



## INFORMATIONAL MEMORANDUM

TO: **Transportation and Infrastructure Services Committee**  
 FROM: **Hari Ponnekanti, Public Works Director/ City Engineer**  
 BY: **Joshua Hopkins, Surface Water Project Manager**  
 CC: **Mayor Allan Ekberg**  
 DATE: **June 3, 2022**  
 SUBJECT: **Surface Water Fund - 2022 Annual Small Drainage Program**  
**Project No. 80041201**  
**Construction Bid Award**

### **ISSUE**

Award a contract to Titan Earthwork, LLC for construction of the 2022 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 2022 Annual Small Drainage Program was advertised to provide drainage improvements at two locations as noted in the attached vicinity map.

### **DISCUSSION**

The 2022 Annual Small Drainage Program was advertised for bids on May 10 and May 17, 2022. Seven bids were received and opened on May 24, 2022. The bids were checked, tabulated, and no errors were found. Titan Earthwork, LLC is the apparent low bidder with an overall bid of \$547,980.00. The engineer’s estimate was \$556,440.00. Titan Earthwork, LLC has contracted with the City on previous projects and done satisfactory work.

### **BUDGET AND BID SUMMARY (All amounts include sales tax)**

The project construction budget of \$700,000 is sufficient to cover the costs for the contract with contingency. The project is funded through the Surface Water Enterprise Fund.

	<b><u>Bid Results</u></b>	<b><u>Engineer’s Estimate</u></b>	<b><u>2022 Budget</u></b>
Contract	\$ 547,980.00	\$ 566,440.00	\$ 700,000.00
Contingency (10%)	<u>54,798.00</u>		
<b>Total</b>	<b>\$ 602,778.00</b>		

### **RECOMMENDATION**

Council is being asked to award the construction contract for the 2022 Annual Small Drainage Program to Titan Earthwork, LLC in the amount of \$602,778.00 and consider this item on the Consent Agenda at the June 13, 2022, Special Council Meeting.

**ATTACHMENTS:** 2021 CIP, page 78  
 Vicinity Map  
 Bid Tabulation Certification  
 Recommendation of Award Letter

## CITY OF TUKWILA CAPITAL PROJECT SUMMARY

2021 to 2026

**PROJECT:** Annual Small Drainage Program

Project No. 9xx41201  
81241207

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

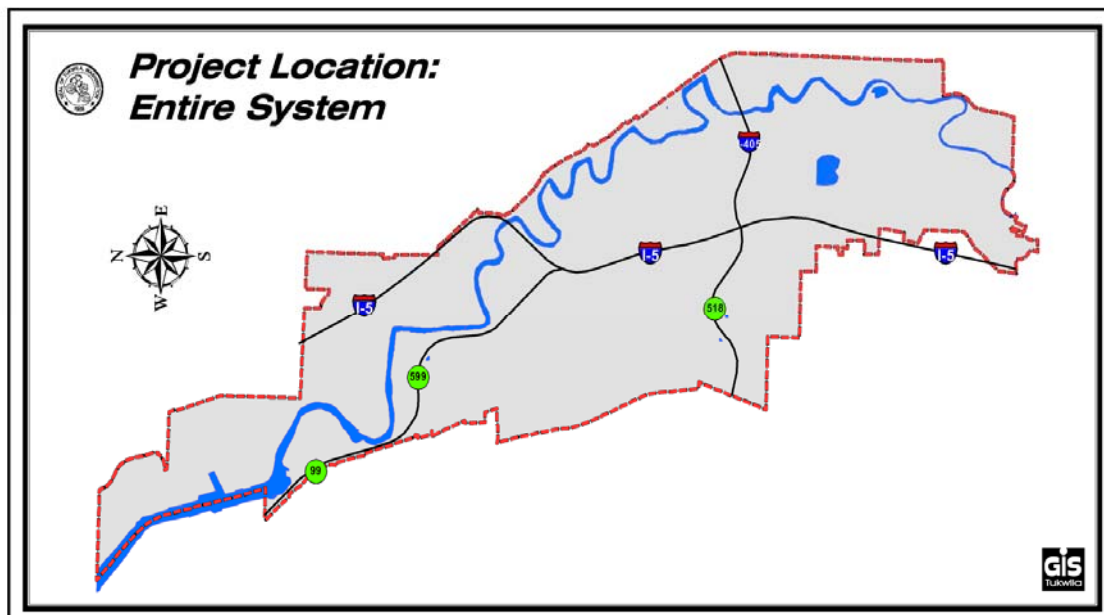
**JUSTIFICATION:** Provide drainage corrections for existing/ongoing drainage problems throughout the City, including culvert replacements, drain extensions, and pavement upgrades.

