



**Contract 2009-02 Sewer Projects**

**ENGINEER'S ESTIMATE & BID TABULATION**

Item No.	Description	Units	Quantity	ENGINEER'S ESTIMATE		1 Shoreline Construction		2 Buno Construction		3 Interwest Construction		4 Mosbrucker Excavating		5 Durnford & Sons	
				Unit Price	Contract Amount	Unit Price	Contract Amount	Unit Price	Contract Amount	Unit Price	Contract Amount	Unit Price	Contract Amount	Unit Price	Contract Amount
<b>SCHEDULE A - 204/80 Sewer</b>															
						Cost per LF (w/tax) \$ 172,590.60									
1	Mobilization	LS	1	\$ 20,000.00	\$ 20,000.00	\$ 18,000.00	\$ 18,000.00	\$ 10,000.00	\$ 10,000.00	\$ 14,762.80	\$ 14,762.80	\$ 20,000.00	\$ 20,000.00	\$ 20,000.00	\$ 20,000.00
2	Temporary Erosion And Sedimentation Control	LS	1	\$ 2,500.00	\$ 2,500.00	\$ 500.00	\$ 500.00	\$ 2,500.00	\$ 2,500.00	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 12,500.00	\$ 12,500.00
3	6" PVC Side Sewer Pipe	LF	360	\$ 65.00	\$ 23,400.00	\$ 50.00	\$ 18,000.00	\$ 80.00	\$ 28,800.00	\$ 60.00	\$ 21,600.00	\$ 50.00	\$ 18,000.00	\$ 70.00	\$ 25,200.00
4	8" Ductile Iron Sewer Pipe	LF	590	\$ 95.00	\$ 56,050.00	\$ 90.00	\$ 53,100.00	\$ 112.00	\$ 66,080.00	\$ 100.00	\$ 59,000.00	\$ 85.00	\$ 50,150.00	\$ 119.00	\$ 70,210.00
5	48" Manhole	EA	5	\$ 6,000.00	\$ 30,000.00	\$ 4,500.00	\$ 22,500.00	\$ 4,000.00	\$ 20,000.00	\$ 4,000.00	\$ 20,000.00	\$ 4,000.00	\$ 20,000.00	\$ 3,000.00	\$ 15,000.00
6	48" Manhole, Extra Depth	VF	30	\$ 200.00	\$ 6,000.00	\$ 50.00	\$ 1,500.00	\$ 120.00	\$ 3,600.00	\$ 100.00	\$ 3,000.00	\$ 350.00	\$ 10,500.00	\$ 1.00	\$ 30.00
7	Connection To Existing Sewer System	EA	1	\$ 4,000.00	\$ 4,000.00	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 2,500.00	\$ 2,500.00	\$ 2,500.00	\$ 2,500.00	\$ 8,000.00	\$ 8,000.00
8	Imported Foundation Gravel (If Required)	TONS	310	\$ 20.00	\$ 6,200.00	\$ 1.00	\$ 310.00	\$ 0.01	\$ 3.10	\$ 16.00	\$ 4,960.00	\$ 20.00	\$ 6,200.00	\$ 1.00	\$ 310.00
9	Imported Backfill Gravel (If Required)	TONS	1,200	\$ 18.00	\$ 21,600.00	\$ 1.00	\$ 1,200.00	\$ 10.00	\$ 12,000.00	\$ 18.00	\$ 21,600.00	\$ 16.00	\$ 19,200.00	\$ 25.00	\$ 30,000.00
10	Crushed Rock	TONS	235	\$ 25.00	\$ 5,875.00	\$ 18.00	\$ 4,230.00	\$ 20.00	\$ 4,700.00	\$ 25.00	\$ 5,875.00	\$ 22.00	\$ 5,170.00	\$ 28.00	\$ 6,580.00
11	Road Reconstruction	TONS	200	\$ 175.00	\$ 35,000.00	\$ 140.00	\$ 28,000.00	\$ 100.00	\$ 20,000.00	\$ 110.00	\$ 22,000.00	\$ 200.00	\$ 40,000.00	\$ 100.00	\$ 20,000.00
12	Trench Safety System	LS	1	\$ 5,000.00	\$ 5,000.00	\$ 3,000.00	\$ 3,000.00	\$ 10,000.00	\$ 10,000.00	\$ 5,000.00	\$ 5,000.00	\$ 3,000.00	\$ 3,000.00	\$ 12,500.00	\$ 12,500.00
13	General Restoration	LS	1	\$ 5,000.00	\$ 5,000.00	\$ 3,000.00	\$ 3,000.00	\$ 5,000.00	\$ 5,000.00	\$ 6,000.00	\$ 6,000.00	\$ 15,000.00	\$ 15,000.00	\$ 1,000.00	\$ 1,000.00
<b>SUBTOTAL</b>				<b>\$ 220,625.00</b>		<b>\$ 158,340.00</b>		<b>\$ 187,683.10</b>		<b>\$ 191,297.80</b>		<b>\$ 214,720.00</b>		<b>\$ 221,330.00</b>	

