

Labor Rate Table - 1stQtr2010 Open
Equipment Rate Table - 1stQtr2010
City Index - 827-WY-NEWCASTLE

Gillette WY
Conceptual
Bid Item Report

			Total	
Description	Quantity	Unit Cost	Amount	
3.01.1 WARD CREEK LINE 1				
DIVISION 02 SITE CONSTRUCTION				
02950.100	Site Restoration & Rehabilitation - Aggregate Base Course Trench	410.00 sy	15.73 /sy	6,449
02950.200	Site Restoration & Rehabilitation - Asphalt and Base Course Trench	50.00 sy	82.22 /sy	4,111
DIVISION 02 SITE CONSTRUCTION				10,560
56.370	Labor hours			
21.663	Equipment hours			
DIVISION 11 EQUIPMENT				
11921.000	Chemical Feed: Gas Systems (Chlorine, Sulphur Dioxide, Ammonia)	1.00 ea	78,254.62 /ea	78,255
DIVISION 11 EQUIPMENT				78,255
DIVISION 13 SPECIAL CONSTRUCTION				
13421.000	Welded Steel Tanks	250,000.00 gal	1.49 /gal	372,597
DIVISION 13 SPECIAL CONSTRUCTION				372,597
DIVISION 15 MECHANICAL				
02221.000	Trenching, Backfilling and Compacting for Utilities	47,010.00 cy	50.541/cy	2,375,937
02445.008	Horizontal Bore and Jack - 8" PVC_DIP	1,050.00 lf	773.553/lf	812,230
15061.800	Pipe: Steel- 26" and larger Wet Taps with Valve	2.00 ea	6,368.94 /ea	12,738

AACE Classification Accuracy Range

Upper Range +40%

Lower Range -20%

Labor Rate Table - 1stQtr2010 Open

Equipment Rate Table - 1stQtr2010

City Index - 827-WY-NEWCASTLE

Gillette WY

Conceptual

Bid Item Report

Description		Quantity	Unit Cost	Amount
Total				
15062.500	Pipe: Ductile Fittings with PVC Pipe	64.00 ea	4,641.383/ea	297,048
15064.200	Pipe: Plastic, C900 with DIP fittings	31,285.00 lf	16.90 /lf	528,554
15101.000	Gate Valves	14.00 ea	1,598.973/ea	22,386
15114.006	Master Meter Vault with Bypass Complete - 6"	3.00 ea	46,904.73 /ea	140,714
15114.108	Air Valve Assembly Complete - 8"	5.00 ea	6,338.884/ea	31,694
15114.208	Altitude Valve Complete - 8"	1.00 ea	57,612.64 /ea	57,613
15114.308	Blowoff Permanent Complete - 8"	11.00 ea	10,901.47 /ea	119,916
15114.408	Tank Connection Complete - 8"	1.00 ea	12,288.81 /ea	12,289
15114.508	Pipe Encasement - 8"	355.00 lf	39.561/lf	14,044
15114.580	Ditch Cutoff Wall <14" Pipe	2.00 ea	1,251.44 /ea	2,503
15114.716	Open Cut Steel Casing Pipe - 16" ID	30.00 lf	604.09 /lf	18,123
DIVISION 15 MECHANICAL				4,445,789
46,120.182	Labor hours			
10,552.683	Equipment hours			

3.01.1 WARD CREEK LINE 1

156.86 /LF

4,907,201

31,285.00 LF

46,176.552 Labor hours

10,574.35 Equipment hours

3.01.2

WARD CREEK LINE 2

DIVISION 02

SITE CONSTRUCTION

02950.100

Site Restoration & Rehabilitation - Aggregate Base Course Trench

60.00 sy

15.731/sy

944

AACE Classification Accuracy Range

Upper Range +40%

Lower Range -20%

Labor Rate Table - 1stQtr2010 Open

Equipment Rate Table - 1stQtr2010

City Index - 827-WY-NEWCASTLE

Gillette WY

Conceptual

Bid Item Report

			Total	
Description	Quantity		Unit Cost	Amount
DIVISION 02 SITE CONSTRUCTION				944
2.881	Labor hours			
2.080	Equipment hours			
DIVISION 11 EQUIPMENT				78,255
11921.000	Chemical Feed: Gas Systems (Chlorine, Sulphur Dioxide, Ammonia)	1.00 ea	78,254.62 /ea	78,255
DIVISION 15 MECHANICAL				436,349
02221.000	Trenching, Backfilling and Compacting for Utilities	2,947.00 cy	52.564/cy	154,905
02445.006	Horizontal Bore and Jack - 6" PVC_DIP	100.00 lf	785.024/lf	78,502
15061.800	Pipe: Steel- 26" and larger Wet Taps with Valve	2.00 ea	4,010.55 /ea	8,021
15062.500	Pipe: Ductile Fittings with PVC Pipe	18.00 ea	4,107.571/ea	73,936
15064.200	Pipe: Plastic, C900 with DIP fittings	2,060.00 lf	10.54 /lf	21,708
15101.000	Gate Valves	3.00 ea	1,046.40 /ea	3,139
15114.004	Master Meter Vault with Bypass Complete - 4"	1.00 ea	36,370.160/ea	36,370
15114.206	Altitude Valve Complete - 6"	1.00 ea	49,886.53 /ea	49,887
15114.406	Tank Connection Complete - 6"	1.00 ea	9,880.61 /ea	9,881
DIVISION 15 MECHANICAL				436,349
3,726.61	Labor hours			
1,098.91	Equipment hours			

AACE Classification Accuracy Range

Upper Range +40%

Lower Range -20%

Labor Rate Table - 1stQtr2010 Open
Equipment Rate Table - 1stQtr2010
City Index - 827-WY-NEWCASTLE

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Bid Item Report

Description	Quantity	Unit Cost	Total	
			Amount	
3.01.2 WARD CREEK LINE 2			250.27 /LF	515,548
	2,060.00 LF			
	3,729.490 Labor hours			
	1,100.99 Equipment hours			
3.02.1 MEADOW SPRINGS LINE 1				
DIVISION 02 SITE CONSTRUCTION				
02950.100	Site Restoration & Rehabilitation - Aggregate Base Course Trench	550.00 sy	15.73 /sy	8,652
DIVISION 02 SITE CONSTRUCTION				8,652
	26.41 Labor hours			
	19.07 Equipment hours			
DIVISION 15 MECHANICAL				
02221.000	Trenching, Backfilling and Compacting for Utilities	30,537.00 cy	50.931/cy	1,555,273
02445.012	Horizontal Bore and Jack - 12" PVC_DIP	650.00 lf	781.71 /lf	508,109
15061.800	Pipe: Steel- 26" and larger Wet Taps with Valve	2.00 ea	7,676.39 /ea	15,353
15062.500	Pipe: Ductile Fittings with PVC Pipe	60.00 ea	3,322.09 /ea	199,325
15064.200	Pipe: Plastic, C900 with DIP fittings	20,170.00 lf	20.07 /lf	404,818
15101.000	Gate Valves	11.00 ea	1,877.41 /ea	20,652

