

Reichhardt & Ebe Engineering, Inc.  
 813 Metcalf Street  
 Sedro-Woolley, WA 98284  
 Phone: (360) 855-1713

Called By: City of Sedro-Woolley  
 For: SR9 TOWNSHIP TRENCHLESS SANITARY SEWER IMPROVEMENT PROJECT  
 Bidder's Name Address  
 Phone  
 Fax  
 By: James L. Hobbs, Jr., P.E.  
 Date: July 9, 2007

**ENGINEER'S ESTIMATE**

**Trenchless Const. Services**  
 4103 241st St. NE  
 Arlington, WA 98223  
 (360) 474-0123

**RAM Construction**  
 4290 Pacific Highway  
 Bellingham, WA 98226  
 (360) 715-8643

**SRV Constuction, Inc.**  
 PO Box 481  
 Oak Harbor, WA 98277  
 (360) 675-7100

**Northwest Boring Co., Inc.**  
 13248 NE 177 PL  
 Woodinville, WA 98072  
 (425) 483-9191

**Trico Contracting, Inc.**  
 PO Box 408  
 Burlington, WA 98233  
 (360) 757-2373

**Granite Northwest, Inc**  
 PO Box 50085  
 Watsonville, CA 95077  
 (831) 724-1011

**BASE BID**

Item No.	Quantity	Unit	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	
1	1	MINOR CHANGES	1	CALC.	\$5,000.00	\$ 5,000.00	\$5,000.00	\$ 5,000.00	\$5,000.00	\$ 5,000.00	\$5,000.00	\$ 5,000.00	\$5,000.00	\$ 5,000.00	\$5,000.00	\$ 5,000.00	
2	1	SPILL PREVENTION PLAN	1	LS	\$500.00	\$ 500.00	\$1,250.00	\$ 1,250.00	\$1,000.00	\$ 1,000.00	\$1,200.00	\$ 1,200.00	\$2,000.00	\$ 2,000.00	\$750.00	\$ 750.00	
3	1	MOBILIZATION	1	LS	\$230,000.00	\$ 230,000.00	\$320,290.00	\$ 320,290.00	\$185,000.00	\$ 185,000.00	\$110,500.00	\$ 110,500.00	\$240,000.00	\$ 240,000.00	\$300,000.00	\$ 300,000.00	
4	2620	FLAGGERS AND SPOTTERS	HR	\$47.00	\$ 118,440.00	\$46.65	\$117,558.00	\$42.00	\$105,840.00	\$44.45	\$112,014.00	\$45.00	\$113,400.00	\$44.00	\$110,880.00	\$59.00	\$148,680.00
5	480	OTHER TRAFFIC CONTROL LABOR	HR	\$47.00	\$ 22,560.00	\$46.65	\$22,392.00	\$42.00	\$20,160.00	\$44.45	\$21,336.00	\$55.00	\$26,400.00	\$56.00	\$26,880.00	\$59.00	\$28,320.00
6	1	PROJECT TEMPORARY TRAFFIC CONTROL	1	LS	\$14,000.00	\$ 14,000.00	\$27,780.00	\$ 27,780.00	\$25,000.00	\$ 25,000.00	\$12,000.00	\$ 12,000.00	\$6,500.00	\$ 6,500.00	\$10,000.00	\$ 10,000.00	
7	1	CLEARING AND GRUBBING	1	LS	\$2,500.00	\$ 2,500.00	\$13,330.00	\$ 13,330.00	\$12,000.00	\$ 12,000.00	\$12,000.00	\$ 12,000.00	\$15,000.00	\$ 15,000.00	\$5,000.00	\$ 5,000.00	
8	1	REMOVAL OF STRUCTURES AND OBSTRUCTIONS	1	LS	\$15,000.00	\$ 15,000.00	\$33,335.00	\$ 33,335.00	\$25,000.00	\$ 25,000.00	\$78,520.20	\$ 78,520.20	\$20,000.00	\$ 20,000.00	\$50,000.00	\$ 50,000.00	
9	13000	SAWCUT ACP	LF-IN	\$2.00	\$ 26,000.00	\$0.85	\$11,050.00	\$0.75	\$9,750.00	\$0.85	\$11,050.00	\$0.35	\$4,550.00	\$0.25	\$3,250.00	\$0.55	\$7,150.00
