

May 24, 2017

Josh Richardson  
City of Gillette  
Engineering Department  
P.O. Box 3003  
Gillette, WY 82717-3003

**RE: Boxelder Road Enhancement Emerson to Highway 59  
Project No. 16EN16**

Dear Josh,

Bids were received at 2:00 p.m. on Tuesday, May 23, 2017 for the above referenced project. A total of three (3) contractors submitted bids. There were two (2) addenda for this project and they were acknowledged on all bids. Proper Bid Security in the form of a Bid Bond in the amount of five percent (5%) of the bid amounts was included with all bids as well as the "Certificate of Residency Status."

There was a mathematical error found with the bid submitted by Earthwork Solutions and the summation was corrected as shown in the tabulation below. The bid total for Powder River Construction that was read aloud at the public bid opening was \$1,336,346.25. The bid submitted by Powder River Construction included a page number 29 with a total summation of the bid of \$1,336,346.25 and another page number 29 with a summation total of \$1,346,346.25. Powder River Construction indicated that they inadvertently submitted the second sheet with the total of \$1,346,346.25. Page number 29 contains five unit price items and the unit prices on those items were identical on both pages that were included. The correct summation based on the unit prices submitted is \$1,336,346.25. It would be concluded that the inclusion of the additional page number 29 is somewhat informal and would not be considered a reason for rejection. The bids are tabulated as follows:

<b>DRM, Inc.</b>	Total	\$1,423,945.45
<b>Powder River Construction</b>	Total	\$1,336,346.25
<b>Earthwork Solutions</b>	Total	\$1,424,649.00
<b>Engineer's Estimate</b>	Total	\$1,378,838.79

The bidders are local contractors and have worked on similar projects throughout the region and for the City of Gillette. Powder River Construction has indicated they are comfortable with their bid and that they have the equipment, materials, and manpower

QUALITY

INTEGRITY

SERVICE

to complete your project in the time frame allowed and in accordance with the contract documents.

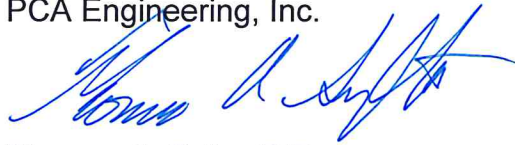
A bid tabulation form with the comparable unit pricing and totals is attached. The low bid is 3.1% below the Engineer's Estimate and 4.2% below the average of the bids. The unit prices seen in the bids were very competitive throughout the bids. The biggest variations in unit prices with the low bidder were contained in the construction signing, traffic control, flagging and the concrete pavement.

The low bidder has met the requirements for bidding. I recommend the City of Gillette award the Boxelder Road Enhancement Emerson to Highway 59 project to the low bidder, Powder River Construction, in the amount of \$1,336,346.25.

If you have any questions concerning this evaluation, please do not hesitate to contact me at (307) 687-0600, or e-mail at [syltet@pcaengsur.com](mailto:syltet@pcaengsur.com).

Sincerely,

PCA Engineering, Inc.



Thomas A. Sylte, P.E.  
Project Engineer

TAS/tas

Attachments: Bid Tabulation Form  
Contractor Bids

CLIENT: City of Gillette  
PROJECT NO. 16EN16 (153738.00)

