

**72nd Ave. S. Extension
S. 196th St. to S. 200th St.**

Bid Opening: January 26, 2016, 11:00 AM

				1		2		3		4	
				Scarsella Bros. Inc. PO Box 68697 Seattle, WA 98168-0697		Rodarte Construction, Inc. 17 E. Valley Highway E. Auburn, WA 98092		Johansen Excavating, Inc. PO Box 674 Buckley, WA 98321		DPK Inc. 7829 S. 206th St. Kent, WA 98032	
TOTAL				\$2,692,813.01		\$2,979,810.00		\$3,132,746.50		\$3,239,445.00	
ITEM NO.	DESCRIPTION	QTY	UNIT	UNIT PRICE	TOTAL AMOUNT	UNIT PRICE	TOTAL AMOUNT	UNIT PRICE	TOTAL AMOUNT	UNIT PRICE	TOTAL AMOUNT
SCHEDULE I: STREET											
1000	Mobilization	1	LS	270,000.00	\$270,000.00	248,000.00	\$248,000.00	212,000.00	\$212,000.00	316,000.00	\$316,000.00
1005	Clearing & Grubbing	1	LS	30,000.00	\$30,000.00	9,500.00	\$9,500.00	99,000.00	\$99,000.00	80,000.00	\$80,000.00
1010	Remove Existing Asphalt Concrete Pavement	800	SY	5.00	\$4,000.00	3.00	\$2,400.00	13.50	\$10,800.00	8.00	\$6,400.00
1020	Remove Cement Concrete Sidewalk	30	SY	10.00	\$300.00	20.00	\$600.00	13.00	\$390.00	18.00	\$540.00
1025	Remove Cement Concrete Curb & Gutter	40	LF	8.00	\$320.00	13.00	\$520.00	6.00	\$240.00	12.00	\$480.00
1040	Removal of Raised Pavement Markers & Painted &/or Thermoplastic Traffic Markings	1	LS	1,350.00	\$1,350.00	1,000.00	\$1,000.00	1,450.00	\$1,450.00	35,000.00	\$35,000.00
1050	Saw Cut Existing Asphalt Concrete Pavement	500	LF	4.00	\$2,000.00	3.50	\$1,750.00	2.25	\$1,125.00	3.00	\$1,500.00
1060	Roadway Excavation Incl. Haul	100	CY	10.00	\$1,000.00	50.00	\$5,000.00	36.00	\$3,600.00	25.00	\$2,500.00
1065	Unsuitable Foundation Excavation Incl. Haul	100	CY	10.00	\$1,000.00	55.00	\$5,500.00	55.00	\$5,500.00	45.00	\$4,500.00
1075	Gravel Borrow, Including Haul & Compaction	9,000	TON	14.75	\$132,750.00	20.00	\$180,000.00	19.00	\$171,000.00	20.00	\$180,000.00
1080	Crushed Surfacing Top Course, 5/8" Minus	700	TON	25.00	\$17,500.00	32.00	\$22,400.00	42.00	\$29,400.00	30.00	\$21,000.00
1085	Crushed Surfacing Base Course, 1-1/4" Minus	1,900	TON	22.00	\$41,800.00	28.00	\$53,200.00	21.50	\$40,850.00	26.00	\$49,400.00
1095	HMA Class 1/2", PG 64-22	1,900	TON	70.00	\$133,000.00	80.00	\$152,000.00	76.00	\$144,400.00	80.00	\$152,000.00
1115	Geotextile Fabric, Non-Woven	1,200	SY	3.00	\$3,600.00	2.50	\$3,000.00	1.50	\$1,800.00	5.00	\$6,000.00
1125	Cold Plant Mix for Temporary Pavement Patch	10	TON	150.00	\$1,500.00	150.00	\$1,500.00	140.00	\$1,400.00	85.00	\$850.00
1140	Cement Concrete Driveway, 8" Depth, Reinforced	90	SY	77.75	\$6,997.50	75.00	\$6,750.00	85.75	\$7,717.50	80.00	\$7,200.00
1145	Cement Concrete Sidewalk	1,035	SY	35.00	\$36,225.00	40.00	\$41,400.00	31.50	\$32,602.50	40.00	\$41,400.00
1170	Cement Concrete Sidewalk Ramp Type Parallel A	1	EA	2,875.00	\$2,875.00	2,500.00	\$2,500.00	1,300.00	\$1,300.00	2,200.00	\$2,200.00
1180	Detectable Warning Surface	10	SF	20.00	\$200.00	20.00	\$200.00	66.00	\$660.00	18.00	\$180.00
1205	Cement Concrete Curb & Gutter	1,940	LF	16.00	\$31,040.00	14.00	\$27,160.00	17.50	\$33,950.00	17.00	\$32,980.00
1211	Western Processing Vault "U-1"	1	LS	10,100.00	\$10,100.00	11,000.00	\$11,000.00	7,800.00	\$7,800.00	25,000.00	\$25,000.00
1212	Western Processing Vault "U-2"	1	LS	3,000.00	\$3,000.00	5,500.00	\$5,500.00	2,600.00	\$2,600.00	12,000.00	\$12,000.00
1213	Western Processing Piezometers RP-28 & P-26	1	LS	4,010.00	\$4,010.00	2,750.00	\$2,750.00	2,200.00	\$2,200.00	8,000.00	\$8,000.00
1214	Western Processing Well Pair 5M4A/B	1	LS	3,500.00	\$3,500.00	2,750.00	\$2,750.00	2,000.00	\$2,000.00	8,000.00	\$8,000.00
1216	Relocate Western Processing Gas Service	170	LF	30.00	\$5,100.00	25.00	\$4,250.00	16.50	\$2,805.00	25.00	\$4,250.00
1217	Relocate Western Processing Water Service	170	LF	60.00	\$10,200.00	55.00	\$9,350.00	83.00	\$14,110.00	70.00	\$11,900.00
1218	Relocate Western Processing Communication Service	170	LF	15.00	\$2,550.00	22.00	\$3,740.00	22.00	\$3,740.00	25.00	\$4,250.00
1225	Adjust Existing Western Processing Manhole to Finished Grade	10	LF	175.00	\$1,750.00	350.00	\$3,500.00	1,100.00	\$11,000.00	250.00	\$2,500.00
1240	Adjust Existing Junction Box to Finished Grade	1	EA	500.00	\$500.00	350.00	\$350.00	275.00	\$275.00	350.00	\$350.00
1250	Install New Monument, Case & Cover to Finished Grade	5	EA	500.00	\$2,500.00	700.00	\$3,500.00	375.00	\$1,875.00	550.00	\$2,750.00
1255	Remove Fence & Gates	500	LF	3.00	\$1,500.00	4.25	\$2,125.00	5.65	\$2,825.00	8.00	\$4,000.00
1270	Temporary Fencing	500	LF	4.00	\$2,000.00	2.75	\$1,375.00	7.75	\$3,875.00	8.00	\$4,000.00
1275	Quarry Spalls Including Removal	220	TON	38.20	\$8,404.00	65.00	\$14,300.00	80.00	\$17,600.00	70.00	\$15,400.00
1280	Install New Chain Link Fence	500	LF	20.50	\$10,250.00	24.00	\$12,000.00	24.25	\$12,125.00	21.00	\$10,500.00