**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 Estimated		2021	2022	2023	2024	2025	2026	BEYOND	TOTAL
	2019	2020								
<b>EXPENSES</b>										
Design	74	92	100	100	100	100	110	110	80	866
Const. Mgmt.	40	68	100	100	100	100	110	110	80	808
Construction	108	515	700	700	700	700	750	750	513	5,436
<b>TOTAL EXPENSES</b>	<b>222</b>	<b>675</b>	<b>900</b>	<b>900</b>	<b>900</b>	<b>900</b>	<b>970</b>	<b>970</b>	<b>673</b>	<b>7,110</b>
<b>FUND SOURCES</b>										
Awarded Grant										0
Proposed Grant	65									65
Mitigation Actual										0
Mitigation Expected										0
Utility Revenue	157	675	900	900	900	900	970	970	673	7,045
<b>TOTAL SOURCES</b>	<b>222</b>	<b>675</b>	<b>900</b>	<b>900</b>	<b>900</b>	<b>900</b>	<b>970</b>	<b>970</b>	<b>673</b>	<b>7,110</b>



# 2022 SMALL DRAINAGE PROGRAM

## PROJECT NO. 80041201

### MAYOR

ALLAN EKBERG

### DIRECTOR OF PUBLIC WORKS/ CITY ENGINEER

HARI PONNEKANTI, P.E.