**BID TABULATION FORM**  
**BOXELDER ROAD ENHANCEMENTS**

PCA ENGINEERING  
BID DATE: May 23, 2017

ITEM NO.	ITEM DESCRIPTION	UNIT	QUANTITY FOR BID	DRM INC.		Powder River Const		Earthworks	
				UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE
01020	<b>Contract Pay Items</b>								
01020.01	Mobilization	L.S.	1	\$94,551.00	\$94,551.00	\$67,500.00	\$67,500.00	\$86,086.82	\$86,086.82
01020.02	Contract Bonds	L.S.	1	\$11,929.00	\$11,929.00	\$11,000.00	\$11,000.00	\$23,029.14	\$23,029.14
01020.03	Force Account	L.S.	1	\$50,000.00	\$50,000.00	\$50,000.00	\$50,000.00	\$50,000.00	\$50,000.00
01500	<b>Sediment &amp; Erosion Control</b>								
01500.11	Construction Stormwater Management	L.S.	1	\$971.00	\$971.00	\$8,500.00	\$8,500.00	\$17,754.57	\$17,754.57
01500.15	Install Wattles	L.F.	500	\$3.80	\$1,900.00	\$6.00	\$3,000.00	\$3.59	\$1,795.00
01510	<b>Traffic Control</b>								
01510.01	Construction Signing And Traffic Control	L.S.	1	\$77,808.00	\$77,808.00	\$98,500.00	\$98,500.00	\$66,620.00	\$66,620.00
01510.02	Flagging	HRS	1000	\$30.00	\$30,000.00	\$1.00	\$1,000.00	\$26.39	\$26,390.00
01510.03	Project Identification Sign	EA	1	\$1,068.00	\$1,068.00	\$575.00	\$575.00	\$517.17	\$517.17
01510.04	Solid Double Yellow Center Stripe	L.F.	260	\$0.45	\$117.00	\$1.00	\$260.00	\$0.41	\$106.60
01510.06	Broken White Lane Stripe	L.F.	1970	\$0.10	\$197.00	\$1.00	\$1,970.00	\$0.11	\$216.70
01510.07	Solid White Stacking Lane Stripe	L.F.	360	\$0.40	\$144.00	\$1.00	\$360.00	\$0.38	\$136.80
01510.08	Yellow Two-Way Turn Lane Stripe	L.F.	1810	\$0.35	\$633.50	\$1.00	\$1,810.00	\$0.32	\$579.20
01510.11	Remove Existing Stripe	L.F.	165	\$6.15	\$1,014.75	\$11.00	\$1,815.00	\$10.55	\$1,740.75
01510.12	Stop Bars	EA	95	\$1.20	\$114.00	\$70.00	\$6,650.00	\$1.11	\$105.45
01510.13	Turn Arrow	EA	11	\$43.15	\$474.65	\$120.00	\$1,320.00	\$38.38	\$422.18
01510.14	Pedestrian Crossing Stripes	EA	29	\$14.80	\$429.20	\$120.00	\$3,480.00	\$12.74	\$369.46
01510.15	Solid White Chevrons	EA	3	\$14.80	\$44.40	\$120.00	\$360.00	\$14.07	\$42.21
02050	<b>Removal and Disposal of Structures and Obstructions</b>								
02050.02	Remove Existing Water Main	L.F.	7	\$20.60	\$144.20	\$120.00	\$840.00	\$151.32	\$1,059.24
02050.05	Remove Existing Fitting	EA	2	\$246.00	\$492.00	\$175.00	\$350.00	\$444.67	\$889.34
02050.07	Remove Fire Hydrant	EA	2	\$568.00	\$1,136.00	\$175.00	\$350.00	\$1,874.93	\$3,749.86
02050.08	Remove Valve	EA	4	\$176.00	\$704.00	\$175.00	\$700.00	\$937.46	\$3,749.84
02050.10B	Remove Blow Off Riser	EA	1	\$409.00	\$409.00	\$120.00	\$120.00	\$1,452.70	\$1,452.70
02050.18	Remove Existing Storm Drain	L.F.	180	\$22.90	\$4,122.00	\$35.00	\$6,300.00	\$53.85	\$9,693.00
02050.19	Remove Existing Flared End Section	EA	1	\$92.65	\$92.65	\$58.00	\$58.00	\$304.16	\$304.16
02050.20	Remove Existing Storm Inlet	EA	4	\$275.00	\$1,100.00	\$176.00	\$704.00	\$1,372.30	\$5,489.20
02050.24	Removal Of Existing Fence	L.F.	205	\$2.16	\$442.80	\$7.25	\$1,486.25	\$7.50	\$1,537.50
02075	<b>Demolition of Asphalt and Portland Cement Concrete</b>								
02075.01	Removal Of Existing Asphalt Pavement	S.Y.	2680	\$4.00	\$10,720.00	\$5.50	\$14,740.00	\$5.57	\$14,927.60
02075.02	Removal Of Portland Cement Concrete Pavement	S.Y.	3260	\$4.50	\$14,670.00	\$6.00	\$19,560.00	\$8.16	\$26,601.60
02075.04	Removal Of Sidewalk	S.F.	12200	\$1.00	\$12,200.00	\$1.00	\$12,200.00	\$2.49	\$30,378.00
02075.05	Removal Of Driveway	S.F.	4275	\$1.20	\$5,130.00	\$1.50	\$6,412.50	\$1.02	\$4,360.50

CLIENT: City of Gillette  
PROJECT NO. 16EN16 (153738.00)