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Lower Range -20%

Labor Rate Table - 1stQtr2010 Open

Equipment Rate Table - 1stQtr2010

City Index - 827-WY-NEWCASTLE

Gillette WY

Conceptual

Bid Item Report

Description		Quantity	Unit Cost	Amount
Total				
15114.004	Master Meter Vault with Bypass Complete - 4"	3.00 ea	36,370.23 /ea	109,111
15114.106	Air Valve Assembly Complete - 6"	1.00 ea	6,212.83 /ea	6,213
15114.108	Air Valve Assembly Complete - 8"	1.00 ea	6,338.87 /ea	6,339
15114.112	Air Valve Assembly Complete - 12"	1.00 ea	6,590.89 /ea	6,591
15114.206	Altitude Valve Complete - 6"	3.00 ea	49,886.53 /ea	149,660
15114.208	Altitude Valve Complete - 8"			57,613
15114.306	Blowoff Permanent Complete - 6"	3.00 ea	10,513.49 /ea	31,540
15114.308	Blowoff Permanent Complete - 8"	2.00 ea	10,901.51 /ea	21,803
15114.312	Blowoff Permanent Complete - 12"	2.00 ea	11,784.32 /ea	23,569
15114.406	Tank Connection Complete - 6"	3.00 ea	9,880.61 /ea	29,642
15114.512	Pipe Encasement - 12"	150.00 lf	56.85 /lf	8,527
15114.580	Ditch Cutoff Wall <14" Pipe	4.00 ea	1,251.443/ea	5,006
15114.714	Open Cut Steel Casing Pipe - 14" ID	200.00 lf	572.10 /lf	114,419
15114.716	Open Cut Steel Casing Pipe - 16" ID	280.00 lf	604.091/lf	169,146
DIVISION 15 MECHANICAL				3,442,706
33,701.112	Labor hours			
7,280.75	Equipment hours			

3.02.1 MEADOW SPRINGS LINE 1

171.113/LF 3,451,358

20,170.00 LF

33,727.52 Labor hours
7,299.82 Equipment hours

3.02.2

MEADOW SPRINGS LINE 2

DIVISION 02

SITE CONSTRUCTION

ACE Classification Accuracy Range

Upper Range +40%

Lower Range -20%

Labor Rate Table - 1stQtr2010 Open

Equipment Rate Table - 1stQtr2010

City Index - 827-WY-NEWCASTLE

Gillette WY
Conceptual
Bid Item Report

Description		Quantity	Unit Cost	Total	Amount
02950.100	Site Restoration & Rehabilitation - Aggregate Base Course Trench	150.00 sy	15.73 /sy		2,360
DIVISION 02 SITE CONSTRUCTION					2,360
7.202	Labor hours				
5.201	Equipment hours				
DIVISION 15 MECHANICAL					
02221.000	Trenching, Backfilling and Compacting for Utilities	7,437.00 cy	50.54 /cy		375,867
15062.500	Pipe: Ductile Fittings with PVC Pipe	7.00 ea	4,617.45 /ea		32,322
15064.200	Pipe: Plastic, C900 with DIP fittings	4,940.00 lf	16.90 /lf		83,460
15101.000	Gate Valves	3.00 ea	1,422.61 /ea		4,268
15114.006	Master Meter Vault with Bypass Complete - 6"	1.00 ea	46,904.75 /ea		46,905
15114.108	Air Valve Assembly Complete - 8"	1.00 ea	6,338.86 /ea		6,339
15114.208	Altitude Valve Complete - 8"	1.00 ea	57,612.63 /ea		57,613
15114.308	Blowoff Permanent Complete - 8"	2.00 ea	10,901.50 /ea		21,803
15114.408	Tank Connection Complete - 8"	1.00 ea	12,288.84 /ea		12,289
15114.716	Open Cut Steel Casing Pipe - 16" ID	60.00 lf	604.091/lf		36,245
DIVISION 15 MECHANICAL					677,110
7,047.03	Labor hours				
1,487.29	Equipment hours				
3.02.2 MEADOW SPRINGS LINE 2			137.55 /LF		679,470
4,940.00 LF					
7,054.23	Labor hours				
1,492.49	Equipment hours				

AACE Classification Accuracy Range

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Lower Range -20%

Labor Rate Table - 1stQtr2010 Open

Equipment Rate Table - 1stQtr2010

City Index - 827-WY-NEWCASTLE

Gillette WY
Conceptual
Bid Item Report

			Total	
Description	Quantity	Unit Cost	Amount	
3.03.1 NICKLESON FARMS LINE 1				
DIVISION 11	EQUIPMENT			
11308.000	Package Potable Water Pumping Station	250.00 gpm	2,326.27 /gpm	581,567
DIVISION 11 EQUIPMENT				581,567
200.77	Labor hours			
17.483	Equipment hours			
DIVISION 15	MECHANICAL			
02221.000	Trenching, Backfilling and Compacting for Utilities	44,285.00 cy	49.22 /cy	2,179,466
15061.800	Pipe: Steel- 26" and larger Wet Taps with Valve	1.00 ea	7,923.27 /ea	7,923
15062.000	Pipe: Ductile			63,443
15062.500	Pipe: Ductile Fittings with PVC Pipe	43.00 ea	1,754.87 /ea	75,459
15064.200	Pipe: Plastic, C900 with DIP fittings	28,000.00 lf	28.732/lf	804,502
15101.000	Gate Valves	13.00 ea	2,048.463/ea	26,630
15114.008	Master Meter Vault with Bypass Complete - 8"	1.00 ea	68,989.67 /ea	68,990
15114.108	Air Valve Assembly Complete - 8"			13,453
15114.112	Air Valve Assembly Complete - 12"	5.00 ea	3,954.32 /ea	19,772
15114.212	Altitude Valve Complete - 12"	1.00 ea	78,842.27 /ea	78,842
15114.308	Blowoff Permanent Complete - 8"			32,409
15114.312	Blowoff Permanent Complete - 12"	10.00 ea	8,249.131/ea	82,491
15114.412	Tank Connection Complete - 12"	1.00 ea	19,274.34 /ea	19,274

AACE Classification Accuracy Range

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Lower Range -20%

Labor Rate Table - 1stQtr2010 Open

Equipment Rate Table - 1stQtr2010

City Index - 827-WY-NEWCASTLE

Gillette WY
Conceptual
Bid Item Report

			Total		
Description	Quantity		Unit Cost	Amount	
15114.512	Pipe Encasement - 12"	250.00	lf	56.85 /lf	14,211
15114.580	Ditch Cutoff Wall <14" Pipe	4.00	ea	1,251.443/ea	5,006
15114.718	Open Cut Steel Casing Pipe - 18" ID	80.00	lf	683.03 /lf	54,642
DIVISION 15 MECHANICAL					3,546,515
36,863.02	Labor hours				
7,720.68	Equipment hours				

3.03.1 NICKLESON FARMS LINE 1 **147.432/LF** **4,128,082**

28,000.00 LF
37,063.782 Labor hours
7,738.16 Equipment hours

3.03.2 NICKLESON FARMS LINE 2

DIVISION 02		SITE CONSTRUCTION			
02950.100	Site Restoration & Rehabilitation - Aggregate Base Course Trench	70.00	sy	15.731/sy	1,101
DIVISION 02 SITE CONSTRUCTION					1,101
3.361	Labor hours				
2.43	Equipment hours				

DIVISION 15		MECHANICAL			
02221.000	Trenching, Backfilling and Compacting for Utilities	6,925.00	cy	52.57 /cy	364,014
15062.500	Pipe: Ductile Fittings with PVC Pipe	6.00	ea	4,893.523/ea	29,361
15064.200	Pipe: Plastic, C900 with DIP fittings	4,700.00	lf	10.54 /lf	49,529