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				Scarsella Bros. Inc. PO Box 68697 Seattle, WA 98168-0697		Rodarte Construction, Inc. 17 E. Valley Highway E. Auburn, WA 98092		Johansen Excavating, Inc. PO Box 674 Buckley, WA 98321		DPK Inc. 7829 S. 206th St. Kent, WA 98032	
TOTAL				\$2,692,813.01		\$2,979,810.00		\$3,132,746.50		\$3,239,445.00	
ITEM NO.	DESCRIPTION	QTY	UNIT	UNIT PRICE	TOTAL AMOUNT	UNIT PRICE	TOTAL AMOUNT	UNIT PRICE	TOTAL AMOUNT	UNIT PRICE	TOTAL AMOUNT
1281	Install Western Processing Gate	1	EA	1,500.00	\$1,500.00	1,450.00	\$1,450.00	1,425.00	\$1,425.00	1,500.00	\$1,500.00
1285	Mailbox Support, Type 1	1	EA	500.00	\$500.00	275.00	\$275.00	275.00	\$275.00	400.00	\$400.00
1315	Pothole Utilities	10	EA	500.00	\$5,000.00	400.00	\$4,000.00	250.00	\$2,500.00	400.00	\$4,000.00
1320	Project Sign Installation	2	EA	1,000.00	\$2,000.00	550.00	\$1,100.00	1,250.00	\$2,500.00	1,000.00	\$2,000.00
1322	Remove Concrete 'Ecology Blocks'	10	EA	50.00	\$500.00	50.00	\$500.00	125.00	\$1,250.00	100.00	\$1,000.00
1355	Minor Changes	1	CALC	15,000.00	\$15,000.00	15,000.00	\$15,000.00	15,000.00	\$15,000.00	15,000.00	\$15,000.00
SCHEDULE I TOTAL				\$807,321.50		\$863,195.00		\$906,965.00		\$1,076,930.00	
SCHEDULE III: STRUCTURAL											
3000	Compaction Grout Columns	720	SY	365.00	\$262,800.00	550.00	\$396,000.00	530.00	\$381,600.00	400.00	\$288,000.00
3001	Preload Embankment/Gravel Borrow	11,100	TON	14.75	\$163,725.00	23.00	\$255,300.00	31.00	\$344,100.00	27.00	\$299,700.00
3002	Structure Excavation Class A Incl. Haul & Compaction	625	CY	18.10	\$11,312.50	26.00	\$16,250.00	35.00	\$21,875.00	35.00	\$21,875.00
3003	Shoring or Extra Excavation Cl. A	1	LS	1,000.00	\$1,000.00	60,000.00	\$60,000.00	3,000.00	\$3,000.00	2,200.00	\$2,200.00
3004	Gravel Backfill for Wall	140	CY	50.00	\$7,000.00	45.00	\$6,300.00	75.00	\$10,500.00	50.00	\$7,000.00
3005	Pedestrian Barrier	250	LF	136.50	\$34,125.00	235.00	\$58,750.00	190.00	\$47,500.00	200.00	\$50,000.00
3006	Epoxy-Coated St. Reinf. Bar	800	LBS	1.80	\$1,440.00	2.25	\$1,800.00	2.15	\$1,720.00	3.00	\$2,400.00
3007	St. Reinf. Bar	46,000	LBS	1.30	\$59,800.00	1.25	\$57,500.00	1.55	\$71,300.00	2.00	\$92,000.00
3008	Conc. Class 4000 for Substructure	175	CY	620.00	\$108,500.00	575.00	\$100,625.00	630.00	\$110,250.00	600.00	\$105,000.00
3009	Bridge Railing Type Pedestrian, Steel	250	LF	80.00	\$20,000.00	85.00	\$21,250.00	170.00	\$42,500.00	80.00	\$20,000.00
3010	Superstructure	1	LS	821,000.00	\$821,000.00	675,000.00	\$675,000.00	655,000.00	\$655,000.00	750,000.00	\$750,000.00
3011	Beam Guardrail Type 31 Non-Flared Terminal	3	EA	2,325.00	\$6,975.00	2,600.00	\$7,800.00	2,500.00	\$7,500.00	2,300.00	\$6,900.00
3012	Beam Guardrail Type 31	25	LF	45.00	\$1,125.00	50.00	\$1,250.00	48.00	\$1,200.00	45.00	\$1,125.00
3013	Beam Guardrail Transition Section Type 20	1	EA	2,570.00	\$2,570.00	2,800.00	\$2,800.00	2,750.00	\$2,750.00	2,600.00	\$2,600.00
3014	Beam Guardrail Transition Section Type 21	3	EA	4,005.00	\$12,015.00	4,500.00	\$13,500.00	4,350.00	\$13,050.00	4,000.00	\$12,000.00
3015	Beam Guardrail Anchor Type 10	1	EA	930.00	\$930.00	1,000.00	\$1,000.00	1,000.00	\$1,000.00	930.00	\$930.00
3016	Structure Surveying	1	LS	12,500.00	\$12,500.00	5,000.00	\$5,000.00	29,500.00	\$29,500.00	10,000.00	\$10,000.00
3018	Permeable Ballast	370	TON	37.50	\$13,875.00	28.00	\$10,360.00	48.00	\$17,760.00	40.00	\$14,800.00
3019	Construction Geotextile for Soil Stabilization	250	SY	3.00	\$750.00	3.00	\$750.00	1.80	\$450.00	5.00	\$1,250.00
3020	Quarry Spalls	270	TON	38.20	\$10,314.00	45.00	\$12,150.00	45.00	\$12,150.00	50.00	\$13,500.00
SCHEDULE III TOTAL				\$1,551,756.50		\$1,703,385.00		\$1,774,705.00		\$1,701,280.00	
SCHEDULE IV: STORM SEWER											
4006	Western Processing Double Pipe	100	LF	50.00	\$5,000.00	55.00	\$5,500.00	60.00	\$6,000.00	80.00	\$8,000.00
4015	Storm Sewer Pipe, 12" Diameter CL 50 DI	1,220	LF	61.15	\$74,603.00	60.00	\$73,200.00	48.00	\$58,560.00	90.00	\$109,800.00
4080	Catch Basin, Type 1	11	EA	1,325.00	\$14,575.00	1,000.00	\$11,000.00	800.00	\$8,800.00	1,000.00	\$11,000.00
4085	Catch Basin, Type 2 48" Diameter	2	EA	2,700.00	\$5,400.00	2,750.00	\$5,500.00	2,300.00	\$4,600.00	1,800.00	\$3,600.00

