

AC Water Main Replacement Project				Original Engineer's Estimate		E & D Excavating P.O. Box 434 Arlington, WA 98223		Welch Brothers Construction, LLC P.O. Box 818 Anacortes, WA 98221		RRJ Company, LLC P.O. BOX 607 Monroe, WA 98272		Carman's Construction, LLC 20 W. Troxell Road Oak Harbor, Wa 98277		Interwest Construction, Inc. 609 North Hill Blvd. Burlington, WA 98233		Laser Underground & Earthworks, Inc. 20417 87th Avenue SE Snohomish, WA 98296	
Prepared June 28, 2012 by LPeterson				Original Engineer's Estimate													
Item No.	Description	QTY	Unit	Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price
PREPARATION																	
1	MOBILIZATION	1	L.S.	\$9,000.00	\$9,000.00	\$6,476.06	\$6,476.06	\$11,696.74	\$11,696.74	\$24,745.00	\$24,745.00	\$24,242.00	\$24,242.00	\$27,000.00	\$27,000.00	\$30,000.00	\$30,000.00
2	REMOVAL OF STRUCTURE AND OBSTRUCTION	1	L.S.	\$6,000.00	\$6,000.00	\$500.00	\$500.00	\$5,408.72	\$5,408.72	\$8,146.00	\$8,146.00	\$688.00	\$688.00	\$13,300.00	\$13,300.00	\$10,000.00	\$10,000.00
3	REMOVE HYDRANT	5	EACH	\$1,000.00	\$5,000.00	\$500.00	\$2,500.00	\$543.55	\$2,717.75	\$250.00	\$1,250.00	\$247.00	\$1,235.00	\$1,300.00	\$6,500.00	\$1,000.00	\$5,000.00
4	REMOVING ASPHALT CONC. PAVEMENT	490	S.Y.	\$5.00	\$2,450.00	\$10.00	\$4,900.00	\$4.60	\$2,254.00	\$3.50	\$1,715.00	\$6.25	\$3,062.50	\$4.50	\$2,205.00	\$10.00	\$4,900.00
5	REMOVING CEMENT CONC. SIDEWALK	20	S.Y.	\$5.00	\$100.00	\$8.00	\$160.00	\$25.04	\$500.80	\$10.00	\$200.00	\$16.75	\$335.00	\$25.00	\$500.00	\$20.00	\$400.00
6	SAWCUT EXISTING PAVEMENT	980	L.F.	\$2.40	\$2,352.00	\$1.55	\$1,519.00	\$2.74	\$2,685.20	\$1.85	\$1,813.00	\$1.56	\$1,528.80	\$2.25	\$2,205.00	\$3.00	\$2,940.00
WATER																	
7	HYDRANT ASSEMBLY	4	EACH	\$3,900.00	\$15,600.00	\$4,300.00	\$17,200.00	\$4,930.81	\$19,723.24	\$3,600.00	\$14,400.00	\$4,107.00	\$16,428.00	\$5,400.00	\$21,600.00	\$4,500.00	\$18,000.00
8	RECONNECTING EXISTING HYDRANTS	1	EACH	\$1,500.00	\$1,500.00	\$1,800.00	\$1,800.00	\$2,476.84	\$2,476.84	\$2,300.00	\$2,300.00	\$1,748.00	\$1,748.00	\$3,600.00	\$3,600.00	\$2,000.00	\$2,000.00
9	DUCTILE IRON PIPE FOR WATER MAIN 6 IN. DIAM	90	L.F.	\$60.00	\$5,400.00	\$53.39	\$4,805.10	\$44.13	\$3,971.70	\$30.00	\$2,700.00	\$46.28	\$4,165.20	\$80.00	\$7,200.00	\$70.00	\$6,300.00
10	DUCTILE IRON PIPE FOR WATER MAIN 8 IN. DIAM	2144	L.F.	\$65.00	\$139,360.00	\$53.39	\$114,468.16	\$43.02	\$92,234.88	\$53.00	\$113,632.00	\$50.14	\$107,500.16	\$63.00	\$135,072.00	\$75.00	\$160,800.00
11	DUCTILE IRON PIPE FOR WATER MAIN 12 IN. DIAM	144	L.F.	\$90.00	\$12,960.00	\$139.20	\$20,044.80	\$115.44	\$16,623.36	\$175.00	\$25,200.00	\$248.87	\$35,837.28	\$200.00	\$28,800.00	\$110.00	\$15,840.00
12	GATE VALVE 8 IN.	7	EACH	\$1,300.00	\$9,100.00	\$1,027.44	\$7,192.08	\$1,527.08	\$10,689.56	\$1,600.00	\$11,200.00	\$1,373.00	\$9,611.00	\$1,150.00	\$8,050.00	\$1,000.00	\$7,000.00
13	BUTTERFLY VALVE 12 IN.	3	EACH	\$1,300.00	\$3,900.00	\$1,528.21	\$4,584.63	\$1,955.62	\$5,866.86	\$3,220.00	\$9,660.00	\$2,014.00	\$6,042.00	\$1,600.00	\$4,800.00	\$2,000.00	\$6,000.00