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Lower Range -20%

Labor Rate Table - 1stQtr2010 Open

Equipment Rate Table - 1stQtr2010

City Index - 827-WY-NEWCASTLE

Gillette WY

Conceptual

Bid Item Report

Description		Quantity	Unit Cost	Total	Amount
15101.000	Gate Valves	1.00 ea	1,046.410/ea		1,046
15114.004	Master Meter Vault with Bypass Complete - 4"	1.00 ea	36,370.14 /ea		36,370
15114.106	Air Valve Assembly Complete - 6"	1.00 ea	6,212.86 /ea		6,213
15114.206	Altitude Valve Complete - 6"	1.00 ea	49,886.51 /ea		49,887
15114.306	Blowoff Permanent Complete - 6"	1.00 ea	10,513.59 /ea		10,514
15114.406	Tank Connection Complete - 6"	1.00 ea	9,880.60 /ea		9,881
15114.712	Open Cut Steel Casing Pipe - 12" ID	50.00 lf	629.664/lf		31,483
DIVISION 15 MECHANICAL					588,297
6,587.43	Labor hours				
1,474.512	Equipment hours				

3.03.2 NICKLESON FARMS LINE 2

125.404/LF

589,398

4,700.00 LF

6,590.79 Labor hours

1,476.94 Equipment hours

3.04.0

CENTRAL CAMPBELL COUNTY LINE

DIVISION 15

MECHANICAL

02221.000	Trenching, Backfilling and Compacting for Utilities	2,453.00 cy	49.283/cy		120,891
15061.800	Pipe: Steel- 26" and larger Wet Taps with Valve	1.00 ea	7,922.50 /ea		7,923
15062.500	Pipe: Ductile Fittings with PVC Pipe	8.00 ea	1,123.18 /ea		8,985
15064.200	Pipe: Plastic, C900 with DIP fittings	1,550.00 lf	33.64 /lf		52,136

AACE Classification Accuracy Range

Upper Range +40%

Lower Range -20%

Labor Rate Table - 1stQtr2010 Open

Equipment Rate Table - 1stQtr2010

City Index - 827-WY-NEWCASTLE

Gillette WY

Conceptual

Bid Item Report

Description		Quantity	Unit Cost	Amount
Total				
15101.000	Gate Valves			2,845
15114.008	Master Meter Vault with Bypass Complete - 8"	2.00 ea	68,989.55 /ea	137,979
15114.212	Altitude Valve Complete - 12"	2.00 ea	78,842.20 /ea	157,684
15114.412	Tank Connection Complete - 12"	2.00 ea	19,274.30 /ea	38,549
15114.718	Open Cut Steel Casing Pipe - 18" ID	200.00 lf	683.03 /lf	136,605
DIVISION 15 MECHANICAL				663,597
4,581.82	Labor hours			
711.702	Equipment hours			
3.04.0 CENTRAL CAMPBELL COUNTY LINE				428.13 /LF
1,550.00 LF				663,597
4,581.82	Labor hours			
711.702	Equipment hours			

3.05.0 ANTELOPE VALLEY LINE

DIVISION 02		SITE CONSTRUCTION		
02950.100	Site Restoration & Rehabilitation - Aggregate Base Course Trench	50.00 sy	47.191/sy	2,360
02950.200	Site Restoration & Rehabilitation - Asphalt and Base Course Trench			
02950.300	Site Restoration & Rehabilitation - Conc Drive 6" depth Trench			

AAE Classification Accuracy Range

Upper Range +40%

Lower Range -20%

Labor Rate Table - 1stQtr2010 Open
Equipment Rate Table - 1stQtr2010
City Index - 827-WY-NEWCASTLE

Gillette WY
Conceptual
Bid Item Report

				Total	
Description		Quantity		Unit Cost	Amount
DIVISION 02 SITE CONSTRUCTION					2,360
7.202	Labor hours				
5.201	Equipment hours				
DIVISION 11 EQUIPMENT					
11308.000	Package Potable Water Pumping Station				501,067
DIVISION 11 EQUIPMENT					501,067
200.77	Labor hours				
17.483	Equipment hours				
DIVISION 15 MECHANICAL					
02221.000	Trenching, Backfilling and Compacting for Utilities	18,963.00	cy	49.304/cy	934,954
02445.012	Horizontal Bore and Jack - 12" PVC_DIP	100.00	lf	811.952/lf	81,195
15061.800	Pipe: Steel- 26" and larger Wet Taps with Valve	1.00	ea	7,922.49 /ea	7,922
15062.500	Pipe: Ductile Fittings with PVC Pipe	31.00	ea	1,933.96 /ea	59,953
15064.200	Pipe: Plastic, C900 with DIP fittings	12,030.00	lf	32.342/lf	389,073
15101.000	Gate Valves	6.00	ea	2,846.22 /ea	17,077
15114.006	Master Meter Vault with Bypass Complete - 6"	1.00	ea	46,904.75 /ea	46,905
15114.008	Master Meter Vault with Bypass Complete - 8"	1.00	ea	68,989.68 /ea	68,990
15114.112	Air Valve Assembly Complete - 12"	1.00	ea	6,590.90 /ea	6,591
15114.208	Altitude Valve Complete - 8"	1.00	ea	58,570.22 /ea	58,570
15114.212	Altitude Valve Complete - 12"	2.00	ea	78,842.21 /ea	157,684
15114.312	Blowoff Permanent Complete - 12"	4.00	ea	11,781.80 /ea	47,127

AACE Classification Accuracy Range

Upper Range +40%

Lower Range -20%

Labor Rate Table - 1stQtr2010 Open

Equipment Rate Table - 1stQtr2010

City Index - 827-WY-NEWCASTLE

Gillette WY

Conceptual

Bid Item Report

Description		Quantity	Unit Cost	Amount
				Total
15114.408	Tank Connection Complete - 8"	1.00 ea	12,288.83 /ea	12,289
15114.412	Tank Connection Complete - 12"	1.00 ea	19,274.330/ea	19,274
15114.718	Open Cut Steel Casing Pipe - 18" ID	190.00 lf	683.03 /lf	129,775
DIVISION 15 MECHANICAL				2,037,380
18,822.670	Labor hours			
3,604.86	Equipment hours			
3.05.0 ANTELOPE VALLEY LINE				211.21 /LF 2,540,807
12,030.00 LF				
19,030.64	Labor hours			
3,627.542	Equipment hours			
3.06.0 CRESTVIEW LINE				
DIVISION 02 SITE CONSTRUCTION				
02950.100	Site Restoration & Rehabilitation - Aggregate Base Course Trench	950.00 sy	13.332/sy	12,665
02950.300	Site Restoration & Rehabilitation - Conc Drive 6" depth Trench	400.00 sy	148.16 /sy	59,263
DIVISION 02 SITE CONSTRUCTION				71,929
795.16	Labor hours			
24.24	Equipment hours			
DIVISION 15 MECHANICAL				
02221.000	Trenching, Backfilling and Compacting for Utilities	5,856.00 cy	50.182/cy	293,864

AAE Classification Accuracy Range

Upper Range +40%

Lower Range -20%

Labor Rate Table - 1stQtr2010 Open
Equipment Rate Table - 1stQtr2010
City Index - 827-WY-NEWCASTLE