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TOTAL				\$2,692,813.01		\$2,979,810.00		\$3,132,746.50		\$3,239,445.00	
ITEM NO.	DESCRIPTION	QTY	UNIT	UNIT PRICE	TOTAL AMOUNT	UNIT PRICE	TOTAL AMOUNT	UNIT PRICE	TOTAL AMOUNT	UNIT PRICE	TOTAL AMOUNT
4105	Concrete Inlet	2	EA	1,085.00	\$2,170.00	850.00	\$1,700.00	1,600.00	\$3,200.00	800.00	\$1,600.00
4120	Vaned Catch Basin Frame & Grate	13	EA	325.00	\$4,225.00	275.00	\$3,575.00	265.00	\$3,445.00	200.00	\$2,600.00
4125	Thru-Curb Inlet Frame & Vaned Grate	2	EA	550.00	\$1,100.00	400.00	\$800.00	265.00	\$530.00	300.00	\$600.00
4130	Abandon Existing Storm Sewer Pipe	1	EA	350.00	\$350.00	1,300.00	\$1,300.00	250.00	\$250.00	1,500.00	\$1,500.00
4150	Shoring or Extra Excavation Class B	600	SF	0.10	\$60.00	0.50	\$300.00	2.25	\$1,350.00	0.10	\$60.00
4170	Pipe Zone Bedding	440	TON	16.75	\$7,370.00	30.00	\$13,200.00	25.00	\$11,000.00	18.00	\$7,920.00
SCHEDULE IV TOTAL				\$114,853.00		\$116,075.00		\$97,735.00		\$146,680.00	
SCHEDULE V: TRAFFIC CONTROL											
5005	Traffic Control Labor	240	HR	60.00	\$14,400.00	48.00	\$11,520.00	55.00	\$13,200.00	43.00	\$10,320.00
5010	Construction Signs Class A	100	SF	15.00	\$1,500.00	24.00	\$2,400.00	9.50	\$950.00	10.00	\$1,000.00
5015	Traffic Control Supervisor	70	HR	65.00	\$4,550.00	50.00	\$3,500.00	60.00	\$4,200.00	50.00	\$3,500.00
5020	Temporary Traffic Control Devices	1	LS	0.01	\$0.01	500.00	\$500.00	30,000.00	\$30,000.00	1,000.00	\$1,000.00
5040	Traffic Safety Drum	20	EA	1.00	\$20.00	175.00	\$3,500.00	60.00	\$1,200.00	100.00	\$2,000.00
5101	Type D Plastic Wide Line with Profiles	500	LF	4.50	\$2,250.00	5.00	\$2,500.00	4.85	\$2,425.00	5.00	\$2,500.00
5106	Type D Plastic Double Yellow Center Line with Profiles	1,600	LF	2.00	\$3,200.00	2.25	\$3,600.00	2.15	\$3,440.00	3.00	\$4,800.00
5111	Type D Plastic Two Way Left Turn Line with Profiles	2,200	LF	1.50	\$3,300.00	1.75	\$3,850.00	1.60	\$3,520.00	2.00	\$4,400.00
5115	Plastic Stop Line	40	LF	15.00	\$600.00	16.00	\$640.00	16.00	\$640.00	15.00	\$600.00
5120	Plastic Crosswalk Markings	210	SF	6.50	\$1,365.00	7.00	\$1,470.00	7.00	\$1,470.00	8.00	\$1,680.00
5125	Plastic Traffic Arrow	8	EA	150.00	\$1,200.00	165.00	\$1,320.00	163.00	\$1,304.00	150.00	\$1,200.00
5135	Permanent Signing	1	LS	3,050.00	\$3,050.00	3,250.00	\$3,250.00	2,600.00	\$2,600.00	2,500.00	\$2,500.00
SCHEDULE V TOTAL				\$35,435.01		\$38,050.00		\$64,949.00		\$35,500.00	
SCHEDULE VI: ELECTRICAL											
6000	Traffic Signal Modifications at 72nd Ave. S. & S. 196th St.	1	LS	21,580.00	\$21,580.00	33,000.00	\$33,000.00	35,000.00	\$35,000.00	40,000.00	\$40,000.00
6001	72nd Ave. S. & S. 196th St. Econolite Cobalt Controller	1	LS	8,050.00	\$8,050.00	9,000.00	\$9,000.00	9,500.00	\$9,500.00	10,000.00	\$10,000.00
6005	Illumination System	1	LS	55,450.00	\$55,450.00	65,000.00	\$65,000.00	69,000.00	\$69,000.00	60,000.00	\$60,000.00
6015	Junction Box, Type 2	4	EA	695.00	\$2,780.00	800.00	\$3,200.00	875.00	\$3,500.00	800.00	\$3,200.00
6020	Supply & Install 4" Diameter Schedule 80 PVC Conduit	1,800	LF	11.10	\$19,980.00	15.00	\$27,000.00	16.50	\$29,700.00	19.00	\$34,200.00
6025	PSE - Installation & Proofing of 6" Diameter PSE Conduit	135	LF	18.10	\$2,443.50	11.50	\$1,552.50	12.25	\$1,653.75	10.00	\$1,350.00
6026	PSE - Installation & Proofing of 4" Diameter PSE Conduit	135	LF	10.70	\$1,444.50	11.50	\$1,552.50	12.25	\$1,653.75	10.00	\$1,350.00
SCHEDULE VI TOTAL				\$111,728.00		\$140,305.00		\$150,007.50		\$150,100.00	