### CITY COUNCIL

THOMAS McLEOD, PRESIDENT

KATHY HOUGARDY

DE'SEAN QUINN

KATE KRULLER

CYNTHIA DELOSTRINOS JOHNSON

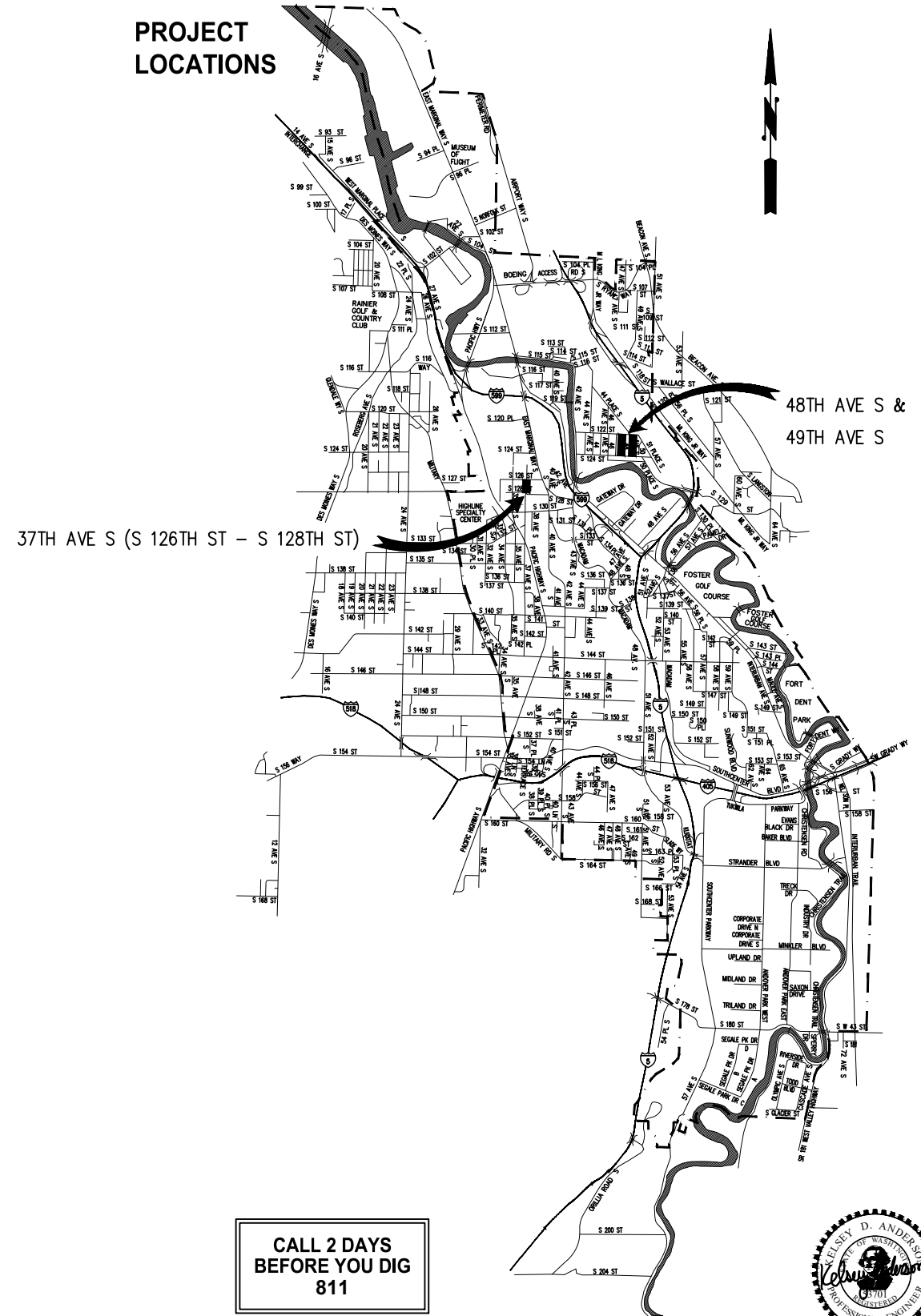
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MOHAMED ABDI

### SCHEDULE OF DRAWINGS

SHEET NO.	TITLE
1	COVER
2	LEGEND & ABBREVIATIONS
3-4	DETAILS
5	48TH AVE S STA 20+00 – STA 24+00 – STORMWATER PLAN AND PROFILES
6	48TH AVE S STA 24+00 – STA 27+15 – STORMWATER PLAN AND PROFILES
7	49TH AVE S STA 30+00 – STA 34+00 – STORMWATER PLAN AND PROFILES
8	49TH AVE S STA 34+00 – STA 37+15 – STORMWATER PLAN AND PROFILES
9	37TH AVE S STA 10+00 – STA 14+50 – STORMWATER PLAN AND PROFILES

### PROJECT LOCATIONS



**CITY OF TUKWILA**

K:\PROJECTS\TUKWILA\22003-2022 Tukwila Small Drainage Program\DESIGN\Drawings\Contract\22003COV.dwg 5/5/2022 2:05 PM



**PUBLIC WORKS DEPT.**

\*ENGINEERING\*STREETS\*WATER\*SEWER\*BUILDING\*

	by	date
designed	JF	05/22
drawn	JF	05/22
checked	KDA	05/22
proj eng		
proj dir		
field bk no		