Gillette WY
Conceptual
Bid Item Report

Description		Quantity	Unit Cost	Amount
Total				
02445.006	Horizontal Bore and Jack - 6" PVC_DIP	150.00 lf	766.30 /lf	114,945
15061.800	Pipe: Steel- 26" and larger Wet Taps with Valve	1.00 ea	7,922.51 /ea	7,923
15062.500	Pipe: Ductile Fittings with PVC Pipe	18.00 ea	2,909.913/ea	52,378
15064.200	Pipe: Plastic, C900 with DIP fittings	3,780.00 lf	26.61 /lf	100,582
15101.000	Gate Valves	1.00 ea	2,845.22 /ea	2,845
15114.004	Master Meter Vault with Bypass Complete - 4"	1.00 ea	36,370.14 /ea	36,370
15114.008	Master Meter Vault with Bypass Complete - 8"	1.00 ea	68,989.68 /ea	68,990
15114.206	Altitude Valve Complete - 6"	1.00 ea	49,886.54 /ea	49,887
15114.212	Altitude Valve Complete - 12"	1.00 ea	78,842.27 /ea	78,842
15114.406	Tank Connection Complete - 6"	1.00 ea	9,880.60 /ea	9,881
15114.412	Tank Connection Complete - 12"	1.00 ea	19,274.34 /ea	19,274
DIVISION 15 MECHANICAL				835,781
7,118.85	Labor hours			
1,498.880	Equipment hours			

3.06.0 CRESTVIEW LINE **240.14 /LF** **907,709**

3,780.00 LF
7,914.003 Labor hours
1,523.120 Equipment hours

3.07.0 **COUNTYSIDE LINE**

DIVISION 02 SITE CONSTRUCTION

ACE Classification Accuracy Range

Upper Range +40%

Lower Range -20%

Labor Rate Table - 1stQtr2010 Open
Equipment Rate Table - 1stQtr2010
City Index - 827-WY-NEWCASTLE

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Bid Item Report

				Total	
Description		Quantity		Unit Cost	Amount
02950.100	Site Restoration & Rehabilitation - Aggregate Base Course Trench	850.00	sy	15.73 /sy	13,371
DIVISION 02 SITE CONSTRUCTION					13,371
40.81	Labor hours				
29.47	Equipment hours				
DIVISION 15 MECHANICAL					
02221.000	Trenching, Backfilling and Compacting for Utilities	9,801.00	cy	50.54 /cy	495,345
15062.500	Pipe: Ductile Fittings with PVC Pipe	10.00	ea	4,586.17 /ea	45,862
15064.200	Pipe: Plastic, C900 with DIP fittings	6,510.00	lf	13.931/lf	90,688
15101.000	Gate Valves	3.00	ea	2,120.21 /ea	6,361
15114.006	Master Meter Vault with Bypass Complete - 6"	2.00	ea	46,904.74 /ea	93,809
15114.108	Air Valve Assembly Complete - 8"	1.00	ea	6,338.87 /ea	6,339
15114.206	Altitude Valve Complete - 6"				49,887
15114.208	Altitude Valve Complete - 8"	2.00	ea	31,508.62 /ea	63,017
15114.306	Blowoff Permanent Complete - 6"				10,514
15114.308	Blowoff Permanent Complete - 8"	2.00	ea	5,450.56 /ea	10,901
15114.408	Tank Connection Complete - 8"	2.00	ea	12,288.84 /ea	24,578
15114.716	Open Cut Steel Casing Pipe - 16" ID	80.00	lf	604.091/lf	48,327
15114.808	Domestic Connection to Main Extension - 8" to 12" - Dry Connection	1.00	ea	12,837.53 /ea	12,838
DIVISION 15 MECHANICAL					958,464
9,731.063	Labor hours				
2,053.052	Equipment hours				

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Equipment Rate Table - 1stQtr2010

City Index - 827-WY-NEWCASTLE

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Conceptual

Bid Item Report

Description	Quantity	Unit Cost	Total	
			Unit Cost	Amount
3.07.0 COUNTYSIDE LINE			149.283/LF	971,835
6,510.00 LF				
9,771.872 Labor hours				
2,082.522 Equipment hours				
3.08.1 WRANGLER ESTATES LINE 1				
DIVISION 02 SITE CONSTRUCTION				
02950.100	Site Restoration & Rehabilitation - Aggregate Base Course Trench	200.00 sy	15.73 /sy	3,146
02950.300	Site Restoration & Rehabilitation - Conc Drive 6" depth Trench	165.00 sy	148.24 /sy	24,459
DIVISION 02 SITE CONSTRUCTION				27,605
325.060 Labor hours				
7.53 Equipment hours				
DIVISION 15 MECHANICAL				
02221.000	Trenching, Backfilling and Compacting for Utilities	12,977.00 cy	71.67 /cy	930,055
15062.500	Pipe: Ductile Fittings with PVC Pipe	24.00 ea	4,547.314/ea	109,136
15064.200	Pipe: Plastic, C900 with DIP fittings	8,620.00 lf	23.951/lf	206,455
15101.000	Gate Valves	4.00 ea	1,778.27 /ea	7,113
15114.006	Master Meter Vault with Bypass Complete - 6"	1.00 ea	46,904.74 /ea	46,905

AACE Classification Accuracy Range

Upper Range +40%

Lower Range -20%

Labor Rate Table - 1stQtr2010 Open

Equipment Rate Table - 1stQtr2010

City Index - 827-WY-NEWCASTLE

Gillette WY

Conceptual

Bid Item Report

			Total	
Description	Quantity	Unit Cost	Amount	
15114.108	Air Valve Assembly Complete - 8"	1.00 ea	6,338.88 /ea	6,339
15114.208	Altitude Valve Complete - 8"	1.00 ea	57,612.62 /ea	57,613
15114.308	Blowoff Permanent Complete - 8"	3.00 ea	10,901.47 /ea	32,704
15114.408	Tank Connection Complete - 8"	1.00 ea	12,288.83 /ea	12,289
15114.508	Pipe Encasement - 8"	100.00 lf	39.561/lf	3,956
15114.580	Ditch Cutoff Wall <14" Pipe	2.00 ea	1,251.44 /ea	2,503
15114.716	Open Cut Steel Casing Pipe - 16" ID	150.00 lf	604.091/lf	90,614
15114.806	Domestic Connection to Main Extension - 6" to 8"- Dry Connection	1.00 ea	8,419.27 /ea	8,419
DIVISION 15 MECHANICAL				1,514,099
16,343.69	Labor hours			
3,719.25	Equipment hours			

3.08.1 WRANGLER ESTATES LINE 1

126.162/LF 1,541,705

12,220.00 LF

16,668.75 Labor hours
3,726.78 Equipment hours

3.08.2 WRANGLER ESTATES LINE 2

DIVISION 02

SITE CONSTRUCTION

02950.100	Site Restoration & Rehabilitation - Aggregate Base Course Trench	100.00 sy	15.731/sy	1,573
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ACE Classification Accuracy Range

Upper Range +40%

Lower Range -20%

Labor Rate Table - 1stQtr2010 Open
Equipment Rate Table - 1stQtr2010
City Index - 827-WY-NEWCASTLE