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TOTAL				\$2,692,813.01		\$2,979,810.00		\$3,132,746.50		\$3,239,445.00	
ITEM NO.	DESCRIPTION	QTY	UNIT	UNIT PRICE	TOTAL AMOUNT	UNIT PRICE	TOTAL AMOUNT	UNIT PRICE	TOTAL AMOUNT	UNIT PRICE	TOTAL AMOUNT
SCHEDULE VII: TEMPORARY EROSION & SEDIMENTATION CONTROL											
7000	Seeding, Fertilizing, & Mulching	1	AC	3,225.00	\$3,225.00	2,000.00	\$2,000.00	7,450.00	\$7,450.00	3,300.00	\$3,300.00
7005	Filter Fabric Fence	1,000	LF	3.50	\$3,500.00	3.75	\$3,750.00	4.00	\$4,000.00	9.00	\$9,000.00
7010	Wattle	1,400	LF	3.50	\$4,900.00	3.00	\$4,200.00	2.75	\$3,850.00	5.00	\$7,000.00
7015	Inlet Protection	3	EA	100.00	\$300.00	50.00	\$150.00	75.00	\$225.00	60.00	\$180.00
7020	Straw Mulch	3,200	SY	0.75	\$2,400.00	1.50	\$4,800.00	1.05	\$3,360.00	4.00	\$12,800.00
7025	Clear Plastic Covering	500	SY	3.00	\$1,500.00	1.25	\$625.00	2.50	\$1,250.00	6.00	\$3,000.00
7030	ESC Lead	75	HR	75.00	\$5,625.00	75.00	\$5,625.00	110.00	\$8,250.00	65.00	\$4,875.00
7035	Street Cleaning	200	HR	0.01	\$2.00	155.00	\$31,000.00	145.00	\$29,000.00	125.00	\$25,000.00
7040	Watering - Dust Control	200	HR	0.01	\$2.00	90.00	\$18,000.00	110.00	\$22,000.00	64.00	\$12,800.00
7055	Erosion/Water Pollution Control	1	FA	10,000.00	\$10,000.00	10,000.00	\$10,000.00	10,000.00	\$10,000.00	10,000.00	\$10,000.00
7060	Baker Tank	1	FA	6,000.00	\$6,000.00	6,000.00	\$6,000.00	6,000.00	\$6,000.00	6,000.00	\$6,000.00
SCHEDULE VII TOTAL					\$37,454.00	\$86,150.00	\$95,385.00	\$93,955.00			
SCHEDULE VIII: ROADSIDE RESTORATION											
8000	Street Tree Planting & Staking	22	EA	570.00	\$12,540.00	450.00	\$9,900.00	400.00	\$8,800.00	600.00	\$13,200.00
8005	Topsoil Type A	350	CY	40.00	\$14,000.00	45.00	\$15,750.00	57.00	\$19,950.00	40.00	\$14,000.00
8010	Seeding, Fertilizing & Mulching	1	AC	3,225.00	\$3,225.00	2,000.00	\$2,000.00	7,450.00	\$7,450.00	3,300.00	\$3,300.00
8015	Bark or Wood Chip Mulch	100	CY	45.00	\$4,500.00	50.00	\$5,000.00	68.00	\$6,800.00	45.00	\$4,500.00
SCHEDULE VIII TOTAL					\$34,265.00	\$32,650.00	\$43,000.00	\$35,000.00			
SUMMARY:											
SCHEDULE I TOTAL					\$807,321.50	\$863,195.00	\$906,965.00	\$1,076,930.00			
SCHEDULE III TOTAL					\$1,551,756.50	\$1,703,385.00	\$1,774,705.00	\$1,701,280.00			
SCHEDULE IV TOTAL					\$114,853.00	\$116,075.00	\$97,735.00	\$146,680.00			
SCHEDULE V TOTAL					\$35,435.01	\$38,050.00	\$64,949.00	\$35,500.00			
SCHEDULE VI TOTAL					\$111,728.00	\$140,305.00	\$150,007.50	\$150,100.00			
SCHEDULE VII TOTAL					\$37,454.00	\$86,150.00	\$95,385.00	\$93,955.00			
SCHEDULE VIII TOTAL					\$34,265.00	\$32,650.00	\$43,000.00	\$35,000.00			
CONSTRUCTION CONTRACT TOTAL					\$2,692,813.01	\$2,979,810.00	\$3,132,746.50	\$3,239,445.00			