10	200	SAWCUT PCC	LF-IN	\$3.00	\$ 600.00	\$5.50	\$1,100.00	\$5.00	\$1,000.00	\$1.94	\$388.00	\$2.00	\$400.00	\$0.55	\$110.00	\$0.87	\$174.00
11	3	REMOVE MANHOLE	EA	\$1,000.00	\$ 3,000.00	\$550.00	\$1,650.00	\$500.00	\$1,500.00	\$1,884.80	\$5,654.40	\$1,200.00	\$3,600.00	\$800.00	\$2,400.00	\$1,300.00	\$3,900.00
12	2600	ROADWAY EXCAVATION INCL. HAUL	CY	\$16.00	\$ 41,600.00	\$17.00	\$44,200.00	\$15.00	\$39,000.00	\$12.78	\$33,228.00	\$25.00	\$65,000.00	\$15.00	\$39,000.00	\$19.00	\$49,400.00
13	10	UNSUITABLE FOUNDATION EXCAVATION INCL. HAUL	CY	\$25.00	\$ 250.00	\$84.00	\$840.00	\$75.00	\$750.00	\$6.33	\$63.30	\$100.00	\$1,000.00	\$22.00	\$220.00	\$100.00	\$1,000.00
14	11000	SHORING OR EXTRA EXCAVATION CLASS B, INCL. HAUL	SF	\$0.30	\$ 3,300.00	\$1.40	\$15,400.00	\$1.00	\$11,000.00	\$0.48	\$5,280.00	\$2.50	\$27,500.00	\$1.00	\$11,000.00	\$6.00	\$66,000.00
15	550	CONTROLLED DENSITY FILL	CY	\$100.00	\$ 55,000.00	\$128.00	\$70,400.00	\$116.00	\$63,800.00	\$97.55	\$53,652.50	\$100.00	\$55,000.00	\$150.00	\$82,500.00	\$130.00	\$71,500.00
16	7300	GRAVEL BASE, INCL. HAUL	TON	\$14.00	\$ 102,200.00	\$15.50	\$113,150.00	\$15.00	\$109,500.00	\$12.48	\$91,104.00	\$12.00	\$87,600.00	\$15.00	\$109,500.00	\$15.00	\$109,500.00
17	775	CRUSHED SURFACING TOP COURSE, INCL. HAUL	TON	\$38.00	\$ 29,450.00	\$27.80	\$21,545.00	\$26.00	\$20,350.00	\$37.40	\$28,985.00	\$26.00	\$20,150.00	\$24.00	\$18,600.00	\$33.00	\$25,575.00
18	750	COMMERCIAL HMA	TON	\$110.00	\$ 82,500.00	\$115.00	\$86,250.00	\$115.00	\$86,250.00	\$148.00	\$111,000.00	\$115.00	\$86,250.00	\$110.00	\$82,500.00	\$114.00	\$85,500.00
19	120	PLACING BITUMINOUS PAVEMENT	SY	\$20.00	\$ 2,400.00	\$30.35	\$3,642.00	\$45.00	\$5,400.00	\$36.00	\$4,320.00	\$45.00	\$5,400.00	\$30.00	\$3,600.00	\$35.00	\$4,200.00
20	50	CORRUGATED POLYETHYLENE STORM SEWER PIPE, 8-INCH DIAM	LF	\$45.00	\$ 2,250.00	\$53.75	\$2,687.50	\$48.00	\$2,400.00	\$84.75	\$4,237.50	\$65.00	\$3,250.00	\$36.00	\$1,800.00	\$38.00	\$1,900.00
21	175	CORRUGATED POLYETHYLENE STORM SEWER PIPE, 12-INCH DIAM	LF	\$55.00	\$ 9,625.00	\$38.00	\$6,625.00	\$35.00	\$6,125.00	\$41.15	\$7,201.25	\$65.00	\$11,375.00	\$42.00	\$7,350.00	\$33.00	\$5,775.00
22	1	TESTING STORM SEWER PIPE	1	LS	\$250.00	\$ 250.00	\$2,000.00	\$ 2,000.00	\$1,800.00	\$1,800.00	\$1,170.00	\$1,170.00	\$850.00	\$850.00	\$500.00	\$500.00	
23	1	ADJUSTMENTS TO FINISH GRADE	EA	\$2,000.00	\$ 2,000.00	\$6,667.00	\$6,667.00	\$6,000.00	\$6,000.00	\$5,205.00	\$5,205.00	\$10,000.00	\$10,000.00	\$2,500.00	\$2,500.00		
