
Design	50	80	80	80	80	80	80	80	80	690
Streamgages/Monitor	31	35	35	35	36	36	36	36	40	320
Const. Mgmt.	90	45	80	80	80	80	80	80	80	695
Construction	448	600	515	515	514	513	514	514	513	4,646
<b>TOTAL EXPENSES</b>	<b>619</b>	<b>760</b>	<b>710</b>	<b>710</b>	<b>710</b>	<b>709</b>	<b>710</b>	<b>710</b>	<b>713</b>	<b>6,351</b>
<b>FUND SOURCES</b>										
Awarded Grant										0
Proposed Grant		65								65
Mitigation Actual										0
Mitigation Expected										0
Utility Revenue	619	695	710	710	710	709	710	710	713	6,286
<b>TOTAL SOURCES</b>	<b>619</b>	<b>760</b>	<b>710</b>	<b>710</b>	<b>710</b>	<b>709</b>	<b>710</b>	<b>710</b>	<b>713</b>	<b>6,351</b>





Project Location Map

September 10, 2019

City of Tukwila  
6200 Southcenter Boulevard  
Tukwila, WA 98188

**Attention:** Felipe Ayala  
**Reference:** City of Tukwila  
2019 Small Drainage Program  
Contract No. #91941201  
**Subject:** **Project Award Recommendation**

Mr. Ayala,

As requested, KPG has completed the verification for KC Equipment Company, LLC for the 2019 Small Drainage Program.

We have checked the status of KC Equipment Company, LLC on the Washington State Labor and Industries web page to confirm they are currently insured, bonded, and licensed. Additionally, no strikes or debarment records arose federally or statewide regarding KC Equipment Company, LLC. There were four subcontractors listed on their bid form to confirm.

We phoned the references listed in KC Equipment Company, LLC's bid and were able to speak with 2: Paul Garrett, Syed Kazmi, and Eugene Pike.

Paul Garrett is with KBA who provided construction management services for the City of Bonney Lake and the Seattle Department of Transportation on several of KC Equipment's project. He had positive comments about KC Equipment and stated the contractor did good work.

Eugene Pike provided construction management services on six different entities: the Seattle Department of Transportation, the Port of Seattle, Seattle City Light, Soos Creek Water & Sewer District, the City of Renton, and the City of Des Moines. Mr. Pike was enthusiastic about KC Equipment's work ethic and felt they were a great contractor to work with.

It is KPG's recommendation that the 2019 Small Drainage Program project be awarded to KC Equipment Company, LLC.

We have enclosed the contractor verification package and reference checks for your review.

Respectfully,



Ariana Vallejos  
Assistant Resident Engineer  
KPG, Inc.

CC: Andy Youn, City of Tukwila      Kelly Clark, KPG  
Mike Ronda, City of Tukwila

CITY OF TUKWILA - DEPARTMENT OF PUBLIC WORKS  
 2019 Small Drainage Program  
**BID TABS**