<b>SCHEDULE B - 177/86 Sewer</b>															
						Cost per LF (w/tax) \$ 54,336.50									
1	Tree Removal	EA	1	\$ 1,500.00	\$ 1,500.00	\$ 2,000.00	\$ 2,000.00	\$ 2,000.00	\$ 2,000.00	\$ 2,500.00	\$ 2,500.00	\$ 2,500.00	\$ 2,500.00	\$ 1,000.00	\$ 1,000.00
2	Structure Relocation (Shed)	LS	1	\$ 1,700.00	\$ 1,700.00	\$ 2,000.00	\$ 2,000.00	\$ 2,000.00	\$ 2,000.00	\$ 2,500.00	\$ 2,500.00	\$ 1,000.00	\$ 1,000.00	\$ 3,000.00	\$ 3,000.00
3	Temporary Erosion And Sedimentation Control	LS	1	\$ 2,000.00	\$ 2,000.00	\$ 3,000.00	\$ 3,000.00	\$ 1,200.00	\$ 1,200.00	\$ 3,000.00	\$ 3,000.00	\$ 5,000.00	\$ 5,000.00	\$ 1,000.00	\$ 1,000.00
4	8" Ductile Iron Sewer Pipe	LF	240	\$ 80.00	\$ 19,200.00	\$ 90.00	\$ 21,600.00	\$ 95.00	\$ 22,800.00	\$ 100.00	\$ 24,000.00	\$ 70.00	\$ 16,800.00	\$ 125.00	\$ 30,000.00
5	6" PVC Side Sewer Pipe	LF	30	\$ 55.00	\$ 1,650.00	\$ 130.00	\$ 3,900.00	\$ 80.00	\$ 2,400.00	\$ 60.00	\$ 1,800.00	\$ 50.00	\$ 1,500.00	\$ 50.00	\$ 1,500.00
6	48" Manhole	EA	1	\$ 4,000.00	\$ 4,000.00	\$ 4,500.00	\$ 4,500.00	\$ 3,500.00	\$ 3,500.00	\$ 4,000.00	\$ 4,000.00	\$ 3,500.00	\$ 3,500.00	\$ 3,500.00	\$ 3,500.00
7	Inside Drop Connection	EA	1	\$ 2,000.00	\$ 2,000.00	\$ 800.00	\$ 800.00	\$ 1,200.00	\$ 1,200.00	\$ 2,000.00	\$ 2,000.00	\$ 2,500.00	\$ 2,500.00	\$ 1,500.00	\$ 1,500.00
8	Connection To Existing Sewer System	EA	1	\$ 3,500.00	\$ 3,500.00	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 2,500.00	\$ 2,500.00	\$ 1,000.00	\$ 1,000.00	\$ 3,000.00	\$ 3,000.00
9	Imported Foundation Gravel (If Required)	TONS	80	\$ 20.00	\$ 1,600.00	\$ 1.00	\$ 80.00	\$ 0.01	\$ 0.80	\$ 16.00	\$ 1,280.00	\$ 30.00	\$ 2,400.00	\$ 1.00	\$ 80.00
10	Imported Backfill Gravel (If Required)	TONS	490	\$ 18.00	\$ 8,820.00	\$ 1.00	\$ 490.00	\$ 0.01	\$ 4.90	\$ 18.00	\$ 8,820.00	\$ 5.00	\$ 2,450.00	\$ 1.00	\$ 490.00
11	Crushed Rock	TONS	30	\$ 25.00	\$ 750.00	\$ 16.00	\$ 480.00	\$ 20.00	\$ 600.00	\$ 25.00	\$ 750.00	\$ 10.00	\$ 300.00	\$ 50.00	\$ 1,500.00
12	Trench Safety System	LS	1	\$ 1,500.00	\$ 1,500.00	\$ 1,000.00	\$ 1,000.00	\$ 5,000.00	\$ 5,000.00	\$ 2,500.00	\$ 2,500.00	\$ 1,000.00	\$ 1,000.00	\$ 10,000.00	\$ 10,000.00
13	General Restoration	LS	1	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 10,000.00	\$ 10,000.00	\$ 3,500.00	\$ 3,500.00	\$ 10,000.00	\$ 10,000.00	\$ 5,500.00	\$ 5,500.00
<b>SUBTOTAL</b>				<b>\$ 53,220.00</b>		<b>\$ 49,850.00</b>		<b>\$ 55,705.70</b>		<b>\$ 59,150.00</b>		<b>\$ 49,950.00</b>		<b>\$ 62,070.00</b>	