**Seattle**  
3131 Elliott Avenue, Suite 400  
Seattle, WA 98121 206.286.1640  
Tacoma | Wenatchee | KPG.com

**BID DOCUMENTS**

**2022 SMALL DRAINAGE PROGRAM**

COVER

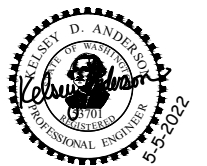
no	date	revisions

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file no 22003COV.DWG

scale

05/05/2022



2022 Annual Small Drainage Project 99830105  
 Certified Bid Tab

No.	Item	Unit	Qty	Engineer's Estimate		Titan Earthwork, LLC		B&B Utilities		Rodarte Construction, Inc.		HCON Incorporated		Northwest Cascade, Inc.		R.W. Scott Construction Co.		Harkness Construction, LLC	
				Unit Cost	Total Cost	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
<b>Roadway</b>																			
1	Minor Changes	EST	1	\$12,000.00	\$12,000.00	\$12,000.00	\$12,000.00	\$12,000.00	\$12,000.00	\$12,000.00	\$12,000.00	\$12,000.00	\$12,000.00	\$12,000.00	\$12,000.00	\$12,000.00	\$12,000.00	\$12,000.00	\$12,000.00
2	Record Drawings (Minimum Bid \$1,500)	LS	1	\$1,500.00	\$1,500.00	\$1,500.00	\$1,500.00	\$7,500.00	\$7,500.00	\$1,500.00	\$1,500.00	\$1,500.00	\$1,500.00	\$1,500.00	\$1,500.00	\$10,000.00	\$10,000.00	\$1,500.00	\$1,500.00
3	Mobilization	LS	1	\$65,000.00	\$65,000.00	\$54,000.00	\$54,000.00	\$52,500.00	\$52,500.00	\$52,000.00	\$52,000.00	\$53,000.00	\$53,000.00	\$63,330.50	\$63,330.50	\$70,000.00	\$70,000.00	\$72,000.00	\$72,000.00
4	Project Temporary Traffic Control	LS	1	\$65,000.00	\$65,000.00	\$32,600.00	\$32,600.00	\$25,000.00	\$25,000.00	\$40,000.00	\$40,000.00	\$52,500.00	\$52,500.00	\$64,500.00	\$64,500.00	\$60,000.00	\$60,000.00	\$10,000.00	\$10,000.00
5	Clearing and Grubing	LS	1	\$15,000.00	\$15,000.00	\$9,500.00	\$9,500.00	\$24,500.00	\$24,500.00	\$4,000.00	\$4,000.00	\$10,700.00	\$10,700.00	\$22,779.00	\$22,779.00	\$5,000.00	\$5,000.00	\$15,000.00	\$15,000.00
6	Removal of Structure and Obstruction	LS	1	\$5,000.00	\$5,000.00	\$2,500.00	\$2,500.00	\$25,000.00	\$25,000.00	\$5,000.00	\$5,000.00	\$35,500.00	\$35,500.00	\$26,050.00	\$26,050.00	\$4,200.00	\$4,200.00	\$11,500.00	\$11,500.00
7	Pavement Removal Incl. Haul	CY	150	\$50.00	\$7,500.00	\$165.00	\$24,750.00	\$25.00	\$3,750.00	\$90.00	\$13,500.00	\$150.00	\$22,500.00	\$97.00	\$14,550.00	\$65.00	\$9,750.00	\$90.00	\$13,500.00
8	Unsuitable Foundation Excavation Incl. Haul	CY	18	\$75.00	\$1,350.00	\$50.00	\$900.00	\$50.00	\$900.00	\$100.00	\$1,800.00	\$100.00	\$1,800.00	\$54.00	\$972.00	\$80.00	\$1,440.00	\$120.00	\$2,160.00
9	Shoring or Extra Excavation Cl. B	SF	450	\$8.00	\$3,600.00	\$1.00	\$450.00	\$1.00	\$450.00	\$2.50	\$1,125.00	\$1.00	\$450.00	\$4.00	\$1,800.00	\$4.00	\$1,800.00	\$25.00	\$11,250.00
10	Crushed Surfacing Top Course	TN	830	\$40.00	\$33,200.00	\$60.00	\$49,800.00	\$18.00	\$14,940.00	\$60.00	\$49,800.00	\$25.00	\$20,750.00	\$65.00	\$53,950.00	\$60.00	\$49,800.00	\$90.00	\$74,700.00