**BID TABULATION FORM**  
**BOXELDER ROAD ENHANCEMENTS**

PCA ENGINEERING  
BID DATE: May 23, 2017

ITEM NO.	ITEM DESCRIPTION	UNIT	QUANTITY FOR BID	Engineer's Estimate		HIGH	LOW	AVE
				UNIT PRICE	TOTAL PRICE	UNIT	UNIT	UNIT
						PRICE	PRICE	PRICE
01020	<b>Contract Pay Items</b>							
01020.01	Mobilization	L.S.	1	\$47,356.16	\$47,356.16	\$94,551.00	\$67,500.00	\$82,712.61
01020.02	Contract Bonds	L.S.	1	\$10,343.58	\$10,343.58	\$23,029.14	\$11,000.00	\$15,319.38
01020.03	Force Account	L.S.	1	\$50,000.00	\$50,000.00	\$50,000.00	\$50,000.00	\$50,000.00
01500	<b>Sediment &amp; Erosion Control</b>							
01500.11	Construction Stormwater Management	L.S.	1	\$6,231.07	\$6,231.07	\$17,754.57	\$971.00	\$9,075.19
01500.15	Install Wattles	L.F.	500	\$9.60	\$4,800.00	\$6.00	\$3.59	\$4.46
01510	<b>Traffic Control</b>							
01510.01	Construction Signing And Traffic Control	L.S.	1	\$18,693.22	\$18,693.22	\$98,500.00	\$66,620.00	\$80,976.00
01510.02	Flagging	HRS	1000	\$35.00	\$35,000.00	\$30.00	\$1.00	\$19.13
01510.03	Project Identification Sign	EA	1	\$1,500.00	\$1,500.00	\$1,068.00	\$517.17	\$720.06
01510.04	Solid Double Yellow Center Stripe	L.F.	260	\$0.60	\$156.00	\$1.00	\$0.41	\$0.62
01510.06	Broken White Lane Stripe	L.F.	1970	\$0.30	\$591.00	\$1.00	\$0.10	\$0.40
01510.07	Solid White Stacking Lane Stripe	L.F.	360	\$0.20	\$72.00	\$1.00	\$0.38	\$0.59
01510.08	Yellow Two-Way Turn Lane Stripe	L.F.	1810	\$0.45	\$814.50	\$1.00	\$0.32	\$0.56
01510.11	Remove Existing Stripe	L.F.	165	\$3.50	\$577.50	\$11.00	\$6.15	\$9.23
01510.12	Stop Bars	EA	95	\$3.00	\$285.00	\$70.00	\$1.11	\$24.10
01510.13	Turn Arrow	EA	11	\$40.00	\$440.00	\$120.00	\$38.38	\$67.18
01510.14	Pedestrian Crossing Stripes	EA	29	\$7.00	\$203.00	\$120.00	\$12.74	\$49.18
01510.15	Solid White Chevrons	EA	3	\$20.00	\$60.00	\$120.00	\$14.07	\$49.62
02050	<b>Removal and Disposal of Structures and Obstructions</b>							
02050.02	Remove Existing Water Main	L.F.	7	\$15.00	\$105.00	\$151.32	\$20.60	\$97.31
02050.05	Remove Existing Fitting	EA	2	\$200.00	\$400.00	\$444.67	\$175.00	\$288.56
02050.07	Remove Fire Hydrant	EA	2	\$450.00	\$900.00	\$1,874.93	\$175.00	\$872.64
02050.08	Remove Valve	EA	4	\$220.00	\$880.00	\$937.46	\$175.00	\$429.49
02050.10B	Remove Blow Off Riser	EA	1	\$250.00	\$250.00	\$1,452.70	\$120.00	\$660.57
02050.18	Remove Existing Storm Drain	L.F.	180	\$15.00	\$2,700.00	\$53.85	\$22.90	\$37.25
02050.19	Remove Existing Flared End Section	EA	1	\$100.00	\$100.00	\$304.16	\$58.00	\$151.60
02050.20	Remove Existing Storm Inlet	EA	4	\$500.00	\$2,000.00	\$1,372.30	\$176.00	\$607.77
02050.24	Removal Of Existing Fence	L.F.	205	\$5.00	\$1,025.00	\$7.50	\$2.16	\$5.64
02075	<b>Demolition of Asphalt and Portland Cement Concrete</b>							
02075.01	Removal Of Existing Asphalt Pavement	S.Y.	2680	\$3.80	\$10,184.00	\$5.57	\$4.00	\$5.02
02075.02	Removal Of Portland Cement Concrete Pavement	S.Y.	3260	\$8.00	\$26,080.00	\$8.16	\$4.50	\$6.22
02075.04	Removal Of Sidewalk	S.F.	12200	\$1.50	\$18,300.00	\$2.49	\$1.00	\$1.50
02075.05	Removal Of Driveway	S.F.	4275	\$1.75	\$7,481.25	\$1.50	\$1.02	\$1.24