24	17	MANHOLE, 48-IN. DIAM. TYPE 1, W/ RING AND COVER	EA	\$3,000.00	\$ 51,000.00	\$6,667.00	\$113,339.00	\$5,500.00	\$93,500.00	\$9,560.00	\$162,520.00	\$4,500.00	\$76,500.00	\$6,500.00	\$110,500.00	\$9,900.00	\$168,300.00
25	1	MANHOLE, 60-IN. DIAM. TYPE 1, W/ RING AND COVER	EA	\$6,300.00	\$ 6,300.00	\$9,445.00	\$9,445.00	\$8,500.00	\$8,500.00	\$11,185.00	\$11,185.00	\$7,000.00	\$7,000.00	\$5,500.00	\$5,500.00		
26	1	MANHOLE, 72-IN. DIAM. TYPE 1, W/ RING AND COVER	EA	\$9,000.00	\$ 9,000.00	\$10,555.00	\$10,555.00	\$9,500.00	\$9,500.00	\$12,375.00	\$12,375.00	\$7,000.00	\$7,000.00	\$8,000.00	\$8,000.00		
27	4	CATCH BASIN TYPE 1, W/ FRAME AND GRATE	EA	\$1,250.00	\$ 5,000.00	\$1,111.00	\$4,444.00	\$1,000.00	\$4,000.00	\$1,160.00	\$4,640.00	\$1,250.00	\$5,000.00	\$1,300.00	\$5,200.00		
28	6	CONNECTION TO EXISTING MANHOLE	EA	\$1,000.00	\$ 6,000.00	\$778.00	\$4,668.00	\$700.00	\$4,200.00	\$3,355.00	\$20,130.00	\$1,000.00	\$6,000.00	\$1,750.00	\$10,500.00		
29	5	ABANDON EXISTING MANHOLE	EA	\$800.00	\$ 4,000.00	\$778.00	\$3,890.00	\$800.00	\$4,000.00	\$1,080.00	\$5,400.00	\$1,000.00	\$5,000.00	\$700.00	\$3,500.00		
30	500	ABANDON EXISTING SANITARY SEWER, 6-INCH DIAMETER	LF	\$14.00	\$ 7,000.00	\$7.80	\$3,900.00	\$7.00	\$3,500.00	\$8.00	\$4,000.00	\$7.00	\$3,500.00	\$9.00	\$4,500.00		
31	650	ABANDON EXISTING SANITARY SEWER, 8-INCH DIAMETER	LF	\$25.00	\$ 16,250.00	\$8.90	\$5,785.00	\$9.00	\$5,850.00	\$6.45	\$4,192.50	\$8.00	\$5,200.00	\$16.00	\$10,400.00		
32	680	ABANDON EXISTING SANITARY SEWER, 10-INCH DIAMETER	LF	\$25.00	\$ 17,000.00	\$12.25	\$8,330.00	\$11.50	\$7,820.00	\$8.20	\$5,576.00	\$9.00	\$6,120.00	\$24.00	\$16,320.00		
33	232	ABANDON EXISTING SANITARY SEWER, 15-INCH DIAMETER	LF	\$30.00	\$ 6,960.00	\$23.35	\$5,417.20	\$22.00	\$5,104.00	\$19.00	\$4,408.00	\$14.00	\$3,248.00	\$55.00	\$12,760.00		
34	310	DUCTILE IRON PIPE FOR WATER MAIN, 12-IN DIAM.	LF	\$70.00	\$ 21,700.00	\$66.70	\$20,677.00	\$60.00	\$18,600.00	\$73.00	\$22,630.00	\$85.00	\$26,350.00	\$70.00	\$21,700.00		
35	1	ORTH W/AY WATER LINE CROSSING	1	LS	\$12,000.00	\$ 12,000.00	\$16,666.00	\$16,666.00	\$15,000.00	\$15,000.00	\$33,445.00	\$33,445.00	\$50,000.00	\$50,000.00			
36	1640	GP/TMT WITH SSP, 15-INCH DIAM.	LF	\$300.00	\$ 492,000.00	\$405.50	\$665,020.00	\$500.00	\$820,000.00	\$458.00	\$751,120.00	\$550.00	\$902,000.00	\$465.00	\$762,600.00		
37	624	HDD WITH HDPE DR 9, 12-IN DIAMETER	LF	\$300.00	\$ 187,200.00	\$206.88	\$128,955.84	\$225.00	\$140,400.00	\$254.00	\$158,496.00	\$300.00	\$187,200.00	\$225.00	\$140,400.00		
38	6	SERVICE CONNECTION, 1-IN DIA	EA	\$800.00	\$ 4,800.00	\$933.00	\$4,998.00	\$750.00	\$4,500.00	\$1,715.00	\$10,290.00	\$1,500.00	\$9,000.00	\$1,200.00	\$7,200.00		