11	HMA Cl. 3/8" PG 58H-22	TN	160	\$160.00	\$25,600.00	\$330.00	\$52,800.00	\$200.00	\$32,000.00	\$300.00	\$48,000.00	\$250.00	\$40,000.00	\$352.00	\$56,320.00	\$300.00	\$48,000.00	\$200.00	\$32,000.00
12	HMA Berm	LF	290	\$25.00	\$7,250.00	\$3.50	\$1,015.00	\$34.00	\$9,860.00	\$12.00	\$3,480.00	\$25.00	\$7,250.00	\$12.25	\$3,552.50	\$12.00	\$3,480.00	\$20.00	\$5,800.00
13	Adjust Hydrant Assembly	EA	2	\$1,200.00	\$2,400.00	\$3,000.00	\$6,000.00	\$4,000.00	\$8,000.00	\$1,600.00	\$3,200.00	\$3,500.00	\$7,000.00	\$2,530.00	\$5,060.00	\$4,200.00	\$8,400.00	\$1,000.00	\$2,000.00
14	Adjust Water Service	EA	25	\$700.00	\$17,500.00	\$500.00	\$12,500.00	\$1,000.00	\$25,000.00	\$700.00	\$17,500.00	\$1,200.00	\$30,000.00	\$385.00	\$9,625.00	\$2,000.00	\$50,000.00	\$400.00	\$10,000.00
15	Erosion Control and Water Pollution Prevention	LS	1	\$7,000.00	\$7,000.00	\$10,000.00	\$10,000.00	\$5,000.00	\$5,000.00	\$6,000.00	\$6,000.00	\$10,000.00	\$10,000.00	\$11,500.00	\$11,500.00	\$20,000.00	\$20,000.00	\$10,000.00	\$10,000.00
<b>Roadside Development</b>																			
16	Topsoil Type A	CY	48	\$65.00	\$3,120.00	\$80.00	\$3,840.00	\$50.00	\$2,400.00	\$70.00	\$3,360.00	\$100.00	\$4,800.00	\$96.00	\$4,608.00	\$85.00	\$4,080.00	\$60.00	\$2,880.00
17	Seeded Lawn Installation	SY	260	\$10.00	\$2,600.00	\$5.00	\$1,300.00	\$7.00	\$1,820.00	\$5.00	\$1,300.00	\$20.00	\$5,200.00	\$7.00	\$1,820.00	\$7.00	\$1,820.00	\$25.00	\$6,500.00
18	Property Restoration	EST	1	\$4,000.00	\$4,000.00	\$4,000.00	\$4,000.00	\$4,000.00	\$4,000.00	\$4,000.00	\$4,000.00	\$4,000.00	\$4,000.00	\$4,000.00	\$4,000.00	\$4,000.00	\$4,000.00	\$4,000.00	\$4,000.00
<b>Storm Drainage</b>																			
19	Remove/Abandon Existing Storm Sewer Pipe	LF	280	\$25.00	\$7,000.00	\$10.00	\$2,800.00	\$20.00	\$5,600.00	\$10.00	\$2,800.00	\$41.00	\$11,480.00	\$12.50	\$3,500.00	\$10.00	\$2,800.00	\$100.00	\$28,000.00
20	Storm Sewer Pipe 8 In. Diam	LF	47	\$80.00	\$3,760.00	\$75.00	\$3,525.00	\$60.00	\$2,820.00	\$85.00	\$3,995.00	\$146.00	\$6,862.00	\$80.00	\$3,760.00	\$120.00	\$5,640.00	\$160.00	\$7,520.00
21	Storm Sewer Pipe 12 In. Diam	LF	1106	\$95.00	\$105,070.00	\$75.00	\$82,950.00	\$60.00	\$66,360.00	\$125.00	\$138,250.00	\$92.00	\$101,752.00	\$86.00	\$95,116.00	\$89.00	\$98,434.00	\$160.00	\$176,960.00
22	Ductile Iron Storm Sewer Pipe 8 In. Diam.	LF	224	\$110.00	\$24,640.00	\$100.00	\$22,400.00	\$75.00	\$16,800.00	\$125.00	\$28,000.00	\$90.00	\$20,160.00	\$122.00	\$27,328.00	\$134.00	\$30,016.00	\$200.00	\$44,800.00
23	Ductile Iron Storm Sewer Pipe 12 In. Diam.	LF	325	\$130.00	\$42,250.00	\$130.00	\$42,250.00	\$100.00	\$32,500.00	\$137.00	\$44,525.00	\$110.00	\$35,750.00	\$137.00	\$44,525.00	\$140.00	\$45,500.00	\$220.00	\$71,500.00