CLIENT: City of Gillette  
PROJECT NO. 16EN16 (153738.00)

**BID TABULATION FORM**  
**BOXELDER ROAD ENHANCEMENTS**

PCA ENGINEERING  
BID DATE: May 23, 2017

ITEM NO.	ITEM DESCRIPTION	UNIT	QUANTITY FOR BID	DRM INC.		Powder River Const		Earthworks	
				UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE
02075.06	Remove Curb & Gutter (Tangent)	L.F.	2640	\$3.00	\$7,920.00	\$3.75	\$9,900.00	\$6.43	\$16,975.20
02075.09	Remove Curb & Gutter (Radius)	L.F.	200	\$3.00	\$600.00	\$4.00	\$800.00	\$9.69	\$1,938.00
02075.10	Removal Of Concrete Fillet	S.F.	450	\$1.20	\$540.00	\$3.50	\$1,575.00	\$9.75	\$4,387.50
02075.11	Removal Of Concrete Valley Gutter	S.F.	350	\$1.20	\$420.00	\$2.50	\$875.00	\$1.46	\$511.00
02075.13	Removal Of Concrete Trickle Channel	S.F.	55	\$1.20	\$66.00	\$7.00	\$385.00	\$9.30	\$511.50
02210	<b>Excavation and Embankment</b>								
02210.01	Unclassified Excavation Above Subgrade	C.Y.	2010	\$3.45	\$6,934.50	\$9.50	\$19,095.00	\$10.12	\$20,341.20
02210.02	Excavation Below Subgrade	C.Y.	500	\$8.70	\$4,350.00	\$28.00	\$14,000.00	\$14.35	\$7,175.00
02210.03	Rejected Material Disposal	C.Y.	500	\$7.55	\$3,775.00	\$1.00	\$500.00	\$12.42	\$6,210.00
02210.04	Surplus Material Disposal	C.Y.	1200	\$7.55	\$9,060.00	\$8.00	\$9,600.00	\$12.96	\$15,552.00
2210.0712	12" Paved Road Subgrade Processing	S.Y.	8880	\$3.70	\$32,856.00	\$2.50	\$22,200.00	\$1.31	\$11,632.80
2210.0812	12" Subgrade Processing For Patch	S.Y.	240	\$5.20	\$1,248.00	\$14.00	\$3,360.00	\$2.55	\$612.00
02220	<b>Trench Excavation</b>								
02220.02	Underground Facility Locates	EA	25	\$166.00	\$4,150.00	\$120.00	\$3,000.00	\$364.90	\$9,122.50
02220.03	Underground Facility Crossing	EA	10	\$367.00	\$3,670.00	\$120.00	\$1,200.00	\$533.92	\$5,339.20
02225	<b>Trench Backfill</b>								
02225.02	Install Trench Foundation	TONS	50	\$33.55	\$1,677.50	\$120.00	\$6,000.00	\$59.70	\$2,985.00
02225.04	Install Cement Treated Fill Pipe Saddle	EA	1	\$1,779.00	\$1,779.00	\$600.00	\$600.00	\$2,963.23	\$2,963.23
02231	<b>Aggregate Sub-Base and Base Courses</b>								
02231.014	4" Aggregate Base	S.Y.	1950	\$10.30	\$20,085.00	\$15.00	\$29,250.00	\$10.36	\$20,202.00
02231.016	6" Aggregate Base	S.Y.	9100	\$11.55	\$105,105.00	\$9.50	\$86,450.00	\$9.40	\$85,540.00
02280	<b>Topsoil</b>								
02280.01	Place Topsoil	C.Y.	515	\$4.65	\$2,394.75	\$16.00	\$8,240.00	\$4.66	\$2,399.90
02280.03	Stockpile Topsoil	C.Y.	960	\$1.70	\$1,632.00	\$14.25	\$13,680.00	\$2.66	\$2,553.60
02511	<b>Pavement Rehabilitation</b>								
02511.01	Rotomilling Surface Of Asphalt Pavement	S.Y.	40	\$20.27	\$810.80	\$19.00	\$760.00	\$16.89	\$675.60
02512	<b>Plant Mix Pavements</b>								
02512.016	6" Asphaltic Concrete Paving	S.Y.	550	\$54.25	\$29,837.50	\$51.00	\$28,050.00	\$46.44	\$25,542.00
02512.022	2" Asphaltic Concrete Patch	S.Y.	40	\$25.90	\$1,036.00	\$24.00	\$960.00	\$22.16	\$886.40
02512.028	8" Asphaltic Concrete Patch	S.Y.	215	\$107.25	\$23,058.75	\$100.00	\$21,500.00	\$91.82	\$19,741.30
02520	<b>Portland Cement Concrete Pavement</b>								
02520.018	8" Portland Cement Concrete Paving	S.Y.	7300	\$58.85	\$429,605.00	\$45.00	\$328,500.00	\$50.34	\$367,482.00
02528	<b>Concrete Curb Combined Curbs and Gutters</b>								
02528.013	Install New 30" Curb & Gutter	L.F.	2520	\$18.20	\$45,864.00	\$12.00	\$30,240.00	\$15.57	\$39,236.40
02530	<b>Concrete Sidewalks, Driveway Approaches, Curb Turn Fillets, Valley Gutters,Misc.</b>								