**72nd Ave. S. Extension
S. 196th St. to S. 200th St.**

Bid Opening: January 26, 2016, 11:00 AM

5
Quigg Bros., Inc.
PO Box 1707
Aberdeen, WA 98520-0281

6
C. A. Carey Corporation
PO Box 1006
Issaquah, WA 98027

Engineer's Estimate
Ken Langholz

TOTAL \$3,297,800.00 \$3,450,145.00 \$2,816,580.00

ITEM NO.	DESCRIPTION	QTY	UNIT	UNIT PRICE	TOTAL AMOUNT	UNIT PRICE	TOTAL AMOUNT	UNIT PRICE	TOTAL AMOUNT
SCHEDULE I: STREET									
1000	Mobilization	1	LS	330,000.00	\$330,000.00	340,000.00	\$340,000.00	209,000.00	\$209,000.00
1005	Clearing & Grubbing	1	LS	40,000.00	\$40,000.00	95,000.00	\$95,000.00	10,000.00	\$10,000.00
1010	Remove Existing Asphalt Concrete Pavement	800	SY	8.00	\$6,400.00	9.00	\$7,200.00	7.00	\$5,600.00
1020	Remove Cement Concrete Sidewalk	30	SY	5.00	\$150.00	13.00	\$390.00	20.00	\$600.00
1025	Remove Cement Concrete Curb & Gutter	40	LF	5.00	\$200.00	7.00	\$280.00	15.00	\$600.00
1040	Removal of Raised Pavement Markers & Painted &/or Thermoplastic Traffic Markings	1	LS	3,500.00	\$3,500.00	1,500.00	\$1,500.00	1,000.00	\$1,000.00
1050	Saw Cut Existing Asphalt Concrete Pavement	500	LF	5.00	\$2,500.00	4.00	\$2,000.00	4.00	\$2,000.00
1060	Roadway Excavation Incl. Haul	100	CY	30.00	\$3,000.00	29.00	\$2,900.00	25.00	\$2,500.00
1065	Unsuitable Foundation Excavation Incl. Haul	100	CY	30.00	\$3,000.00	29.00	\$2,900.00	25.00	\$2,500.00
1075	Gravel Borrow, Including Haul & Compaction	9,000	TON	20.00	\$180,000.00	26.00	\$234,000.00	20.00	\$180,000.00
1080	Crushed Surfacing Top Course, 5/8" Minus	700	TON	40.00	\$28,000.00	29.00	\$20,300.00	25.00	\$17,500.00
1085	Crushed Surfacing Base Course, 1-1/4" Minus	1,900	TON	28.00	\$53,200.00	26.00	\$49,400.00	25.00	\$47,500.00
1095	HMA Class 1/2", PG 64-22	1,900	TON	75.00	\$142,500.00	83.00	\$157,700.00	100.00	\$190,000.00
1115	Geotextile Fabric, Non-Woven	1,200	SY	4.00	\$4,800.00	3.00	\$3,600.00	4.00	\$4,800.00
1125	Cold Plant Mix for Temporary Pavement Patch	10	TON	150.00	\$1,500.00	200.00	\$2,000.00	150.00	\$1,500.00
1140	Cement Concrete Driveway, 8" Depth, Reinforced	90	SY	100.00	\$9,000.00	100.00	\$9,000.00	90.00	\$8,100.00
1145	Cement Concrete Sidewalk	1,035	SY	30.00	\$31,050.00	53.00	\$54,855.00	40.00	\$41,400.00
1170	Cement Concrete Sidewalk Ramp Type Parallel A	1	EA	2,500.00	\$2,500.00	1,700.00	\$1,700.00	1,500.00	\$1,500.00
1180	Detectable Warning Surface	10	SF	20.00	\$200.00	58.00	\$580.00	60.00	\$600.00
1205	Cement Concrete Curb & Gutter	1,940	LF	14.00	\$27,160.00	22.00	\$42,680.00	15.00	\$29,100.00
1211	Western Processing Vault "U-1"	1	LS	12,000.00	\$12,000.00	15,000.00	\$15,000.00	10,000.00	\$10,000.00
1212	Western Processing Vault "U-2"	1	LS	7,500.00	\$7,500.00	3,000.00	\$3,000.00	4,000.00	\$4,000.00
1213	Western Processing Piezometers RP-28 & P-26	1	LS	10,000.00	\$10,000.00	12,000.00	\$12,000.00	2,000.00	\$2,000.00
1214	Western Processing Well Pair 5M4A/B	1	LS	7,500.00	\$7,500.00	15,000.00	\$15,000.00	2,000.00	\$2,000.00
1216	Relocate Western Processing Gas Service	170	LF	30.00	\$5,100.00	25.00	\$4,250.00	8.00	\$1,360.00
1217	Relocate Western Processing Water Service	170	LF	35.00	\$5,950.00	27.00	\$4,590.00	8.00	\$1,360.00
1218	Relocate Western Processing Communication Service	170	LF	15.00	\$2,550.00	23.00	\$3,910.00	8.00	\$1,360.00
1225	Adjust Existing Western Processing Manhole to Finished Grade	10	LF	600.00	\$6,000.00	350.00	\$3,500.00	1,000.00	\$10,000.00
1240	Adjust Existing Junction Box to Finished Grade	1	EA	400.00	\$400.00	450.00	\$450.00	400.00	\$400.00
1250	Install New Monument, Case & Cover to Finished Grade	5	EA	500.00	\$2,500.00	500.00	\$2,500.00	500.00	\$2,500.00
1255	Remove Fence & Gates	500	LF	6.00	\$3,000.00	8.00	\$4,000.00	10.00	\$5,000.00
1270	Temporary Fencing	500	LF	8.00	\$4,000.00	8.00	\$4,000.00	9.00	\$4,500.00
1275	Quarry Spalls Including Removal	220	TON	50.00	\$11,000.00	45.00	\$9,900.00	45.00	\$9,900.00
1280	Install New Chain Link Fence	500	LF	25.00	\$12,500.00	24.00	\$12,000.00	25.00	\$12,500.00

