

Project Name: SE Issaquah-Fall City Road Pedestrian Improvements

Bid Date: 1-Dec-09

Contract No.: C00475C09

Ad Date: 10-Nov-09

Project No.: 200309

Bids Verified: 2-Dec-09

Length: 1,700 feet

ITEM NO.	STD. ITEM NO.	ITEM DESCRIPTION	King County Engineer's Estimate				Road Construction NW, Inc.		Construct Company LLC		Rodarte Construction, Inc.	
			QUANTITY	UNIT	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
PREPARATION												
1	0001	MOBILIZATION	LUMP SUM	LS	\$ 53,170.17	\$ 53,170.17	LUMP SUM	\$ 34,700.00	LUMP SUM	\$ 43,000.00	LUMP SUM	\$ 53,000.00
2	0035	CLEARING AND GRUBBING	LUMP SUM	LS	\$ 5,000.00	\$ 5,000.00	LUMP SUM	\$ 8,200.00	LUMP SUM	\$ 15,000.00	LUMP SUM	\$ 8,000.00
3	0050	REMOVAL OF STRUCTURES AND OBSTRUCTIONS	LUMP SUM	LS	\$ 2,500.00	\$ 2,500.00	LUMP SUM	\$ 4,800.00	LUMP SUM	\$ 22,000.00	LUMP SUM	\$ 500.00
GRADING												
4	0310	ROADWAY EXCAVATION INCL. HAUL	96	CY	\$ 25.00	\$ 2,400.00	\$ 26.00	\$ 2,496.00	\$ 27.00	\$ 2,592.00	\$ 18.00	\$ 1,728.00
DRAINAGE												
5	1180	SCHEDULE A CULV. PIPE 12 IN. DIAM.	280	LF	\$ 25.00	\$ 7,000.00	\$ 38.00	\$ 10,640.00	\$ 45.00	\$ 12,600.00	\$ 40.00	\$ 11,200.00
6	3091	CATCH BASIN TYPE 1	4	EA	\$ 1,000.00	\$ 4,000.00	\$ 850.00	\$ 3,400.00	\$ 1,000.00	\$ 4,000.00	\$ 650.00	\$ 2,600.00
7		SPECIAL CURB INLET	4	EA	\$ 900.00	\$ 3,600.00	\$ 870.00	\$ 3,480.00	\$ 950.00	\$ 3,800.00	\$ 700.00	\$ 2,800.00
8	1086	QUARRY SPALLS	375	TON	\$ 30.00	\$ 11,250.00	\$ 48.00	\$ 18,000.00	\$ 21.00	\$ 7,875.00	\$ 40.00	\$ 15,000.00
9		THROUGH CURB INLET	7	EA	\$ 100.00	\$ 700.00	\$ 175.00	\$ 1,225.00	\$ 800.00	\$ 5,600.00	\$ 350.00	\$ 2,450.00
10		SWPE DRAIN PIPE 8 IN. DIAM.	57	LF	\$ 20.00	\$ 1,140.00	\$ 33.00	\$ 1,881.00	\$ 32.00	\$ 1,824.00	\$ 25.00	\$ 1,425.00
11	1030	DITCH EXCAVATION INCL. HAUL	203	CY	\$ 25.00	\$ 5,075.00	\$ 32.00	\$ 6,496.00	\$ 27.00	\$ 5,481.00	\$ 35.00	\$ 7,105.00