CLIENT: City of Gillette  
PROJECT NO. 16EN16 (153738.00)

**BID TABULATION FORM**  
**BOXELDER ROAD ENHANCEMENTS**

PCA ENGINEERING  
BID DATE: May 23, 2017

ITEM NO.	ITEM DESCRIPTION	UNIT	QUANTITY FOR BID	Engineer's Estimate		HIGH	LOW	AVE
				UNIT PRICE	TOTAL PRICE	UNIT PRICE	UNIT PRICE	UNIT PRICE
02075.06	Remove Curb & Gutter (Tangent)	L.F.	2640	\$4.75	\$12,540.00	\$6.43	\$3.00	\$4.39
02075.09	Remove Curb & Gutter (Radius)	L.F.	200	\$5.50	\$1,100.00	\$9.69	\$3.00	\$5.56
02075.10	Removal Of Concrete Fillet	S.F.	450	\$3.00	\$1,350.00	\$9.75	\$1.20	\$4.82
02075.11	Removal Of Concrete Valley Gutter	S.F.	350	\$3.15	\$1,102.50	\$2.50	\$1.20	\$1.72
02075.13	Removal Of Concrete Trickle Channel	S.F.	55	\$16.00	\$880.00	\$9.30	\$1.20	\$5.83
02210	<b>Excavation and Embankment</b>							
02210.01	Unclassified Excavation Above Subgrade	C.Y.	2010	\$8.50	\$17,085.00	\$10.12	\$3.45	\$7.69
02210.02	Excavation Below Subgrade	C.Y.	500	\$18.00	\$9,000.00	\$28.00	\$8.70	\$17.02
02210.03	Rejected Material Disposal	C.Y.	500	\$15.00	\$7,500.00	\$12.42	\$1.00	\$6.99
02210.04	Surplus Material Disposal	C.Y.	1200	\$10.00	\$12,000.00	\$12.96	\$7.55	\$9.50
2210.0712	12" Paved Road Subgrade Processing	S.Y.	8880	\$4.00	\$35,520.00	\$3.70	\$1.31	\$2.50
2210.0812	12" Subgrade Processing For Patch	S.Y.	240	\$20.00	\$4,800.00	\$14.00	\$2.55	\$7.25
02220	<b>Trench Excavation</b>							
02220.02	Underground Facility Locates	EA	25	\$300.00	\$7,500.00	\$364.90	\$120.00	\$216.97
02220.03	Underground Facility Crossing	EA	10	\$500.00	\$5,000.00	\$533.92	\$120.00	\$340.31
02225	<b>Trench Backfill</b>							
02225.02	Install Trench Foundation	TONS	50	\$50.00	\$2,500.00	\$120.00	\$33.55	\$71.08
02225.04	Install Cement Treated Fill Pipe Saddle	EA	1	\$500.00	\$500.00	\$2,963.23	\$600.00	\$1,780.74
02231	<b>Aggregate Sub-Base and Base Courses</b>							
02231.014	4" Aggregate Base	S.Y.	1950	\$11.00	\$21,450.00	\$15.00	\$10.30	\$11.89
02231.016	6" Aggregate Base	S.Y.	9100	\$11.75	\$106,925.00	\$11.55	\$9.40	\$10.15
02280	<b>Topsoil</b>							
02280.01	Place Topsoil	C.Y.	515	\$6.20	\$3,193.00	\$16.00	\$4.65	\$8.44
02280.03	Stockpile Topsoil	C.Y.	960	\$4.20	\$4,032.00	\$14.25	\$1.70	\$6.20
02511	<b>Pavement Rehabilitation</b>							
02511.01	Rotomilling Surface Of Asphalt Pavement	S.Y.	40	\$15.00	\$600.00	\$20.27	\$16.89	\$18.72
02512	<b>Plant Mix Pavements</b>							
02512.016	6" Asphaltic Concrete Paving	S.Y.	550	\$41.00	\$22,550.00	\$54.25	\$46.44	\$50.56
02512.022	2" Asphaltic Concrete Patch	S.Y.	40	\$15.75	\$630.00	\$25.90	\$22.16	\$24.02
02512.028	8" Asphaltic Concrete Patch	S.Y.	215	\$125.00	\$26,875.00	\$107.25	\$91.82	\$99.69
02520	<b>Portland Cement Concrete Pavement</b>							
02520.018	8" Portland Cement Concrete Paving	S.Y.	7300	\$46.80	\$341,640.00	\$58.85	\$45.00	\$51.40
02528	<b>Concrete Curb Combined Curbs and Gutters</b>							
02528.013	Install New 30" Curb & Gutter	L.F.	2520	\$22.50	\$56,700.00	\$18.20	\$12.00	\$15.26
02530	<b>Concrete Sidewalks, Driveway Approaches, Curb Turn Fill</b>							