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C. A. Carey Corporation
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Engineer's Estimate
Ken Langholz

TOTAL \$3,297,800.00 \$3,450,145.00 \$2,816,580.00

ITEM NO.	DESCRIPTION	QTY	UNIT	UNIT PRICE	TOTAL AMOUNT	UNIT PRICE	TOTAL AMOUNT	UNIT PRICE	TOTAL AMOUNT
1281	Install Western Processing Gate	1	EA	1,500.00	\$1,500.00	4,300.00	\$4,300.00	5,000.00	\$5,000.00
1285	Mailbox Support, Type 1	1	EA	750.00	\$750.00	2,200.00	\$2,200.00	300.00	\$300.00
1315	Pothole Utilities	10	EA	1,000.00	\$10,000.00	450.00	\$4,500.00	500.00	\$5,000.00
1320	Project Sign Installation	2	EA	1,000.00	\$2,000.00	1,200.00	\$2,400.00	600.00	\$1,200.00
1322	Remove Concrete 'Ecology Blocks'	10	EA	200.00	\$2,000.00	200.00	\$2,000.00	50.00	\$500.00
1355	Minor Changes	1	CALC	15,000.00	\$15,000.00	15,000.00	\$15,000.00	15,000.00	\$15,000.00
SCHEDULE I TOTAL					\$989,910.00	\$1,152,485.00		\$849,680.00	
SCHEDULE III: STRUCTURAL									
3000	Compaction Grout Columns	720	SY	450.00	\$324,000.00	485.00	\$349,200.00	275.00	\$198,000.00
3001	Preload Embankment/Gravel Borrow	11,100	TON	32.00	\$355,200.00	40.00	\$444,000.00	25.00	\$277,500.00
3002	Structure Excavation Class A Incl. Haul & Compaction	625	CY	25.00	\$15,625.00	30.00	\$18,750.00	35.00	\$21,875.00
3003	Shoring or Extra Excavation Cl. A	1	LS	5,000.00	\$5,000.00	2,500.00	\$2,500.00	5,000.00	\$5,000.00
3004	Gravel Backfill for Wall	140	CY	65.00	\$9,100.00	55.00	\$7,700.00	45.00	\$6,300.00
3005	Pedestrian Barrier	250	LF	175.00	\$43,750.00	200.00	\$50,000.00	120.00	\$30,000.00
3006	Epoxy-Coated St. Reinf. Bar	800	LBS	3.00	\$2,400.00	2.00	\$1,600.00	2.50	\$2,000.00
3007	St. Reinf. Bar	46,000	LBS	1.50	\$69,000.00	1.10	\$50,600.00	2.00	\$92,000.00
3008	Conc. Class 4000 for Substructure	175	CY	800.00	\$140,000.00	660.00	\$115,500.00	950.00	\$166,250.00
3009	Bridge Railing Type Pedestrian, Steel	250	LF	90.00	\$22,500.00	190.00	\$47,500.00	150.00	\$37,500.00
3010	Superstructure	1	LS	840,000.00	\$840,000.00	660,000.00	\$660,000.00	677,300.00	\$677,300.00
3011	Beam Guardrail Type 31 Non-Flared Terminal	3	EA	2,400.00	\$7,200.00	1,700.00	\$5,100.00	2,700.00	\$8,100.00
3012	Beam Guardrail Type 31	25	LF	45.00	\$1,125.00	58.00	\$1,450.00	40.00	\$1,000.00
3013	Beam Guardrail Transition Section Type 20	1	EA	2,600.00	\$2,600.00	1,100.00	\$1,100.00	3,000.00	\$3,000.00
3014	Beam Guardrail Transition Section Type 21	3	EA	4,100.00	\$12,300.00	1,700.00	\$5,100.00	3,000.00	\$9,000.00
3015	Beam Guardrail Anchor Type 10	1	EA	1,000.00	\$1,000.00	1,700.00	\$1,700.00	1,000.00	\$1,000.00
3016	Structure Surveying	1	LS	10,000.00	\$10,000.00	12,000.00	\$12,000.00	15,000.00	\$15,000.00
3018	Permeable Ballast	370	TON	35.00	\$12,950.00	80.00	\$29,600.00	25.00	\$9,250.00
3019	Construction Geotextile for Soil Stabilization	250	SY	3.00	\$750.00	4.00	\$1,000.00	3.00	\$750.00
3020	Quarry Spalls	270	TON	35.00	\$9,450.00	45.00	\$12,150.00	60.00	\$16,200.00
SCHEDULE III TOTAL					\$1,883,950.00	\$1,816,550.00		\$1,577,025.00	
SCHEDULE IV: STORM SEWER									
4006	Western Processing Double Pipe	100	LF	35.00	\$3,500.00	40.00	\$4,000.00	20.00	\$2,000.00
4015	Storm Sewer Pipe, 12" Diameter CL 50 DI	1,220	LF	55.00	\$67,100.00	70.00	\$85,400.00	60.00	\$73,200.00
4080	Catch Basin, Type 1	11	EA	1,000.00	\$11,000.00	1,600.00	\$17,600.00	1,400.00	\$15,400.00
4085	Catch Basin, Type 2 48" Diameter	2	EA	2,000.00	\$4,000.00	3,800.00	\$7,600.00	4,300.00	\$8,600.00