Gillette WY
Conceptual
Bid Item Report

				Total	
Description		Quantity		Unit Cost	Amount
DIVISION 02 SITE CONSTRUCTION					1,573
	4.801 Labor hours				
	3.47 Equipment hours				
DIVISION 11 EQUIPMENT					
11308.000	Package Potable Water Pumping Station	50.00	gpm	9,605.39 /gpm	480,269
11921.000	Chemical Feed: Gas Systems (Chlorine, Sulphur Dioxide, Ammonia)	1.00	ea	78,254.62 /ea	78,255
DIVISION 11 EQUIPMENT					558,524
	200.77 Labor hours				
	17.483 Equipment hours				
DIVISION 13 SPECIAL CONSTRUCTION					
13421.000	Welded Steel Tanks	36,000.00	gal	3.913/gal	140,858
DIVISION 13 SPECIAL CONSTRUCTION					140,858
DIVISION 15 MECHANICAL					
02221.000	Trenching, Backfilling and Compacting for Utilities	4,420.00	cy	52.57 /cy	232,359
15062.500	Pipe: Ductile Fittings with PVC Pipe	1.00	ea	4,720.100/ea	4,720
15064.200	Pipe: Plastic, C900 with DIP fittings	3,000.00	lf	10.54 /lf	31,614
15101.000	Gate Valves	2.00	ea	1,046.390/ea	2,093
15114.004	Master Meter Vault with Bypass Complete - 4"	1.00	ea	36,370.160/ea	36,370
15114.206	Altitude Valve Complete - 6"	1.00	ea	49,886.54 /ea	49,887
15114.406	Tank Connection Complete - 6"	1.00	ea	9,880.60 /ea	9,881
15114.805	Domestic Connection to Main Extension - 6" to 6"- Dry Connection	1.00	ea	7,508.14 /ea	7,508

AACE Classification Accuracy Range

Upper Range +40%

Lower Range -20%

Labor Rate Table - 1stQtr2010 Open

Equipment Rate Table - 1stQtr2010

City Index - 827-WY-NEWCASTLE

Gillette WY
Conceptual
Bid Item Report

Description		Quantity	Unit Cost	Total	Amount
15114.806	Domestic Connection to Main Extension - 6" to 8"- Dry Connection	1.00 ea	8,419.26 /ea		8,419
DIVISION 15 MECHANICAL					382,851
4,377.43	Labor hours				
875.513	Equipment hours				
3.08.2 WRANGLER ESTATES LINE 2				361.27 /LF	1,083,806
3,000.00 LF					
4,582.993	Labor hours				
896.463	Equipment hours				
3.09.1 AIRPORT LINE 1					
DIVISION 02 SITE CONSTRUCTION					
02950.100	Site Restoration & Rehabilitation - Aggregate Base Course Trench	950.00 sy	15.73 /sy		14,944
02950.200	Site Restoration & Rehabilitation - Asphalt and Base Course Trench	100.00 sy	82.22 /sy		8,222
02950.300	Site Restoration & Rehabilitation - Conc Drive 6" depth Trench	160.00 sy	148.24 /sy		23,718
DIVISION 02 SITE CONSTRUCTION					46,883
424.880	Labor hours				
48.41	Equipment hours				
DIVISION 15 MECHANICAL					

AACE Classification Accuracy Range

Upper Range +40%

Lower Range -20%

Labor Rate Table - 1stQtr2010 Open

Equipment Rate Table - 1stQtr2010

City Index - 827-WY-NEWCASTLE

Gillette WY

Conceptual

Bid Item Report

				Total	
Description		Quantity		Unit Cost	Amount
02221.000	Trenching, Backfilling and Compacting for Utilities	43,167.00	cy	49.40 /cy	2,132,444
02445.012	Horizontal Bore and Jack - 12" PVC_DIP	190.00	lf	814.91 /lf	154,833
15062.500	Pipe: Ductile Fittings with PVC Pipe	45.00	ea	2,257.99 /ea	101,609
15064.200	Pipe: Plastic, C900 with DIP fittings	27,400.00	lf	30.94 /lf	847,716
15101.000	Gate Valves	10.00	ea	2,858.18 /ea	28,582
15114.004	Master Meter Vault with Bypass Complete - 4"	3.00	ea	36,370.223/ea	109,111
15114.008	Master Meter Vault with Bypass Complete - 8"	1.00	ea	68,623.36 /ea	68,623
15114.112	Air Valve Assembly Complete - 12"	4.00	ea	6,590.93 /ea	26,364
15114.206	Altitude Valve Complete - 6"	3.00	ea	65,565.66 /ea	196,697
15114.212	Altitude Valve Complete - 12"	1.00	ea	78,842.27 /ea	78,842
15114.312	Blowoff Permanent Complete - 12"	9.00	ea	11,784.302/ea	106,059
15114.406	Tank Connection Complete - 6"	3.00	ea	9,880.60 /ea	29,642
15114.412	Tank Connection Complete - 12"	1.00	ea	19,274.35 /ea	19,274
15114.512	Pipe Encasement - 12"	300.00	lf	56.85 /lf	17,053
15114.580	Ditch Cutoff Wall <14" Pipe	8.00	ea	1,251.44 /ea	10,011
15114.612	PRV Assembly Complete - 12"	1.00	ea	75,901.23 /ea	75,901
15114.712	Open Cut Steel Casing Pipe - 12" ID	50.00	lf	582.412/lf	29,121
15114.718	Open Cut Steel Casing Pipe - 18" ID	80.00	lf	683.03 /lf	54,642
15114.812	Domestic Connection to Main Extension - 12" to 12" - Dry Connection	1.00	ea	16,852.67 /ea	16,853
DIVISION 15 MECHANICAL					4,103,377
40,452.724	Labor hours				
7,873.76	Equipment hours				

AAE Classification Accuracy Range

Upper Range +40%

Lower Range -20%

Labor Rate Table - 1stQtr2010 Open
Equipment Rate Table - 1stQtr2010
City Index - 827-WY-NEWCASTLE

Gillette WY
Conceptual
Bid Item Report

Description	Quantity	Unit Cost	Total	
			Unit Cost	Amount
3.09.1 AIRPORT LINE 1			151.47 /LF	4,150,260
27,400.00 LF				
	40,877.604 Labor hours			
	7,922.17 Equipment hours			
3.09.2 AIRPORT LINE 2				
DIVISION 15 MECHANICAL				
02221.000	Trenching, Backfilling and Compacting for Utilities	3,647.00 cy	49.21 /cy	179,469
15064.200	Pipe: Plastic, C900 with DIP fittings	2,305.00 lf	33.64 /lf	77,531
15114.008	Master Meter Vault with Bypass Complete - 8"	1.00 ea	68,989.68 /ea	68,990
15114.212	Altitude Valve Complete - 12"	1.00 ea	78,842.28 /ea	78,842
15114.412	Tank Connection Complete - 12"	1.00 ea	19,274.32 /ea	19,274
15114.812	Domastic Connection to Main Extension - 12" to 12" - Dry Connection	1.00 ea	16,852.67 /ea	16,853
DIVISION 15 MECHANICAL				440,959
	3,754.50 Labor hours			
	668.380 Equipment hours			

AACE Classification Accuracy Range

Upper Range +40%

Lower Range -20%

Labor Rate Table - 1stQtr2010 Open

Equipment Rate Table - 1stQtr2010

City Index - 827-WY-NEWCASTLE

Gillette WY
Conceptual
Bid Item Report

Description	Quantity	Unit Cost	Total	
			Unit Cost	Amount
<hr/>				
3.09.2 AIRPORT LINE 2		191.31 /LF		440,959
	2,305.00 LF			
	3,754.50 Labor hours			
	668.380 Equipment hours			
<hr/>				
3.10.0	FOX RIDGE LINE			
<hr/>				
DIVISION 02	SITE CONSTRUCTION			
02950.100	Site Restoration & Rehabilitation - Aggregate Base Course Trench	380.00 sy	15.73 /sy	5,978
DIVISION 02 SITE CONSTRUCTION				5,978
	18.244 Labor hours			
	13.175 Equipment hours			
<hr/>				
DIVISION 11	EQUIPMENT			
11308.000	Package Potable Water Pumping Station	150.00 gpm	3,633.771/gpm	545,066
11921.000	Chemical Feed: Gas Systems (Chlorine, Sulphur Dioxide, Ammonia)	1.00 ea	78,254.63 /ea	78,255
DIVISION 11 EQUIPMENT				623,320
	200.77 Labor hours			
	17.483 Equipment hours			
DIVISION 15	MECHANICAL			