SUMMARY OF BID							
SUBTOTAL, SCHEDULE "A" Sewer		\$ 220,625.00	\$ 158,340.00	\$ 187,683.10	\$ 191,297.80	\$ 214,720.00	\$ 221,330.00
SUBTOTAL, SCHEDULE "B" Sewer		\$ 53,220.00	\$ 49,850.00	\$ 55,705.70	\$ 59,150.00	\$ 49,950.00	\$ 62,070.00
<b>SUBTOTAL BID</b>		<b>\$ 273,845.00</b>	<b>\$ 208,190.00</b>	<b>\$ 243,388.80</b>	<b>\$ 250,447.80</b>	<b>\$ 264,670.00</b>	<b>\$ 283,400.00</b>
SALES TAX @ 9.5%		\$ 26,015.28	\$ 19,778.05	\$ 23,121.94	\$ 23,792.54	\$ 25,143.65	\$ 26,923.00
<b>TOTAL BID</b>		<b>\$ 299,860.28</b>	<b>\$ 227,968.05</b>	<b>\$ 266,510.74</b>	<b>\$ 274,240.34</b>	<b>\$ 289,813.65</b>	<b>\$ 310,323.00</b>

**TOTAL SEWER FUND \$ 299,860.28**



**Contract 2009-02 Sewer Projects**

**ENGINEER'S ESTIMATE & BID TABULATION**

Item No.	Description	Units	Quantity	ENGINEER'S ESTIMATE		6 Hos Brothers		7 Universal Land		Average Bid not incl. Engr. Est.	
				Unit Price	Contract Amount	Unit Price	Contract Amount	Unit Price	Contract Amount	Unit Price	Contract Amount
<b>SCHEDULE A - 204/80 Sewer</b>											
<b>Cc</b>											
1	Mobilization	LS	1	\$ 20,000.00	\$ 20,000.00	\$ 19,056.60	\$ 19,056.60	\$ 22,485.00	\$ 22,485.00	\$ 17,757.77	\$ 17,757.77
2	Temporary Erosion And Sedimentation Control	LS	1	\$ 2,500.00	\$ 2,500.00	\$ 1,020.00	\$ 1,020.00	\$ 3,050.00	\$ 3,050.00	\$ 4,224.29	\$ 4,224.29
3	6" PVC Side Sewer Pipe	LF	360	\$ 65.00	\$ 23,400.00	\$ 108.61	\$ 39,099.60	\$ 80.00	\$ 28,800.00	\$ 71.23	\$ 25,642.80
4	8" Ductile Iron Sewer Pipe	LF	590	\$ 95.00	\$ 56,050.00	\$ 105.79	\$ 62,416.10	\$ 148.00	\$ 87,320.00	\$ 108.54	\$ 64,039.44
5	48" Manhole	EA	5	\$ 6,000.00	\$ 30,000.00	\$ 2,549.96	\$ 12,749.80	\$ 4,500.00	\$ 22,500.00	\$ 3,792.85	\$ 18,964.26
6	48" Manhole, Extra Depth	VF	30	\$ 200.00	\$ 6,000.00	\$ 247.56	\$ 7,426.80	\$ 275.00	\$ 8,250.00	\$ 163.37	\$ 4,900.97
7	Connection To Existing Sewer System	EA	1	\$ 4,000.00	\$ 4,000.00	\$ 1,493.89	\$ 1,493.89	\$ 5,000.00	\$ 5,000.00	\$ 4,213.41	\$ 4,213.41
8	Imported Foundation Gravel (If Required)	TONS	310	\$ 20.00	\$ 6,200.00	\$ 26.56	\$ 8,233.60	\$ 0.01	\$ 3.10	\$ 9.23	\$ 2,859.97
9	Imported Backfill Gravel (If Required)	TONS	1,200	\$ 18.00	\$ 21,600.00	\$ 18.89	\$ 22,668.00	\$ 18.90	\$ 22,680.00	\$ 15.40	\$ 18,478.29
10	Crushed Rock	TONS	235	\$ 25.00	\$ 5,875.00	\$ 19.59	\$ 4,603.65	\$ 28.00	\$ 6,580.00	\$ 22.94	\$ 5,391.24
11	Road Reconstruction	TONS	200	\$ 175.00	\$ 35,000.00	\$ 177.42	\$ 35,484.00	\$ 166.00	\$ 33,200.00	\$ 141.92	\$ 28,383.43
12	Trench Safety System	LS	1	\$ 5,000.00	\$ 5,000.00	\$ 4,993.92	\$ 4,993.92	\$ 1,000.00	\$ 1,000.00	\$ 5,641.99	\$ 5,641.99
13	General Restoration	LS	1	\$ 5,000.00	\$ 5,000.00	\$ 6,069.00	\$ 6,069.00	\$ 7,000.00	\$ 7,000.00	\$ 6,152.71	\$ 6,152.71
<b>SUBTOTAL</b>				<b>\$ 220,625.00</b>		<b>\$ 225,314.96</b>		<b>\$ 247,868.10</b>		<b>\$ 206,650.57</b>	