39	350	PVC SANITARY SEWER PIPE, 6-INCH DIAMETER, SDR 35	LF	\$70.00	\$ 24,500.00	\$56.60	\$19,810.00	\$55.00	\$19,250.00	\$270.00	\$94,500.00	\$100.00	\$35,000.00	\$30.00	\$10,500.00		
40	120	PVC SANITARY SEWER PIPE, 8-INCH DIAMETER, SDR 35	LF	\$80.00	\$ 9,600.00	\$66.70	\$8,004.00	\$60.00	\$7,200.00	\$278.00	\$33,360.00	\$110.00	\$13,200.00	\$225.00	\$27,000.00		
41	60	PVC SANITARY SEWER PIPE, 18-INCH DIAMETER, SDR 35	LF	\$180.00	\$ 10,800.00	\$139.00	\$8,340.00	\$128.00	\$7,680.00	\$385.00	\$23,100.00	\$130.00	\$7,800.00	\$300.00	\$18,000.00		
42	305	PVC SANITARY SEWER PIPE, 24-INCH DIAMETER, SDR 35	LF	\$210.00	\$ 64,050.00	\$261.00	\$79,605.00	\$240.00	\$73,200.00	\$220.00	\$67,100.00	\$150.00	\$45,750.00	\$338.00	\$103,090.00		
43	200	PVC SANITARY SEWER PIPE, 30-INCH DIAMETER, SDR 35	LF	\$250.00	\$ 50,000.00	\$383.25	\$76,650.00	\$360.00	\$72,000.00	\$265.00	\$53,000.00	\$200.00	\$40,000.00	\$350.00	\$70,000.00		
44	1	TESTING SEWER PIPE	1	LS	\$4,500.00	\$ 4,500.00	\$2,000.00	\$2,000.00	\$1,800.00	\$1,800.00	\$16,000.00	\$16,000.00	\$2,000.00	\$2,000.00			
45	20	SANITARY SIDE SEWER	EA	\$500.00	\$ 10,000.00	\$1,111.00	\$22,220.00	\$1,000.00	\$20,000.00	\$1,400.00	\$28,000.00	\$2,100.00	\$42,000.00	\$3,000.00	\$60,000.00		
46	100	ESC LADE	DAY	\$75.00	\$ 7,500.00	\$88.90	\$8,890.00	\$80.00	\$8,000.00	\$120.00	\$12,000.00	\$25.00	\$2,500.00	\$200.00	\$20,000.00		
47	675	SEEDING AND FERTILIZING	SY	\$7.00	\$ 4,725.00	\$11.65	\$7,863.75	\$10.00	\$6,750.00	\$5.70	\$3,847.50	\$3.00	\$2,025.00	\$2.00	\$1,350.00		
48	100	STREET CLEANING	HR	\$100.00	\$ 10,000.00	\$112.00	\$11,200.00	\$100.00	\$10,000.00	\$90.00	\$9,000.00	\$100.00	\$10,000.00	\$75.00	\$7,500.00		
49	31	INLET PROTECTION	EA	\$80.00	\$ 2,480.00	\$67.00	\$2,077.00	\$75.00	\$2,325.00	\$96.00	\$2,976.00	\$100.00	\$3,100.00	\$55.00	\$1,705.00		
50	1150	CEMENT CONCRETE TRAFFIC CURB AND GUTTER	LF	\$40.00	\$ 46,000.00	\$33.00	\$37,950.00	\$18.00	\$20,700.00	\$21.50	\$24,725.00	\$45.00	\$51,750.00	\$31.00	\$35,650.00		
51	850	CEMENT CONCRETE SIDEWALK	SY	\$65.00	\$ 55,250.00	\$54.00	\$45,900.00	\$48.00	\$40,800.00	\$52.50	\$44,625.00	\$35.00	\$29,750.00	\$55.00	\$47,750.00		
52	4	CEMENT CONCRETE SIDEWALK RAMP TYPE 4A	EA	\$1,600.00	\$ 6,400.00	\$1,635.00	\$6,540.00	\$1,000.00	\$4,000.00	\$1,845.00	\$7,380.00	\$1,000.00	\$4,000.00	\$1,600.00	\$6,400.00		
53	1	CEMENT CONCRETE SIDEWALK RAMP TYPE 4B	EA	\$1,600.00	\$ 1,600.00	\$1,784.00	\$1,784.00	\$1,000.00	\$1,000.00	\$2,080.00	\$2,080.00	\$1,500.00	\$				