12		STANDARD LOCKING VANED GRATE AND FRAME	7	EA	\$ 300.00	\$ 2,100.00	\$ 265.00	\$ 1,855.00	\$ 350.00	\$ 2,450.00	\$ 275.00	\$ 1,925.00
STRUCTURE												
13	4006	STRUCTURE EXCAVATION CLASS A INCL. HAUL	155	CY	\$ 30.00	\$ 4,650.00	\$ 42.00	\$ 6,510.00	\$ 27.00	\$ 4,185.00	\$ 50.00	\$ 7,750.00
14		HELICAL ANCHORS/PILES INCLUDING CAP	34	EA	\$ 1,800.00	\$ 61,200.00	\$ 1,175.00	\$ 39,950.00	\$ 1,150.00	\$ 39,100.00	\$ 1,500.00	\$ 51,000.00
15	4147	EPOXY-COATED ST. REINF. BAR	15,755	LBS	\$ 1.30	\$ 20,481.50	\$ 1.00	\$ 15,755.00	\$ 1.20	\$ 18,906.00	\$ 1.50	\$ 23,632.50
16		CONCRETE CLASS 4000D	136	CY	\$ 625.00	\$ 85,000.00	\$ 395.00	\$ 53,720.00	\$ 615.00	\$ 83,640.00	\$ 450.00	\$ 61,200.00
17		GEOFOAM - EPS39 BLOCK	54	CY	\$ 175.00	\$ 9,450.00	\$ 210.00	\$ 11,340.00	\$ 170.00	\$ 9,180.00	\$ 175.00	\$ 9,450.00
18		1-1/4 IN. DIAM. X 18 IN. EPOXY COATED SMOOTH STEEL DOWELS	24	EA	\$ 25.00	\$ 600.00	\$ 6.00	\$ 144.00	\$ 18.00	\$ 432.00	\$ 15.00	\$ 360.00
19		FINE AGGREGATE FOR PORTLAND CEMENT CONCRETE, CLASS 2	11	TON	\$ 25.00	\$ 275.00	\$ 37.75	\$ 415.25	\$ 25.00	\$ 275.00	\$ 80.00	\$ 880.00
SURFACING												
20	5095	CRUSHED SURFACING BASE COURSE	135	CY	\$ 25.00	\$ 3,375.00	\$ 59.00	\$ 7,965.00	\$ 24.00	\$ 3,240.00	\$ 30.00	\$ 4,050.00
HOT MIX ASPHALT												
21		HMA CL. 1/2-INCH PG 64-22 INCL. EXCAVATION	70	TON	\$ 150.00	\$ 10,500.00	\$ 150.00	\$ 10,500.00	\$ 150.00	\$ 10,500.00	\$ 200.00	\$ 14,000.00
22	5711	PLANING BITUMINOUS PAVEMENT	440	SY	\$ 20.00	\$ 8,800.00	\$ 8.75	\$ 3,850.00	\$ 11.00	\$ 4,840.00	\$ 12.00	\$ 5,280.00
EROSION CONTROL AND LANDSCAPING												
23		LANDSCAPE, SITE CLEANUP, AND MISC. ITEMS	LUMP SUM	LS	\$ 15,000.00	\$ 15,000.00	LUMP SUM	\$ 9,500.00	LUMP SUM	\$ 7,000.00	LUMP SUM	\$ 7,000.00