AACE Classification Accuracy Range

Upper Range +40%

Lower Range -20%

Labor Rate Table - 1stQtr2010 Open

Equipment Rate Table - 1stQtr2010

City Index - 827-WY-NEWCASTLE

Gillette WY

Conceptual

Bid Item Report

Description		Quantity	Unit Cost	Amount
Total				
02221.000	Trenching, Backfilling and Compacting for Utilities	37,488.00 cy	50.54 /cy	1,894,638
15062.500	Pipe: Ductile Fittings with PVC Pipe	28.00 ea	4,646.601/ea	130,105
15064.200	Pipe: Plastic, C900 with DIP fittings	24,900.00 lf	16.90 /lf	420,681
15101.000	Gate Valves	10.00 ea	1,564.874/ea	15,649
15114.006	Master Meter Vault with Bypass Complete - 6"	1.00 ea	46,904.74 /ea	46,905
15114.108	Air Valve Assembly Complete - 8"	4.00 ea	6,338.893/ea	25,356
15114.208	Altitude Valve Complete - 8"	1.00 ea	57,612.64 /ea	57,613
15114.308	Blowoff Permanent Complete - 8"	9.00 ea	10,901.46 /ea	98,113
15114.408	Tank Connection Complete - 8"	1.00 ea	12,288.82 /ea	12,289
15114.508	Pipe Encasement - 8"	400.00 lf	39.561/lf	15,824
15114.580	Ditch Cutoff Wall <14" Pipe	8.00 ea	1,251.44 /ea	10,011
15114.808	Domestic Connection to Main Extension - 8" to 12" - Dry Connection	1.00 ea	12,837.54 /ea	12,838
DIVISION 15 MECHANICAL				2,740,021
31,311.521	Labor hours			
6,850.332	Equipment hours			

3.10.0 FOX RIDGE LINE **135.314/LF** **3,369,319**

24,900.00 LF
31,530.531 Labor hours
6,880.99 Equipment hours

3.11.1 EIGHT MILE LINE 1

AACE Classification Accuracy Range

Upper Range +40%

Lower Range -20%

Labor Rate Table - 1stQtr2010 Open
Equipment Rate Table - 1stQtr2010
City Index - 827-WY-NEWCASTLE

Gillette WY
Conceptual
Bid Item Report

				Total	
Description		Quantity		Unit Cost	Amount
DIVISION 02	SITE CONSTRUCTION				
02950.100	Site Restoration & Rehabilitation - Aggregate Base Course Trench	660.00	sy	15.73 /sy	10,382
					10,382
DIVISION 02 SITE CONSTRUCTION					
31.69	Labor hours				
22.882	Equipment hours				
DIVISION 11	EQUIPMENT				
11308.000	Package Potable Water Pumping Station	1,500.00	gpm	678.29 /gpm	1,017,435
					1,017,435
DIVISION 11 EQUIPMENT					
282.07	Labor hours				
21.862	Equipment hours				
DIVISION 15	MECHANICAL				
02221.000	Trenching, Backfilling and Compacting for Utilities	45,395.00	cy	49.994/cy	2,269,495
15062.500	Pipe: Ductile Fittings with PVC Pipe	55.00	ea	3,562.60 /ea	195,943
15064.200	Pipe: Plastic, C900 with DIP fittings	29,426.00	lf	24.691/lf	726,544
15101.000	Gate Valves	11.00	ea	2,323.651/ea	25,560
15114.004	Master Meter Vault with Bypass Complete - 4"	3.00	ea	36,370.213/ea	109,111
15114.006	Master Meter Vault with Bypass Complete - 6"	1.00	ea	46,904.76 /ea	46,905
15114.106	Air Valve Assembly Complete - 6"				6,213
15114.108	Air Valve Assembly Complete - 8"	3.00	ea	4,225.663/ea	12,677
15114.112	Air Valve Assembly Complete - 12"	2.00	ea	6,590.93 /ea	13,182
15114.206	Altitude Valve Complete - 6"	3.00	ea	65,856.283/ea	197,569

AACE Classification Accuracy Range

Upper Range +40%

Lower Range -20%

Labor Rate Table - 1stQtr2010 Open

Equipment Rate Table - 1stQtr2010

City Index - 827-WY-NEWCASTLE

Gillette WY

Conceptual

Bid Item Report

				Total	
Description		Quantity		Unit Cost	Amount
15114.306	Blowoff Permanent Complete - 6"				10,514
15114.308	Blowoff Permanent Complete - 8"	5.00	ea	8,721.62 /ea	43,608
15114.312	Blowoff Permanent Complete - 12"	5.00	ea	11,784.312/ea	58,922
15114.406	Tank Connection Complete - 6"	3.00	ea	9,880.60 /ea	29,642
15114.408	Tank Connection Complete - 8"	1.00	ea	12,288.84 /ea	12,289
15114.508	Pipe Encasement - 8"	100.00	lf	39.561/lf	3,956
15114.512	Pipe Encasement - 12"	700.00	lf	56.85 /lf	39,791
15114.580	Ditch Cutoff Wall <14" Pipe	12.00	ea	1,251.44 /ea	15,017
15114.712	Open Cut Steel Casing Pipe - 12" ID	85.00	lf	582.412/lf	49,505
15114.716	Open Cut Steel Casing Pipe - 16" ID	500.00	lf	604.091/lf	302,046
15114.718	Open Cut Steel Casing Pipe - 18" ID	255.00	lf	683.03 /lf	174,172
15114.807	Domestic Connection to Main Extension - 6" to 10" - Dry Connection	1.00	ea	10,155.91 /ea	10,156
15114.811	Domestic Connection to Main Extension - 12" to 10" - Dry Connection	1.00	ea	16,543.11 /ea	16,543
DIVISION 15 MECHANICAL					4,369,358
44,262.441	Labor hours				
9,027.024	Equipment hours				