09/10/19		Total		Engineer's Estimate		LOW BIDDER		2nd Low Bidder		3rd Low Bidder		
No.	Section No.	Item	Quantity	Unit	Unit Cost	Total Cost	Unit Cost	Total Cost	Unit Cost	Total Cost	Unit Cost	Total Cost
<b>ROADWAY (SCHEDULE A)</b>												
1	1-04	Unexpected Site Changes	1	FA	\$6,000.00	\$ 6,000	\$6,000.00	\$ 6,000	\$6,000.00	\$ 6,000	\$6,000.00	\$ 6,000
2	1-09	Mobilization	1	LS	\$35,000.00	\$ 35,000	\$20,000.00	\$ 20,000	\$25,000.00	\$ 25,000	\$21,000.00	\$ 21,000
3	1-10	Project Temporary Traffic Control	1	LS	\$50,000.00	\$ 50,000	\$20,000.00	\$ 20,000	\$120,000.00	\$ 120,000	\$54,000.00	\$ 54,000
4	4-04	Cit-Duty Uniformed Police Officer	20	HR	\$125.00	\$ 2,500	\$125.00	\$ 2,500	\$200.00	\$ 4,000	\$125.00	\$ 2,500
5	8-01	Temporary Water Pollution / Erosion Control	1	LS	\$20,000.00	\$ 20,000	\$5,000.00	\$ 5,000	\$15,000.00	\$ 15,000	\$5,000.00	\$ 5,000
6	8-04	Cement Conc. Traffic Curb and Gutter	55	LF	\$200.00	\$ 11,000	\$35.00	\$ 1,925	\$20.00	\$ 1,100	\$85.00	\$ 4,675
7	8-14	Cement Conc. Sidewalk and Curb Ramp	1	EA	\$5,000.00	\$ 5,000	\$3,500.00	\$ 3,500	\$5,000.00	\$ 5,000	\$4,000.00	\$ 4,000
<b>ROADSIDE DEVELOPMENT (SCHEDULE A)</b>												
8	8-02	Property Restoration	1	FA	\$3,000.00	\$ 3,000	\$3,000.00	\$ 3,000	\$3,000.00	\$ 3,000	\$3,000.00	\$ 3,000
<b>STORM DRAINAGE (SCHEDULE A)</b>												
9	7-04	Pipe Repair	2	EA	\$5,000.00	\$ 10,000	\$10,000.00	\$ 20,000	\$5,000.00	\$ 10,000	\$3,000.00	\$ 6,000
10	7-08	Rehabilitate 8" CMP Pipe, 40th Ave S	50	LF	\$100.00	\$ 5,000	\$80.00	\$ 4,000	\$81.76	\$ 4,088	\$215.00	\$ 10,750
11	7-08	Rehabilitate 12" Cement Conc. Pipe, S 130th St	130	LF	\$125.00	\$ 16,250	\$250.00	\$ 32,500	\$81.76	\$ 10,629	\$110.00	\$ 14,300
12	7-08	Rehabilitate 12" Cement Conc./CMP Pipe, S 140th St	296	LF	\$130.00	\$ 38,480	\$250.00	\$ 74,000	\$81.76	\$ 24,201	\$70.00	\$ 20,720
13	7-08	Rehabilitate 12" Cement Conc./CMP Pipe, S 152nd St	172	LF	\$130.00	\$ 22,360	\$250.00	\$ 43,000	\$81.76	\$ 14,063	\$100.00	\$ 17,200
14	7-08	Rehabilitate 18" Cement Conc./CMP Pipe, 61st Ave S	110	LF	\$150.00	\$ 16,500	\$250.00	\$ 27,500	\$203.96	\$ 22,436	\$180.00	\$ 19,800
15	7-20	Temporary Stormwater Bypass System	1	LS	\$33,000.00	\$ 33,000	\$10,000.00	\$ 10,000	\$25,000.00	\$ 25,000	\$28,400.00	\$ 28,400
						<b>\$ 274,190.00</b>		<b>\$ 272,925.00</b>		<b>\$ 289,516.08</b>		<b>\$ 217,345.00</b>
<b>ROADWAY (SCHEDULE B)</b>												
16	1-04	Unexpected Site Changes	1	FA	\$6,000.00	\$ 6,000	\$6,000.00	\$ 6,000	\$6,000.00	\$ 6,000	\$6,000.00	\$ 6,000