ITEM NO.	STD. ITEM NO.	ITEM DESCRIPTION	King County Engineer's Estimate				Road Construction NW, Inc.		Construct Company LLC		Rodarte Construction, Inc.	
			QUANTITY	UNIT	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
24		SITE PREP, LAYOUT, TESC, AND SPCC PLAN	LUMP SUM	LS	\$ 25,000.00	\$ 25,000.00	LUMP SUM	\$ 10,150.00	LUMP SUM	\$ 5,000.00	LUMP SUM	\$ 7,000.00
		TRAFFIC										
25		DELETED ITEM										
26	6971	PROJECT TEMPORARY TRAFFIC CONTROL	LUMP SUM	LS	\$ 10,000.00	\$ 59,500.00	LUMP SUM	\$ 34,700.00	LUMP SUM	\$ 12,000.00	LUMP SUM	\$ 16,000.00
27	6904	ILLUMINATION SYSTEM COMPLETE	LUMP SUM	LS	\$ 10,800.00	\$ 10,800.00	LUMP SUM	\$ 11,375.00	LUMP SUM	\$ 11,400.00	LUMP SUM	\$ 13,000.00
		OTHER ITEMS										
28		CEMENT CONC. SIDEWALK (CLASS 4000) 4-INCH THICK INCL. EXCAVATION	750	SY	\$ 55.00	\$ 41,250.00	\$ 25.50	\$ 19,125.00	\$ 31.00	\$ 23,250.00	\$ 36.00	\$ 27,000.00
29		CEMENT CONC. CURB AND GUTTER (CLASS 4000) INCL. EXCAVATION	1,500	LF	\$ 15.00	\$ 22,500.00	\$ 10.75	\$ 16,125.00	\$ 13.00	\$ 19,500.00	\$ 20.00	\$ 30,000.00
30		PEDESTRIAN GUARDRAIL	200	LF	\$ 135.00	\$ 27,000.00	\$ 102.00	\$ 20,400.00	\$ 102.10	\$ 20,420.00	\$ 100.00	\$ 20,000.00
31	7006	STRUCTURE EXCAVATION CL. B INCL. HAUL	92	CY	\$ 30.00	\$ 2,760.00	\$ 1.00	\$ 92.00	\$ 27.00	\$ 2,484.00	\$ 13.00	\$ 1,196.00
32	7017	GRAVEL BACKFILL FOR PIPE ZONE BEDDING	13	CY	\$ 25.00	\$ 325.00	\$ 24.75	\$ 321.75	\$ 34.00	\$ 442.00	\$ 35.00	\$ 455.00
33	3110	LOCKING SOLID METAL COVER AND FRAME FOR CATCH BASIN	1	EA	\$ 300.00	\$ 300.00	\$ 255.00	\$ 255.00	\$ 350.00	\$ 350.00	\$ 250.00	\$ 250.00
34		SIDEWALK ADA RAMP RETROFIT	5	EA	\$ 1,500.00	\$ 7,500.00	\$ 600.00	\$ 3,000.00	\$ 840.00	\$ 4,200.00	\$ 625.00	\$ 3,125.00
35	7728	MINOR CHANGES	25,000 DOLL	CALC	\$ 25,000.00	\$ 25,000.00		\$ 25,000.00		\$ 25,000.00		\$ 25,000.00