24	Concrete Inlet	EA	11	\$2,500.00	\$27,500.00	\$2,000.00	\$22,000.00	\$4,500.00	\$49,500.00	\$2,000.00	\$22,000.00	\$2,000.00	\$22,000.00	\$2,000.00	\$22,000.00	\$1,900.00	\$20,900.00	\$1,000.00	\$11,000.00
25	Catch Basin Type 1	EA	15	\$2,750.00	\$41,250.00	\$3,000.00	\$45,000.00	\$6,500.00	\$97,500.00	\$2,000.00	\$30,000.00	\$2,300.00	\$34,500.00	\$2,000.00	\$30,000.00	\$2,010.00	\$30,150.00	\$3,000.00	\$45,000.00
26	New Pipe Connection to Existing Storm Drain Structure	EA	3	\$750.00	\$2,250.00	\$2,000.00	\$6,000.00	\$1,500.00	\$4,500.00	\$1,200.00	\$3,600.00	\$3,500.00	\$10,500.00	\$800.00	\$2,400.00	\$800.00	\$2,400.00	\$1,000.00	\$3,000.00
27	Protect Utility Pole	LS	1	\$2,500.00	\$2,500.00	\$10,000.00	\$10,000.00	\$1,500.00	\$1,500.00	\$2,000.00	\$2,000.00	\$2,500.00	\$2,500.00	\$11,050.00	\$11,050.00	\$5,000.00	\$5,000.00	\$10,000.00	\$10,000.00
28	Utility Potholing	EA	36	\$600.00	\$21,600.00	\$600.00	\$21,600.00	\$300.00	\$10,800.00	\$575.00	\$20,700.00	\$475.00	\$17,100.00	\$715.00	\$25,740.00	\$600.00	\$21,600.00	\$600.00	\$21,600.00
29	Resolution of Utility Conflicts	EST	1	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00
<b>Total:</b>				<b>\$566,440.00</b>		<b>\$547,980.00</b>		<b>\$552,500.00</b>		<b>\$573,435.00</b>		<b>\$591,554.00</b>		<b>\$633,336.00</b>		<b>\$636,210.00</b>		<b>\$726,170.00</b>	
Contingency 10%:						<b>\$54,798.00</b>													
Total Construction:						<b>\$602,778.00</b>													

**Errors in Contractor Bid Proposals:**

No errors noberved.

Certified by \_\_\_\_\_  
 Joshua Hopkins Surface Water Project Manager

*Joshua Hopkins*

Date: 5/25/2022



May 25, 2022

City of Tukwila  
6200 Southcenter Blvd.  
Tukwila, WA 98188

**RE:** 2022 Small Drainage program

Dear Mayor & City Council,

As requested, KPG Psomas has completed the verification for TITAN Earthwork, LLC for the 2022 Small Drainage Program for their bid in the amount of \$547,980.00.

We have checked the status of TITAN Earthwork, 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 TITAN Earthwork, LLC. There were no subs to be used.

We phoned the references listed in TITAN Earthwork, LLC's bid and left messages for Lindsey McElwain from City of Edgewood, Patrick Donohue from City of Seattle & Myke Woodwell from City of Roslyn. We have not received a call back as of this writing.

KPG Psomas recommends the Small Drainage program be awarded to TITAN Earthworks, LLC.

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

Sincerely,

KPG Psomas Inc.

A handwritten signature in black ink that reads "Bryce Corrigan".

Bryce Corrigan, P.E.

Cc:

Enclosures: Titan Earthworks, LLC Verification Package