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PROJECT NO. 16EN16 (153738.00)

**BID TABULATION FORM**  
**BOXELDER ROAD ENHANCEMENTS**

PCA ENGINEERING  
BID DATE: May 23, 2017

ITEM NO.	ITEM DESCRIPTION	UNIT	QUANTITY FOR BID	DRM INC.		Powder River Const		Earthworks	
				UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE
02530.014	Install Concrete Sidewalk (4")	S.F.	11270	\$3.85	\$43,389.50	\$4.25	\$47,897.50	\$3.27	\$36,852.90
02530.024	Install Colored Concrete Sidewalk (4")	S.F.	3780	\$6.35	\$24,003.00	\$6.50	\$24,570.00	\$5.44	\$20,563.20
02530.034	Install Stamped Concrete Sidewalk (4")	S.F.	3780	\$1.85	\$6,993.00	\$5.25	\$19,845.00	\$1.58	\$5,972.40
02530.046	Install Concrete Driveway (6")	S.F.	3040	\$6.60	\$20,064.00	\$7.00	\$21,280.00	\$5.65	\$17,176.00
02530.068	Install New Concrete Valley Gutter (8")	S.F.	670	\$10.50	\$7,035.00	\$9.00	\$6,030.00	\$8.97	\$6,009.90
02530.088	Install New Curb Return Fillet (8")	S.F.	1160	\$9.85	\$11,426.00	\$11.00	\$12,760.00	\$8.97	\$10,405.20
02530.10	Install Splash Pan For Fire Hydrant	S.F.	75	\$12.35	\$926.25	\$13.00	\$975.00	\$6.33	\$474.75
02530.124	Install Handicap Ramp (4")	S.F.	1650	\$11.10	\$18,315.00	\$8.00	\$13,200.00	\$9.50	\$15,675.00
02570	<b>Adjusting Street Fixtures</b>								
02570.01	Adjust Manhole	EA	5	\$655.00	\$3,275.00	\$350.00	\$1,750.00	\$601.61	\$3,008.05
02570.05	Adjust Water Valve Box	EA	6	\$462.00	\$2,772.00	\$350.00	\$2,100.00	\$337.74	\$2,026.44
02570.16	Adjust Water Vault	EA	2	\$616.00	\$1,232.00	\$350.00	\$700.00	\$601.61	\$1,203.22
02645	<b>Fire Hydrants</b>								
02645.01	Install Fire Hydrant Complete	EA	2	\$3,632.00	\$7,264.00	\$4,500.00	\$9,000.00	\$6,229.04	\$12,458.08
02665	<b>Water Distribution and Transmissions Systems</b>								
02665.016	Install 6" Water Main	L.F.	50	\$27.65	\$1,382.50	\$47.00	\$2,350.00	\$79.99	\$3,999.50
02665.018	Install 8" Water Main	L.F.	5	\$36.30	\$181.50	\$118.00	\$590.00	\$175.68	\$878.40
02665.03868	Install 8"x6"x8" Tee	EA	2	\$645.00	\$1,290.00	\$775.00	\$1,550.00	\$1,179.39	\$2,358.78