14	2" POLYETHYLENE PIPE	350	L.F.	\$30.00	\$10,500.00	\$6.00	\$2,100.00	\$17.92	\$6,272.00	\$4.50	\$1,575.00	\$13.53	\$4,735.50	\$18.00	\$6,300.00	\$25.00	\$8,750.00
15	SERVICE RE-CONNECTION 1 IN. DIAM.	2	EACH	\$500.00	\$1,000.00	\$878.00	\$1,756.00	\$524.53	\$1,049.06	\$430.00	\$860.00	\$525.00	\$1,050.00	\$650.00	\$1,300.00	\$1,500.00	\$3,000.00
16	1" SERVICE CONNECTION	2	EACH	\$1,600.00	\$3,200.00	\$910.00	\$1,820.00	\$1,191.10	\$2,382.20	\$900.00	\$1,800.00	\$790.00	\$1,580.00	\$1,100.00	\$2,200.00	\$1,500.00	\$3,000.00
17	2" SERVICE CONNECTION	2	EACH	\$1,400.00	\$2,800.00	\$2,300.00	\$4,600.00	\$2,362.35	\$4,724.70	\$1,500.00	\$3,000.00	\$2,058.00	\$4,116.00	\$2,500.00	\$5,000.00	\$2,500.00	\$5,000.00
SURFACING																	
18	CRUSHED SURFACING TOP COURSE	2	TON	\$32.00	\$64.00	\$24.00	\$48.00	\$21.80	\$43.60	\$30.00	\$60.00	\$66.00	\$132.00	\$175.00	\$350.00	\$50.00	\$100.00
HOT MIX ASPHALT																	
19	COMMERCIAL HMA	137	TON	\$120.00	\$16,440.00	\$150.00	\$20,550.00	\$130.26	\$17,845.62	\$210.00	\$28,770.00	\$168.00	\$23,016.00	\$160.00	\$21,920.00	\$150.00	\$20,550.00
20	LONGITUDINAL JOINT SEAL	980	L.F.	\$1.00	\$980.00	\$0.95	\$931.00	\$1.10	\$1,078.00	\$1.00	\$980.00	\$1.42	\$1,391.60	\$1.00	\$980.00	\$1.00	\$980.00
EROSION CONTROL AND PLANTING																	
21	LANDSCAPE RESTORATION	440	S.Y.	\$15.00	\$6,600.00	\$5.00	\$2,200.00	\$31.05	\$13,662.00	\$6.00	\$2,640.00	\$6.59	\$2,899.60	\$12.00	\$5,280.00	\$10.00	\$4,400.00
22	INLET PROTECTION	5	EACH	\$70.00	\$350.00	\$100.00	\$500.00	\$54.80	\$274.00	\$70.00	\$350.00	\$55.00	\$275.00	\$80.00	\$400.00	\$50.00	\$250.00
TRAFFIC																	
23	PROJECT TEMPORARY TRAFFIC CONTROL	1	L.S.	\$3,600.00	\$3,600.00	\$100.00	\$100.00	\$12,000.57	\$12,000.57	\$7,000.00	\$7,000.00	\$5,310.00	\$5,310.00	\$17,000.00	\$17,000.00	\$10,000.00	\$10,000.00
OTHER																	
24	CEMENT CONC. SIDEWALK	20	S.Y.	\$30.00	\$600.00	\$90.20	\$1,804.00	\$48.22	\$964.40	\$60.00	\$1,200.00	\$132.00	\$2,640.00	\$70.00	\$1,400.00	\$75.00	\$1,500.00
25	TRIMMING AND CLEANUP	1	L.S.	\$1,100.00	\$1,100.00	\$500.00	\$500.00	\$5,228.02	\$5,228.02	\$600.00	\$600.00	\$2,950.00	\$2,950.00	\$1,500.00	\$1,500.00	\$3,000.00	\$3,000.00
26	FORCE ACCOUNT	1	EST.	\$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
27	REIMBURSEMENT FOR THIRD PARTY DAMAGES	1	EST.	\$500.00	\$500.00	\$500.00	\$500.00	\$500.00	\$500.00	\$500.00	\$500.00	\$500.00	\$500.00	\$500.00	\$500.00	\$500.00	\$500.00
28	SPCC PLAN	1	L.S.	\$750.00	\$750.00	\$500.00	\$500.00	\$657.58	\$657.58	\$600.00	\$600.00	\$275.00	\$275.00	\$500.00	\$500.00	\$1,500.00	\$1,500.00
29	CONTRACT BOND EXTENSION	1	L.S.	\$500.00	\$500.00	\$100.00	\$100.00	\$547.98	\$547.98	\$500.00	\$500.00	\$11,934.00	\$11,934.00	\$500.00	\$500.00	\$7,000.00	\$7,000.00
Subtotal					\$271,706.00		\$234,158.83		\$254,079.38		\$277,396.00		\$285,227.64		\$335,962.00		\$348,710.00
Sales Tax (8.6%)					\$23,366.72		\$20,137.66		\$21,850.83		\$23,856.06		\$24,529.58		\$28,892.73		\$29,989.06
Contingency					\$14,927.28												
Total					\$310,000.00		\$254,296.49		\$275,930.21		\$301,252.06		\$309,757.22		\$364,854.73		\$378,699.06