Engineer's Estimate	<u>\$ 539,201.67</u>		
Bid Amounts		<u>\$ 397,366.00</u>	<u>\$ 431,566.00</u>
Amount difference from the Engineer's Estimate		<u>\$ (141,835.67)</u>	<u>\$ (107,635.67)</u>
Percentile difference from the Engineer's Estimate		<u>-26.30%</u>	<u>-19.96%</u>

Project Name: SE Issaquah-Fall City Road Pedestrian Improvements

Contract No.: C00475C09

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ITEM NO.	STD. ITEM NO.	ITEM DESCRIPTION	Precision Earthworks, Inc.		Interwest Construction, Inc.		TE Briggs Construction Co		Archer Construction, Inc.	
			UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
		PREPARATION								
1	0001	MOBILIZATION	LUMP SUM	\$ 25,000.00	LUMP SUM	\$ 42,000.00	LUMP SUM	\$ 43,800.00	LUMP SUM	\$ 45,000.00
2	0035	CLEARING AND GRUBBING	LUMP SUM	\$ 7,000.00	LUMP SUM	\$ 15,000.00	LUMP SUM	\$ 3,000.00	LUMP SUM	\$ 20,000.00
3	0050	REMOVAL OF STRUCTURES AND OBSTRUCTIONS	LUMP SUM	\$ 2,600.00	LUMP SUM	\$ 9,000.00	LUMP SUM	\$ 10,500.00	LUMP SUM	\$ 20,000.00
		GRADING								
4	0310	ROADWAY EXCAVATION INCL. HAUL	\$ 40.00	\$ 3,840.00	\$ 34.00	\$ 3,264.00	\$ 32.25	\$ 3,096.00	\$ 18.00	\$ 1,728.00
		DRAINAGE								
5	1180	SCHEDULE A CULV. PIPE 12 IN. DIAM.	\$ 32.00	\$ 8,960.00	\$ 31.00	\$ 8,680.00	\$ 21.50	\$ 6,020.00	\$ 22.00	\$ 6,160.00
6	3091	CATCH BASIN TYPE 1	\$ 1,130.00	\$ 4,520.00	\$ 1,100.00	\$ 4,400.00	\$ 1,250.00	\$ 5,000.00	\$ 900.00	\$ 3,600.00
7		SPECIAL CURB INLET	\$ 845.00	\$ 3,380.00	\$ 1,100.00	\$ 4,400.00	\$ 1,550.00	\$ 6,200.00	\$ 1,100.00	\$ 4,400.00
8	1086	QUARRY SPALLS	\$ 26.00	\$ 9,750.00	\$ 25.00	\$ 9,375.00	\$ 24.75	\$ 9,281.25	\$ 28.00	\$ 10,500.00
9		THROUGH CURB INLET	\$ 605.00	\$ 4,235.00	\$ 350.00	\$ 2,450.00	\$ 1,465.00	\$ 10,255.00	\$ 1,150.00	\$ 8,050.00
10		SWPE DRAIN PIPE 8 IN. DIAM.	\$ 30.00	\$ 1,710.00	\$ 60.00	\$ 3,420.00	\$ 36.50	\$ 2,080.50	\$ 26.00	\$ 1,482.00
11	1030	DITCH EXCAVATION INCL. HAUL	\$ 35.00	\$ 7,105.00	\$ 18.00	\$ 3,654.00	\$ 32.50	\$ 6,597.50	\$ 14.00	\$ 2,842.00
12		STANDARD LOCKING VANED GRATE AND FRAME	\$ 555.00	\$ 3,885.00	\$ 450.00	\$ 3,150.00	\$ 500.00	\$ 3,500.00	\$ 250.00	\$ 1,750.00
		STRUCTURE								
13	4006	STRUCTURE EXCAVATION CLASS A INCL. HAUL	\$ 33.00	\$ 5,115.00	\$ 35.00	\$ 5,425.00	\$ 32.00	\$ 4,960.00	\$ 35.00	\$ 5,425.00
14		HELICAL ANCHORS/PILES INCLUDING CAP	\$ 1,250.00	\$ 42,500.00	\$ 1,350.00	\$ 45,900.00	\$ 1,260.00	\$ 42,840.00	\$ 1,200.00	\$ 40,800.00
15	4147	EPOXY-COATED ST. REINF. BAR	\$ 1.40	\$ 22,057.00	\$ 1.25	\$ 19,693.75	\$ 1.75	\$ 27,571.25	\$ 2.00	\$ 31,510.00
16		CONCRETE CLASS 4000D	\$ 585.00	\$ 79,560.00	\$ 335.00	\$ 45,560.00	\$ 422.00	\$ 57,392.00	\$ 620.00	\$ 84,320.00
17		GEOFOAM - EPS39 BLOCK	\$ 255.00	\$ 13,770.00	\$ 225.00	\$ 12,150.00	\$ 214.00	\$ 11,556.00	\$ 160.00	\$ 8,640.00
18		1-1/4 IN. DIAM. X 18 IN. EPOXY COATED SMOOTH STEEL DOWELS	\$ 20.00	\$ 480.00	\$ 25.00	\$ 600.00	\$ 26.75	\$ 642.00	\$ 30.00	\$ 720.00
19		FINE AGGREGATE FOR PORTLAND CEMENT CONCRETE, CLASS 2	\$ 55.00	\$ 605.00	\$ 50.00	\$ 550.00	\$ 100.00	\$ 1,100.00	\$ 25.00	\$ 275.00
		SURFACING								
20	5095	CRUSHED SURFACING BASE COURSE	\$ 35.00	\$ 4,725.00	\$ 70.00	\$ 9,450.00	\$ 39.60	\$ 5,346.00	\$ 38.00	\$ 5,130.00
		HOT MIX ASPHALT								
21		HMA CL. 1/2-INCH PG 64-22 INCL. EXCAVATION	\$ 165.00	\$ 11,550.00	\$ 140.00	\$ 9,800.00	\$ 165.65	\$ 11,595.50	\$ 170.00	\$ 11,900.00
22	5711	PLANING BITUMINOUS PAVEMENT	\$ 12.35	\$ 5,434.00	\$ 13.00	\$ 5,720.00	\$ 6.75	\$ 2,970.00	\$ 12.00	\$ 5,280.00
		EROSION CONTROL AND LANDSCAPING								
23		LANDSCAPE, SITE CLEANUP, AND MISC. ITEMS	LUMP SUM	\$ 24,000.00	LUMP SUM	\$ 10,000.00	LUMP SUM	\$ 4,900.00	LUMP SUM	\$ 15,000.00