3.11.1 EIGHT MILE LINE 1

183.421/LF

5,397,175

29,425.00 LF

44,576.194 Labor hours

9,071.77 Equipment hours

3.11.2

EIGHT MILE LINE 2

AACE Classification Accuracy Range

Upper Range +40%

Lower Range -20%

Labor Rate Table - 1stQtr2010 Open

Equipment Rate Table - 1stQtr2010

City Index - 827-WY-NEWCASTLE

Gillette WY
Conceptual
Bid Item Report

				Total	
Description	Quantity	Unit Cost		Amount	
DIVISION 02 SITE CONSTRUCTION					
02950.100	Site Restoration & Rehabilitation - Aggregate Base Course Trench	240.00 sy	15.73 /sy	3,775	
				3,775	
DIVISION 02 SITE CONSTRUCTION					
11.522	Labor hours				
8.321	Equipment hours				
DIVISION 15 MECHANICAL					
02221.000	Trenching, Backfilling and Compacting for Utilities	24,081.00 cy	50.541/cy	1,217,085	
15062.500	Pipe: Ductile Fittings with PVC Pipe	49.00 ea	4,762.841/ea	233,379	
15064.200	Pipe: Plastic, C900 with DIP fittings	15,995.00 lf	16.90 /lf	270,232	
15101.000	Gate Valves	7.00 ea	1,422.611/ea	9,958	
15114.006	Master Meter Vault with Bypass Complete - 6"	1.00 ea	46,904.74 /ea	46,905	
15114.108	Air Valve Assembly Complete - 8"	3.00 ea	6,338.88 /ea	19,017	
15114.208	Altitude Valve Complete - 8"	1.00 ea	57,612.64 /ea	57,613	
15114.308	Blowoff Permanent Complete - 8"	6.00 ea	10,901.46 /ea	65,409	
15114.408	Tank Connection Complete - 8"	1.00 ea	12,288.84 /ea	12,289	
15114.716	Open Cut Steel Casing Pipe - 16" ID	480.00 lf	604.091/lf	289,964	
15114.809	Domestic Connection to Main Extension - 8" to 8" - Dry Connection	1.00 ea	9,651.72 /ea	9,652	
				2,231,502	
DIVISION 15 MECHANICAL					
22,661.883	Labor hours				
5,488.905	Equipment hours				

AACE Classification Accuracy Range

Upper Range +40%

Lower Range -20%

Labor Rate Table - 1stQtr2010 Open
Equipment Rate Table - 1stQtr2010
City Index - 827-WY-NEWCASTLE

Gillette WY
Conceptual
Bid Item Report

Description	Quantity	Unit Cost	Total	
			Unit Cost	Amount
3.11.2 EIGHT MILE LINE 2			139.75 /LF	2,235,277
15,995.00 LF				
	22,673.41 Labor hours			
	5,497.23 Equipment hours			
3.11.3 EIGHT MILE LINE 3				
DIVISION 02 SITE CONSTRUCTION				
02950.100	Site Restoration & Rehabilitation - Aggregate Base Course Trench	630.00 sy	15.73 /sy	9,910
DIVISION 02 SITE CONSTRUCTION				9,910
	30.25 Labor hours			
	21.842 Equipment hours			
DIVISION 11 EQUIPMENT				
11921.000	Chemical Feed: Gas Systems (Chlorine, Sulphur Dioxide, Ammonia)	1.00 ea	78,254.62 /ea	78,255
DIVISION 11 EQUIPMENT				78,255
DIVISION 15 MECHANICAL				
02221.000	Trenching, Backfilling and Compacting for Utilities	9,023.00 cy	51.60 /cy	465,545
15062.500	Pipe: Ductile Fittings with PVC Pipe	12.00 ea	3,999.68 /ea	47,996
15064.200	Pipe: Plastic, C900 with DIP fittings	6,060.00 lf	13.564/lf	82,200

AACE Classification Accuracy Range

Upper Range +40%

Lower Range -20%

Labor Rate Table - 1stQtr2010 Open

Equipment Rate Table - 1stQtr2010

City Index - 827-WY-NEWCASTLE

Gillette WY

Conceptual

Bid Item Report

Description		Quantity	Unit Cost	Amount
15114.004	Master Meter Vault with Bypass Complete - 4"	2.00 ea	36,370.18 /ea	72,740
15114.006	Master Meter Vault with Bypass Complete - 6"	1.00 ea	46,904.73 /ea	46,905
15114.106	Air Valve Assembly Complete - 6"	1.00 ea	6,212.85 /ea	6,213
15114.206	Altitude Valve Complete - 6"	2.00 ea	49,886.53 /ea	99,773
15114.208	Altitude Valve Complete - 8"	1.00 ea	57,612.64 /ea	57,613
15114.306	Blowoff Permanent Complete - 6"	1.00 ea	10,513.56 /ea	10,514
15114.406	Tank Connection Complete - 6"	2.00 ea	9,880.62 /ea	19,761
15114.408	Tank Connection Complete - 8"	1.00 ea	12,288.82 /ea	12,289
15114.804	Domestic Connection to Main Extension - 6" to 12" - Dry Connection	1.00 ea	11,721.60 /ea	11,722
15114.806	Domestic Connection to Main Extension - 6" to 8" - Dry Connection	1.00 ea	8,419.25 /ea	8,419
15114.810	Domestic Connection to Main Extension - 8" to 10" - Dry Connection	1.00 ea	11,388.35 /ea	11,388
DIVISION 15 MECHANICAL				953,077
9,617.492	Labor hours			
1,975.93	Equipment hours			

3.11.3 EIGHT MILE LINE 3

171.822/LF

1,041,242

6,060.00 LF

9,647.74 Labor hours

1,997.77 Equipment hours

AACE Classification Accuracy Range

Upper Range +40%

Lower Range -20%

Labor Rate Table - 1stQtr2010 Open
Equipment Rate Table - 1stQtr2010
City Index - 827-WY-NEWCASTLE

Gillette WY
Conceptual
Bid Item Report

				Total	
Description		Quantity		Unit Cost	Amount
3.12.0 GREEN VALLEY LINE					
<hr/>					
DIVISION 02	SITE CONSTRUCTION				
02950.100	Site Restoration & Rehabilitation - Aggregate Base Course Trench	590.00	sy	15.73 /sy	9,281
DIVISION 02 SITE CONSTRUCTION					9,281
28.33	Labor hours				
20.46	Equipment hours				
DIVISION 11	EQUIPMENT				
11921.000	Chemical Feed: Gas Systems (Chlorine, Sulphur Dioxide, Ammonia)	2.00	ea	78,254.63 /ea	156,509
DIVISION 11 EQUIPMENT					156,509
DIVISION 13	SPECIAL CONSTRUCTION				
13421.000	Welded Steel Tanks	25,000.00	gal	4.07 /gal	101,731
DIVISION 13 SPECIAL CONSTRUCTION					101,731
DIVISION 15	MECHANICAL				
02221.000	Trenching, Backfilling and Compacting for Utilities	84,733.00	cy	50.661/cy	4,292,633
15062.500	Pipe: Ductile Fittings with PVC Pipe	94.00	ea	4,544.852/ea	427,216
15064.200	Pipe: Plastic, C900 with DIP fittings	56,355.00	lf	16.51 /lf	930,208
15101.000	Gate Valves	21.00	ea	1,422.612/ea	29,875
15114.004	Master Meter Vault with Bypass Complete - 4"	2.00	ea	36,370.18 /ea	72,740

AACE Classification Accuracy Range

Upper Range +40%

Lower Range -20%

Labor Rate Table - 1stQtr2010 Open

Equipment Rate Table - 1stQtr2010

City Index - 827-WY-NEWCASTLE

Gillette WY
Conceptual
Bid Item Report

Description		Quantity	Unit Cost	Amount
Total				
15114.006	Master Meter Vault with Bypass Complete - 6"	1.00 ea	46,904.75 /ea	46,905
15114.108	Air Valve Assembly Complete - 8"	10.00 ea	6,338.89 /ea	63,389
15114.206	Altitude Valve Complete - 6"	2.00 ea	49,886.53 /ea	99,773
15114.208	Altitude Valve Complete - 8"	1.00 ea	57,612.61 /ea	57,613
15114.308	Blowoff Permanent Complete - 8"	20.00 ea	21,802.913/ea	436,058
15114.406	Tank Connection Complete - 6"	2.00 ea	9,880.61 /ea	19,761
15114.408	Tank Connection Complete - 8"	1.00 ea	12,288.82 /ea	12,289
15114.508	Pipe Encasement - 8"	700.00 lf	39.561/lf	27,693
15114.580	Ditch Cutoff Wall <14" Pipe	10.00 ea	1,251.44 /ea	12,514
15114.716	Open Cut Steel Casing Pipe - 16" ID	350.00 lf	604.091/lf	211,432
15114.808	Domestic Connection to Main Extension - 8" to 12" - Dry Connection	1.00 ea	12,837.52 /ea	12,838
DIVISION 15 MECHANICAL				6,752,936
74,114.090 Labor hours				
16,599.052 Equipment hours				