02665.108	Install 8" Mj Sleeve	EA	2	\$1,683.00	\$3,366.00	\$470.00	\$940.00	\$1,087.53	\$2,175.06
02665.116	Install 6" Gate Valve	EA	5	\$1,582.00	\$7,910.00	\$1,050.00	\$5,250.00	\$1,449.48	\$7,247.40
02665.118	Install 8" Gate Valve	EA	1	\$1,374.00	\$1,374.00	\$1,050.00	\$1,050.00	\$1,707.36	\$1,707.36
02665.18	Connect To Existing Water Main	EA	2	\$2,564.00	\$5,128.00	\$300.00	\$600.00	\$1,383.94	\$2,767.88
02725	<b>Storm Drains, Trickle Channels, and Culverts</b>								
02725.0118	Install 18" Rcp Storm Drain Pipe	L.F.	380	\$61.00	\$23,180.00	\$53.00	\$20,140.00	\$74.10	\$28,158.00
02725.0124	Install 24" Rcp Storm Drain Pipe	L.F.	135	\$80.50	\$10,867.50	\$63.00	\$8,505.00	\$92.02	\$12,422.70
02725.0412	Install 12" Corrugated Polyethylene Storm Drain Pipe	L.F.	65	\$36.60	\$2,379.00	\$41.00	\$2,665.00	\$49.30	\$3,204.50
2725.136	Install 60" Basic Storm Drain Manhole (5' Depth)	EA	1	\$4,004.00	\$4,004.00	\$5,250.00	\$5,250.00	\$6,918.25	\$6,918.25
02725.15	Additional Storm Drain Manhole Depth	V.F.	3	\$461.00	\$1,383.00	\$400.00	\$1,200.00	\$434.92	\$1,304.76
02725.16	Install Open Throat Storm Drain Inlet	EA	1	\$4,267.00	\$4,267.00	\$4,700.00	\$4,700.00	\$4,553.75	\$4,553.75
02725.17	Install Single Guttter Storm Drain Inlet	EA	4	\$4,092.00	\$16,368.00	\$4,405.00	\$17,620.00	\$4,806.73	\$19,226.92
02725.22	Install Sub-Drain System	L.F.	2000	\$12.10	\$24,200.00	\$19.00	\$38,000.00	\$13.79	\$27,580.00
02725.23	Install Sub-Drain Cleanout	EA	8	\$576.00	\$4,608.00	\$235.00	\$1,880.00	\$955.52	\$7,644.16
02725.24	Connect Sub-Drain To Storm Drain Inlet	EA	4	\$107.00	\$428.00	\$600.00	\$2,400.00	\$683.94	\$2,735.76
02725.30	Connect To Storm Drain Inlet	EA	2	\$340.00	\$680.00	\$600.00	\$1,200.00	\$896.60	\$1,793.20
02725.31	Connect To Storm Drain Manhole	EA	1	\$504.00	\$504.00	\$1,475.00	\$1,475.00	\$1,055.51	\$1,055.51
02725.33	Connect To Existing Storm Drain	EA	2	\$218.00	\$436.00	\$1,400.00	\$2,800.00	\$962.56	\$1,925.12