ITEM NO.	STD. ITEM NO.	ITEM DESCRIPTION	Precision Earthworks, Inc.		Interwest Construction, Inc.		TE Briggs Construction Co		Archer Construction, Inc.	
			UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
24		SITE PREP, LAYOUT, TESC, AND SPCC PLAN	LUMP SUM	\$ 13,000.00	LUMP SUM	\$ 20,000.00	LUMP SUM	\$ 15,665.00	LUMP SUM	\$ 15,000.00
		TRAFFIC								
25		DELETED ITEM								
26	6971	PROJECT TEMPORARY TRAFFIC CONTROL	LUMP SUM	\$ 24,000.00	LUMP SUM	\$ 36,500.00	LUMP SUM	\$ 30,025.00	LUMP SUM	\$ 30,000.00
27	6904	ILLUMINATION SYSTEM COMPLETE	LUMP SUM	\$ 12,500.00	LUMP SUM	\$ 15,000.00	LUMP SUM	\$ 17,100.00	LUMP SUM	\$ 16,500.00
		OTHER ITEMS								
28		CEMENT CONC. SIDEWALK (CLASS 4000) 4-INCH THICK INCL. EXCAVATION	\$ 31.00	\$ 23,250.00	\$ 35.00	\$ 26,250.00	\$ 30.70	\$ 23,025.00	\$ 38.00	\$ 28,500.00
29		CEMENT CONC. CURB AND GUTTER (CLASS 4000) INCL. EXCAVATION	\$ 12.65	\$ 18,975.00	\$ 15.00	\$ 22,500.00	\$ 21.30	\$ 31,950.00	\$ 14.00	\$ 21,000.00
30		PEDESTRIAN GUARDRAIL	\$ 110.00	\$ 22,000.00	\$ 100.00	\$ 20,000.00	\$ 91.10	\$ 18,220.00	\$ 110.00	\$ 22,000.00
31	7006	STRUCTURE EXCAVATION CL. B INCL. HAUL	\$ 30.50	\$ 2,806.00	\$ 12.00	\$ 1,104.00	\$ 32.50	\$ 2,990.00	\$ 17.00	\$ 1,564.00
32	7017	GRAVEL BACKFILL FOR PIPE ZONE BEDDING	\$ 57.00	\$ 741.00	\$ 25.00	\$ 325.00	\$ 42.00	\$ 546.00	\$ 25.00	\$ 325.00
33	3110	LOCKING SOLID METAL COVER AND FRAME FOR CATCH BASIN	\$ 445.00	\$ 445.00	\$ 450.00	\$ 450.00	\$ 500.00	\$ 500.00	\$ 250.00	\$ 250.00
34		SIDEWALK ADA RAMP RETROFIT	\$ 660.00	\$ 3,300.00	\$ 1,350.00	\$ 6,750.00	\$ 695.00	\$ 3,475.00	\$ 600.00	\$ 3,000.00
35	7728	MINOR CHANGES		\$ 25,000.00		\$ 25,000.00		\$ 25,000.00		\$ 25,000.00

Engineer's Estimate

Bid Amounts	\$ 437,798.00	\$ 447,520.75	\$ 448,699.00	\$ 497,651.00
Amount difference from the Engineer's Estimate	\$ (101,403.67)	\$ (91,680.92)	\$ (90,502.67)	\$ (41,550.67)
Percentile difference from the Engineer's Estimate	-18.81%	-17.00%	-16.78%	-7.71%