17	1-09	Mobilization	1	LS	\$10,000.00	\$ 10,000	\$10,000.00	\$ 10,000	\$10,000.00	\$ 10,000	\$26,500.00	\$ 26,500
18	1-10	Project Temporary Traffic Control	1	LS	\$12,500.00	\$ 12,500	\$20,000.00	\$ 20,000	\$10,000.00	\$ 10,000	\$20,000.00	\$ 20,000
19	2-01	Clearing and Grubbing	1	LS	\$5,000.00	\$ 5,000	\$5,000.00	\$ 5,000	\$10,000.00	\$ 10,000	\$10,000.00	\$ 10,000
20	2-09	Structure Excavation Class B Incl. Haul	80	CY	\$40.00	\$ 3,200	\$75.00	\$ 6,000	\$100.00	\$ 8,000	\$80.00	\$ 6,400
21	4-04	Crushed Surfacing Base Course	26	TN	\$40.00	\$ 1,040	\$75.00	\$ 1,950	\$100.00	\$ 2,600	\$85.00	\$ 2,210
22	4-04	Trail Surface Aggregate	3	TN	\$110.00	\$ 330	\$125.00	\$ 375	\$150.00	\$ 450	\$350.00	\$ 1,050
23	6-04	Timber Stairs	1	LS	\$30,000.00	\$ 30,000	\$20,000.00	\$ 20,000	\$20,000.00	\$ 20,000	\$73,700.00	\$ 73,700
24	6-20	Metal Stair Structure	1	LS	\$95,000.00	\$ 95,000	\$50,000.00	\$ 50,000	\$45,000.00	\$ 45,000	\$93,250.00	\$ 93,250
25	8-01	Temporary Water Pollution / Erosion Control	1	LS	\$18,000.00	\$ 18,000	\$2,500.00	\$ 2,500	\$5,000.00	\$ 5,000	\$2,450.00	\$ 2,450
26	8-15	Quarry Spalls & Hand Placed Rip Rap	20	CY	\$100.00	\$ 2,000	\$200.00	\$ 4,000	\$100.00	\$ 2,000	\$275.00	\$ 5,500
27	8-24	Rock Wall	160	SF	\$50.00	\$ 8,000	\$75.00	\$ 12,000	\$25.00	\$ 4,000	\$95.25	\$ 15,240
<b>ROADSIDE DEVELOPMENT (SCHEDULE B)</b>												
28	8-02	Topsoil Type A	8	CY	\$60.00	\$ 480	\$200.00	\$ 1,600	\$100.00	\$ 800	\$96.00	\$ 768
29	8-02	PSIPE Acer-Circinatum/Vine Maple; 1 Gal Cont.	12	EA	\$85.00	\$ 1,020	\$25.00	\$ 300	\$100.00	\$ 1,200	\$32.00	\$ 384
30	8-02	PSIPE Mahonia Aquifolium/Oregon Grape; 1 Gal Cont.	26	EA	\$25.00	\$ 650	\$25.00	\$ 650	\$100.00	\$ 2,600	\$32.00	\$ 832
31	8-02	PSIPE Rubus Parviflorus/Thimbleberry; 1 Gal Cont.	26	EA	\$25.00	\$ 650	\$25.00	\$ 650	\$100.00	\$ 2,600	\$32.00	\$ 832
32	8-02	PSIPE Symphoricarpos Albus/Snowberry; 1 Gal Cont.	26	EA	\$25.00	\$ 650	\$25.00	\$ 650	\$100.00	\$ 2,600	\$32.00	\$ 832
33	8-02	Property Restoration	1	FA	\$5,000.00	\$ 5,000	\$5,000.00	\$ 5,000	\$5,000.00	\$ 5,000	\$5,000.00	\$ 5,000
						<b>\$ 199,520.00</b>		<b>\$ 146,675.00</b>		<b>\$ 137,850.00</b>		<b>\$ 270,948</b>
						<b>\$ 19,952.00</b>		<b>\$ 14,667.50</b>		<b>\$ 13,785.00</b>		<b>\$ 27,094.80</b>
						<b>\$ 219,472.00</b>		<b>\$ 161,342.50</b>		<b>\$ 151,635.00</b>		<b>\$ 298,042.80</b>
						<b>\$ 493,662.00</b>		<b>\$ 434,267.50</b>		<b>\$ 441,151.08</b>		<b>\$ 515,387.80</b>