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Engineer's Estimate
Ken Langholz
\$2,816,580.00

ITEM NO.	DESCRIPTION	QTY	UNIT	UNIT PRICE	TOTAL AMOUNT	UNIT PRICE	TOTAL AMOUNT	UNIT PRICE	TOTAL AMOUNT
4105	Concrete Inlet	2	EA	750.00	\$1,500.00	1,700.00	\$3,400.00	400.00	\$800.00
4120	Vaned Catch Basin Frame & Grate	13	EA	600.00	\$7,800.00	220.00	\$2,860.00	450.00	\$5,850.00
4125	Thru-Curb Inlet Frame & Vaned Grate	2	EA	750.00	\$1,500.00	400.00	\$800.00	450.00	\$900.00
4130	Abandon Existing Storm Sewer Pipe	1	EA	1,500.00	\$1,500.00	700.00	\$700.00	500.00	\$500.00
4150	Shoring or Extra Excavation Class B	600	SF	3.00	\$1,800.00	2.00	\$1,200.00	1.00	\$600.00
4170	Pipe Zone Bedding	440	TON	20.00	\$8,800.00	20.00	\$8,800.00	20.00	\$8,800.00
SCHEDULE IV TOTAL					\$108,500.00	\$132,360.00		\$116,650.00	
SCHEDULE V: TRAFFIC CONTROL									
5005	Traffic Control Labor	240	HR	55.00	\$13,200.00	60.00	\$14,400.00	50.00	\$12,000.00
5010	Construction Signs Class A	100	SF	15.00	\$1,500.00	25.00	\$2,500.00	15.00	\$1,500.00
5015	Traffic Control Supervisor	70	HR	60.00	\$4,200.00	65.00	\$4,550.00	55.00	\$3,850.00
5020	Temporary Traffic Control Devices	1	LS	5,000.00	\$5,000.00	5,500.00	\$5,500.00	5,000.00	\$5,000.00
5040	Traffic Safety Drum	20	EA	150.00	\$3,000.00	60.00	\$1,200.00	60.00	\$1,200.00
5101	Type D Plastic Wide Line with Profiles	500	LF	5.00	\$2,500.00	5.00	\$2,500.00	3.00	\$1,500.00
5106	Type D Plastic Double Yellow Center Line with Profiles	1,600	LF	2.00	\$3,200.00	2.00	\$3,200.00	3.00	\$4,800.00
5111	Type D Plastic Two Way Left Turn Line with Profiles	2,200	LF	2.00	\$4,400.00	2.00	\$4,400.00	1.00	\$2,200.00
5115	Plastic Stop Line	40	LF	15.00	\$600.00	17.00	\$680.00	7.00	\$280.00
5120	Plastic Crosswalk Markings	210	SF	7.00	\$1,470.00	7.00	\$1,470.00	6.00	\$1,260.00
5125	Plastic Traffic Arrow	8	EA	150.00	\$1,200.00	170.00	\$1,360.00	650.00	\$5,200.00
5135	Permanent Signing	1	LS	3,000.00	\$3,000.00	4,000.00	\$4,000.00	1,000.00	\$1,000.00
SCHEDULE V TOTAL					\$43,270.00	\$45,760.00		\$39,790.00	
SCHEDULE VI: ELECTRICAL									
6000	Traffic Signal Modifications at 72nd Ave. S. & S. 196th St.	1	LS	30,000.00	\$30,000.00	32,000.00	\$32,000.00	25,500.00	\$25,500.00
6001	72nd Ave. S. & S. 196th St. Econolite Cobalt Controller	1	LS	10,000.00	\$10,000.00	8,800.00	\$8,800.00	5,000.00	\$5,000.00
6005	Illumination System	1	LS	75,000.00	\$75,000.00	75,000.00	\$75,000.00	56,500.00	\$56,500.00
6015	Junction Box, Type 2	4	EA	500.00	\$2,000.00	800.00	\$3,200.00	1,000.00	\$4,000.00
6020	Supply & Install 4" Diameter Schedule 80 PVC Conduit	1,800	LF	5.00	\$9,000.00	16.00	\$28,800.00	10.00	\$18,000.00
6025	PSE - Installation & Proofing of 6" Diameter PSE Conduit	135	LF	12.00	\$1,620.00	12.00	\$1,620.00	12.00	\$1,620.00
6026	PSE - Installation & Proofing of 4" Diameter PSE Conduit	135	LF	10.00	\$1,350.00	12.00	\$1,620.00	12.00	\$1,620.00
SCHEDULE VI TOTAL					\$128,970.00	\$151,040.00		\$112,240.00	