<b>SCHEDULE B - 177/86 Sewer</b>											
<b>Cc</b>											
1	Tree Removal	EA	1	\$ 1,500.00	\$ 1,500.00	\$ 1,530.00	\$ 1,530.00	\$ 5,000.00	\$ 5,000.00	\$ 2,361.43	\$ 2,361.43
2	Structure Relocation (Shed)	LS	1	\$ 1,700.00	\$ 1,700.00	\$ 1,493.99	\$ 1,493.99	\$ 1,500.00	\$ 1,500.00	\$ 1,927.71	\$ 1,927.71
3	Temporary Erosion And Sedimentation Control	LS	1	\$ 2,000.00	\$ 2,000.00	\$ 765.00	\$ 765.00	\$ 2,500.00	\$ 2,500.00	\$ 2,352.14	\$ 2,352.14
4	8" Ductile Iron Sewer Pipe	LF	240	\$ 80.00	\$ 19,200.00	\$ 62.40	\$ 14,976.00	\$ 110.00	\$ 26,400.00	\$ 93.20	\$ 22,368.00
5	6" PVC Side Sewer Pipe	LF	30	\$ 55.00	\$ 1,650.00	\$ 43.03	\$ 1,290.90	\$ 40.00	\$ 1,200.00	\$ 64.72	\$ 1,941.56
6	48" Manhole	EA	1	\$ 4,000.00	\$ 4,000.00	\$ 2,440.86	\$ 2,440.86	\$ 4,500.00	\$ 4,500.00	\$ 3,705.84	\$ 3,705.84
7	Inside Drop Connection	EA	1	\$ 2,000.00	\$ 2,000.00	\$ 2,269.71	\$ 2,269.71	\$ 1,100.00	\$ 1,100.00	\$ 1,624.24	\$ 1,624.24
8	Connection To Existing Sewer System	EA	1	\$ 3,500.00	\$ 3,500.00	\$ 983.28	\$ 983.28	\$ 3,500.00	\$ 3,500.00	\$ 2,997.61	\$ 2,997.61
9	Imported Foundation Gravel (If Required)	TONS	80	\$ 20.00	\$ 1,600.00	\$ 27.28	\$ 2,182.40	\$ 0.01	\$ 0.80	\$ 10.76	\$ 860.57
10	Imported Backfill Gravel (If Required)	TONS	490	\$ 18.00	\$ 8,820.00	\$ 22.72	\$ 11,132.80	\$ 15.00	\$ 7,350.00	\$ 8.96	\$ 4,391.10
11	Crushed Rock	TONS	30	\$ 25.00	\$ 750.00	\$ 22.77	\$ 683.10	\$ 28.00	\$ 840.00	\$ 24.54	\$ 736.16
12	Trench Safety System	LS	1	\$ 1,500.00	\$ 1,500.00	\$ 777.24	\$ 777.24	\$ 500.00	\$ 500.00	\$ 2,968.18	\$ 2,968.18
13	General Restoration	LS	1	\$ 5,000.00	\$ 5,000.00	\$ 32,940.37	\$ 32,940.37	\$ 22,000.00	\$ 22,000.00	\$ 12,705.77	\$ 12,705.77
<b>SUBTOTAL</b>				<b>\$ 53,220.00</b>		<b>\$ 73,465.65</b>		<b>\$ 76,390.80</b>		<b>\$ 60,940.31</b>	

<b>SUMMARY OF BID</b>					
SUBTOTAL, SCHEDULE "A" Sewer		\$ 220,625.00	\$ 225,314.96	\$ 247,868.10	\$ 206,650.57
SUBTOTAL, SCHEDULE "B" Sewer		\$ 53,220.00	\$ 73,465.65	\$ 76,390.80	\$ 60,940.31
<b>SUBTOTAL BID</b>		<b>\$ 273,845.00</b>	<b>\$ 298,780.61</b>	<b>\$ 324,258.90</b>	<b>\$ 267,590.87</b>
SALES TAX @ 9.5%		\$ 26,015.28	\$ 28,384.16	\$ 30,804.60	\$ 25,421.13
<b>TOTAL BID</b>		<b>\$ 299,860.28</b>	<b>\$ 327,164.77</b>	<b>\$ 355,063.50</b>	<b>\$ 293,012.01</b>

**TOTAL SEWER FUND \$ 299,860.28**