3.12.0 GREEN VALLEY LINE

124.58 /LF

7,020,457

56,355.00 LF

74,142.42 Labor hours

16,619.51 Equipment hours

3.13.0

RIDGEWAY LINE

DIVISION 02

SITE CONSTRUCTION

ACE Classification Accuracy Range

Upper Range +40%

Lower Range -20%

Labor Rate Table - 1stQtr2010 Open

Equipment Rate Table - 1stQtr2010

City Index - 827-WY-NEWCASTLE

Gillette WY
Conceptual
Bid Item Report

				Total	
Description		Quantity		Unit Cost	Amount
02950.100	Site Restoration & Rehabilitation - Aggregate Base Course Trench	310.00	sy	15.73 /sy	4,876
DIVISION 02 SITE CONSTRUCTION					4,876
14.883	Labor hours				
10.75	Equipment hours				
DIVISION 15 MECHANICAL					
02221.000	Trenching, Backfilling and Compacting for Utilities	52,378.00	cy	52.564/cy	2,753,195
15062.500	Pipe: Ductile Fittings with PVC Pipe	53.00	ea	5,317.97 /ea	281,852
15064.200	Pipe: Plastic, C900 with DIP fittings	35,550.00	lf	10.54 /lf	374,626
15101.000	Gate Valves	15.00	ea	1,046.402/ea	15,696
15114.004	Master Meter Vault with Bypass Complete - 4"	1.00	ea	35,512.19 /ea	35,512
15114.106	Air Valve Assembly Complete - 6"	6.00	ea	6,212.87 /ea	37,277
15114.206	Altitude Valve Complete - 6"	1.00	ea	49,886.53 /ea	49,887
15114.306	Blowoff Permanent Complete - 6"	13.00	ea	10,513.482/ea	136,675
15114.406	Tank Connection Complete - 6"	1.00	ea	9,880.61 /ea	9,881
15114.506	Pipe Encasement - 6"	1,300.00	lf	31.88 /lf	41,443
15114.580	Ditch Cutoff Wall <14" Pipe	22.00	ea	1,251.44 /ea	27,532
15114.712	Open Cut Steel Casing Pipe - 12" ID	300.00	lf	584.353/lf	175,306
15114.804	Domestic Connection to Main Extension - 6" to 12" - Dry Connection	1.00	ea	11,721.59 /ea	11,722
DIVISION 15 MECHANICAL					3,950,603
45,694.244	Labor hours				
11,055.42	Equipment hours				

AACE Classification Accuracy Range

Upper Range +40%

Lower Range -20%

Labor Rate Table - 1stQtr2010 Open
Equipment Rate Table - 1stQtr2010
City Index - 827-WY-NEWCASTLE

Gillette WY
Conceptual
Bid Item Report

Description	Quantity	Unit Cost	Total	
			Unit Cost	Amount
3.13.0 RIDGEWAY LINE			111.27 /LF	3,955,480
35,550.00 LF				
	45,709.13	Labor hours		
	11,066.17	Equipment hours		
3.14.0 DIRECT CONNECTIONS				
DIVISION 02 SITE CONSTRUCTION				
02950.100	Site Restoration & Rehabilitation - Aggregate Base Course Trench	575.00 sy	15.73 /sy	9,045
DIVISION 02 SITE CONSTRUCTION				9,045
	27.61	Labor hours		
	19.94	Equipment hours		
DIVISION 11 EQUIPMENT				
11308.000	Package Potable Water Pumping Station	100.00 gpm	5,350.47 /gpm	535,047
DIVISION 11 EQUIPMENT				535,047
	200.77	Labor hours		
	17.483	Equipment hours		
DIVISION 15 MECHANICAL				
02221.000	Trenching, Backfilling and Compacting for Utilities	4,186.00 cy	50.544/cy	211,576
15061.800	Pipe: Steel- 26" and larger Wet Taps with Valve	1.00 ea	6,506.87 /ea	6,507

AACE Classification Accuracy Range

Upper Range +40%

Lower Range -20%

Labor Rate Table - 1stQtr2010 Open

Equipment Rate Table - 1stQtr2010

City Index - 827-WY-NEWCASTLE

Gillette WY

Conceptual

Bid Item Report

				Total	
Description		Quantity		Unit Cost	Amount
15062.500	Pipe: Ductile Fittings with PVC Pipe	4.00	ea	4,739.26 /ea	18,957
15064.200	Pipe: Plastic, C900 with DIP fittings	2,780.00	lf	16.90 /lf	46,968
15101.000	Gate Valves	4.00	ea	1,422.62 /ea	5,690
15114.206	Altitude Valve Complete - 6"	4.00	ea	49,886.53 /ea	199,546
15114.208	Altitude Valve Complete - 8"	1.00	ea	57,612.64 /ea	57,613
15114.308	Blowoff Permanent Complete - 8"	1.00	ea	21,803.07 /ea	21,803
15114.406	Tank Connection Complete - 6"	4.00	ea	9,880.60 /ea	39,522
15114.408	Tank Connection Complete - 8"	1.00	ea	12,288.81 /ea	12,289
15114.712	Open Cut Steel Casing Pipe - 12" ID	305.00	lf	582.412/lf	177,636
15114.804	Domestic Connection to Main Extension - 6" to 12" - Dry Connection				
15114.808	Domestic Connection to Main Extension - 8" to 12" - Dry Connection	1.00	ea	12,837.53 /ea	12,838
15114.809	Domestic Connection to Main Extension - 8" to 8" - Dry Connection	2.00	ea	9,651.74 /ea	19,303
DIVISION 15 MECHANICAL					830,248
7,049.454	Labor hours				
1,252.081	Equipment hours				

3.14.0 DIRECT CONNECTIONS

494.37 /LF

1,374,340

2,780.00 LF

7,277.83 Labor hours

1,289.50 Equipment hours

AACE Classification Accuracy Range

Upper Range +40%

Lower Range -20%

Labor Rate Table - 1stQtr2010 Open

Equipment Rate Table - 1stQtr2010

City Index - 827-WY-NEWCASTLE

Gillette WY

Conceptual

Bid Item Report

Estimate Totals

Description	Amount	Totals	Hours	Rate
Labor	23,146,467		477,081.770 hrs	
Material	16,938,611			
Subcontract	2,514,893			
Equipment	8,154,697			
Other	210,359			
Subtotal		50,965,027		
Escal Mid-Pnt Const (NOTINCLD)				
Current OPCC Estimate Budget		50,965,027		

AAACE Classification Accuracy Range

Upper Range +40%

Lower Range -20%

Labor Rate Table - 1stQtr2010 Open

Equipment Rate Table - 1stQtr2010

City Index - 827-WY-NEWCASTLE

Gillette WY

Conceptual

Bid Item Report



Upper Range +40%

AACE Classification Accuracy Range

Lower Range -20%