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				5		6			
				Quigg Bros., Inc. PO Box 1707 Aberdeen, WA 98520-0281		C. A. Carey Corporation PO Box 1006 Issaquah, WA 98027		Engineer's Estimate Ken Langholz	
TOTAL				\$3,297,800.00		\$3,450,145.00		\$2,816,580.00	
ITEM NO.	DESCRIPTION	QTY	UNIT	UNIT PRICE	TOTAL AMOUNT	UNIT PRICE	TOTAL AMOUNT	UNIT PRICE	TOTAL AMOUNT
SCHEDULE VII: TEMPORARY EROSION & SEDIMENTATION CONTROL									
7000	Seeding, Fertilizing, & Mulching	1	AC	3,500.00	\$3,500.00	3,700.00	\$3,700.00	3,000.00	\$3,000.00
7005	Filter Fabric Fence	1,000	LF	5.00	\$5,000.00	6.00	\$6,000.00	6.00	\$6,000.00
7010	Wattle	1,400	LF	7.00	\$9,800.00	4.00	\$5,600.00	5.00	\$7,000.00
7015	Inlet Protection	3	EA	200.00	\$600.00	100.00	\$300.00	65.00	\$195.00
7020	Straw Mulch	3,200	SY	2.00	\$6,400.00	0.50	\$1,600.00	5.00	\$16,000.00
7025	Clear Plastic Covering	500	SY	4.00	\$2,000.00	2.50	\$1,250.00	3.00	\$1,500.00
7030	ESC Lead	75	HR	150.00	\$11,250.00	110.00	\$8,250.00	60.00	\$4,500.00
7035	Street Cleaning	200	HR	125.00	\$25,000.00	175.00	\$35,000.00	75.00	\$15,000.00
7040	Watering - Dust Control	200	HR	150.00	\$30,000.00	175.00	\$35,000.00	100.00	\$20,000.00
7055	Erosion/Water Pollution Control	1	FA	10,000.00	\$10,000.00	10,000.00	\$10,000.00	10,000.00	\$10,000.00
7060	Baker Tank	1	FA	6,000.00	\$6,000.00	6,000.00	\$6,000.00	6,000.00	\$6,000.00
SCHEDULE VII TOTAL					\$109,550.00	\$112,700.00	\$89,195.00		
SCHEDULE VIII: ROADSIDE RESTORATION									
8000	Street Tree Planting & Staking	22	EA	450.00	\$9,900.00	650.00	\$14,300.00	500.00	\$11,000.00
8005	Topsoil Type A	350	CY	45.00	\$15,750.00	45.00	\$15,750.00	40.00	\$14,000.00
8010	Seeding, Fertilizing & Mulching	1	AC	3,500.00	\$3,500.00	3,700.00	\$3,700.00	3,000.00	\$3,000.00
8015	Bark or Wood Chip Mulch	100	CY	45.00	\$4,500.00	55.00	\$5,500.00	40.00	\$4,000.00
SCHEDULE VIII TOTAL					\$33,650.00	\$39,250.00	\$32,000.00		
SUMMARY:									
SCHEDULE I TOTAL					\$989,910.00	\$1,152,485.00	\$849,680.00		
SCHEDULE III TOTAL					\$1,883,950.00	\$1,816,550.00	\$1,577,025.00		
SCHEDULE IV TOTAL					\$108,500.00	\$132,360.00	\$116,650.00		
SCHEDULE V TOTAL					\$43,270.00	\$45,760.00	\$39,790.00		
SCHEDULE VI TOTAL					\$128,970.00	\$151,040.00	\$112,240.00		
SCHEDULE VII TOTAL					\$109,550.00	\$112,700.00	\$89,195.00		
SCHEDULE VIII TOTAL					\$33,650.00	\$39,250.00	\$32,000.00		
CONSTRUCTION CONTRACT TOTAL				\$3,297,800.00	\$3,450,145.00	\$2,816,580.00			