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813 Metcalf Street  
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Phone: (360) 855-1713

Called By: City of Sedro-Woolley  
For: SR9 TOWNSHIP TRENCHLESS SANITARY SEWER IMPROVEMENT PROJECT

Bidder's Name: ENGINEER'S ESTIMATE  
Address: Trenchless Const. Services  
4103 241st St. NE  
Arlington, WA 98223  
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PO Box 50085  
Watsonville, CA 95077  
(831) 724-1011

By: James L. Hobbs, Jr., P.E.  
Date: July 9, 2007

CERTIFIED TABULATION OF BIDS RECEIVED

BASE BID

Item No.	Quantity	Unit	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
58	2	EA	\$500.00	\$ 1,000.00	\$390.00	\$780.00	\$350.00	\$700.00	\$368.00	\$736.00	\$1,000.00	\$2,000.00	\$450.00	\$900.00	\$500.00	\$1,000.00
59	13	EA	\$300.00	\$ 3,900.00	\$167.00	\$2,171.00	\$150.00	\$1,950.00	\$415.00	\$5,395.00	\$400.00	\$5,200.00	\$275.00	\$3,575.00	\$400.00	\$5,200.00
60	1	CALC	\$80,000.00	\$ 80,000.00	\$80,000.00	\$80,000.00	\$80,000.00	\$80,000.00	\$80,000.00	\$80,000.00	\$80,000.00	\$80,000.00	\$80,000.00	\$80,000.00	\$80,000.00	\$80,000.00
SUB-TOTAL BASE BID				\$ 2,008,430.00		\$2,352,170.79		\$2,268,799.00		\$2,435,203.15		\$2,491,438.00		\$2,524,300.00		\$2,593,273.00
SALES TAX (ITEMS 11,24-26,28-45)				\$81,188.80	***	\$97,482.80	***	\$107,345.92		\$121,810.55		\$118,573.44		\$114,909.60		\$114,518.72
TOTAL BASE BID				\$2,089,618.80		\$2,449,653.59		\$2,376,144.92		\$2,557,013.70		\$2,610,011.44		\$2,639,209.60		\$2,707,791.72

Key: \*\*\*\*\* = Error in Tax

ALTERNATE 1

Item No.	Quantity	Unit	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
61	1732	LF	\$350.00	\$606,200.00	\$486.00	\$841,752.00	\$572.00	\$990,704.00	\$484.00	\$838,288.00	\$470.00	\$814,040.00	\$480.00	\$831,360.00	\$505.00	\$874,660.00
TOTAL BASE BID				\$606,200.00		\$841,752.00		\$990,704.00		\$838,288.00		\$814,040.00		\$831,360.00		\$874,660.00
SALES TAX (ITEM 61)				\$48,496.00		\$67,340.16		\$79,256.32		\$67,063.04		\$85,123.20		\$66,508.80		\$69,972.80
TOTAL BASE BID				\$654,696.00		\$909,092.16		\$1,069,960.32		\$905,351.04		\$899,163.20		\$897,868.80		\$944,632.80

ALTERNATE 2

Item No.	Quantity	Unit	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
62	1732	LF	\$415.00	\$718,780.00	\$502.00	\$869,464.00	\$600.00	\$1,039,200.00	\$497.00	\$860,804.00	\$487.00	\$843,484.00	\$495.00	\$857,340.00	\$516.00	\$889,712.00
TOTAL BASE BID				\$718,780.00		\$869,464.00		\$1,039,200.00		\$860,804.00		\$843,484.00		\$857,340.00		\$889,712.00
SALES TAX (ITEM 62)				\$57,502.40		\$69,557.12		\$83,136.00		\$68,864.32		\$67,478.72		\$68,587.20		\$71,496.96
TOTAL BASE BID				\$776,282.40		\$939,021.12		\$1,122,336.00		\$929,668.32		\$910,962.72		\$925,927.20		\$961,208.96

Totals

Base Bid + Alternate 1 (including tax)	\$2,744,314.80	\$3,358,745.75	\$3,446,105.24	\$3,462,364.74	\$3,489,174.64	\$3,537,078.40	\$3,652,424.52
Base Bid + Alternate 2 (including tax)	\$2,865,901.20	\$3,388,674.71	\$3,498,480.92	\$3,486,682.02	\$3,520,974.16	\$3,565,136.80	\$3,673,000.68