CLIENT: City of Gillette  
PROJECT NO. 16EN16 (153738.00)

**BID TABULATION FORM**  
**BOXELDER ROAD ENHANCEMENTS**

PCA ENGINEERING  
BID DATE: May 23, 2017

ITEM NO.	ITEM DESCRIPTION	UNIT	QUANTITY FOR BID	Engineer's Estimate		HIGH	LOW	AVE
				UNIT PRICE	TOTAL PRICE	UNIT	UNIT	UNIT
						PRICE	PRICE	PRICE
02530.014	Install Concrete Sidewalk (4")	S.F.	11270	\$4.15	\$46,770.50	\$4.25	\$3.27	\$3.79
02530.024	Install Colored Concrete Sidewalk (4")	S.F.	3780	\$4.00	\$15,120.00	\$6.50	\$5.44	\$6.10
02530.034	Install Stamped Concrete Sidewalk (4")	S.F.	3780	\$4.00	\$15,120.00	\$5.25	\$1.58	\$2.89
02530.046	Install Concrete Driveway (6")	S.F.	3040	\$6.75	\$20,520.00	\$7.00	\$5.65	\$6.42
02530.068	Install New Concrete Valley Gutter (8")	S.F.	670	\$11.75	\$7,872.50	\$10.50	\$8.97	\$9.49
02530.088	Install New Curb Return Fillet (8")	S.F.	1160	\$11.75	\$13,630.00	\$11.00	\$8.97	\$9.94
02530.10	Install Splash Pan For Fire Hydrant	S.F.	75	\$9.00	\$675.00	\$13.00	\$6.33	\$10.56
02530.124	Install Handicap Ramp (4")	S.F.	1650	\$18.00	\$29,700.00	\$11.10	\$8.00	\$9.53
02570	<b>Adjusting Street Fixtures</b>							
02570.01	Adjust Manhole	EA	5	\$500.00	\$2,500.00	\$655.00	\$350.00	\$535.54
02570.05	Adjust Water Valve Box	EA	6	\$390.00	\$2,340.00	\$462.00	\$337.74	\$383.25
02570.16	Adjust Water Vault	EA	2	\$600.00	\$1,200.00	\$616.00	\$350.00	\$522.54
02645	<b>Fire Hydrants</b>							
02645.01	Install Fire Hydrant Complete	EA	2	\$6,500.00	\$13,000.00	\$6,229.04	\$3,632.00	\$4,787.01
02665	<b>Water Distribution and Transmissions Systems</b>							
02665.016	Install 6" Water Main	L.F.	50	\$45.00	\$2,250.00	\$79.99	\$27.65	\$51.55
02665.018	Install 8" Water Main	L.F.	5	\$50.00	\$250.00	\$175.68	\$36.30	\$109.99
02665.03868	Install 8"x6"x8" Tee	EA	2	\$850.00	\$1,700.00	\$1,179.39	\$645.00	\$866.46
02665.108	Install 8" Mj Sleeve	EA	2	\$300.00	\$600.00	\$1,683.00	\$470.00	\$1,080.18
02665.116	Install 6" Gate Valve	EA	5	\$1,500.00	\$7,500.00	\$1,582.00	\$1,050.00	\$1,360.49
02665.118	Install 8" Gate Valve	EA	1	\$1,750.00	\$1,750.00	\$1,707.36	\$1,050.00	\$1,377.12
02665.18	Connect To Existing Water Main	EA	2	\$1,000.00	\$2,000.00	\$2,564.00	\$300.00	\$1,415.98
02725	<b>Storm Drains, Trickle Channels, and Culverts</b>							
02725.0118	Install 18" Rcp Storm Drain Pipe	L.F.	380	\$65.00	\$24,700.00	\$74.10	\$53.00	\$62.70
02725.0124	Install 24" Rcp Storm Drain Pipe	L.F.	135	\$85.00	\$11,475.00	\$92.02	\$63.00	\$78.51
02725.0412	Install 12" Corrugated Polyethylene Storm Drain Pipe	L.F.	65	\$35.00	\$2,275.00	\$49.30	\$36.60	\$42.30
2725.136	Install 60" Basic Storm Drain Manhole (5' Depth)	EA	1	\$4,900.00	\$4,900.00	\$6,918.25	\$4,004.00	\$5,390.75
02725.15	Additional Storm Drain Manhole Depth	V.F.	3	\$600.00	\$1,800.00	\$461.00	\$400.00	\$431.97
02725.16	Install Open Throat Storm Drain Inlet	EA	1	\$5,000.00	\$5,000.00	\$4,700.00	\$4,267.00	\$4,506.92
02725.17	Install Single Guttter Storm Drain Inlet	EA	4	\$4,000.00	\$16,000.00	\$4,806.73	\$4,092.00	\$4,434.58
02725.22	Install Sub-Drain System	L.F.	2000	\$16.00	\$32,000.00	\$19.00	\$12.10	\$14.96
02725.23	Install Sub-Drain Cleanout	EA	8	\$250.00	\$2,000.00	\$955.52	\$235.00	\$588.84
02725.24	Connect Sub-Drain To Storm Drain Inlet	EA	4	\$275.00	\$1,100.00	\$683.94	\$107.00	\$463.65
02725.30	Connect To Storm Drain Inlet	EA	2	\$500.00	\$1,000.00	\$896.60	\$340.00	\$612.20
02725.31	Connect To Storm Drain Manhole	EA	1	\$500.00	\$500.00	\$1,475.00	\$504.00	\$1,011.50
02725.33	Connect To Existing Storm Drain	EA	2	\$500.00	\$1,000.00	\$1,400.00	\$218.00	\$860.19



CLIENT: City of Gillette  
PROJECT NO. 16EN16 (153738.00)

**BID TABULATION FORM**  
**BOXELDER ROAD ENHANCEMENTS**

PCA ENGINEERING  
BID DATE: May 23, 2017

ITEM NO.	ITEM DESCRIPTION	UNIT	QUANTITY FOR BID	DRM INC.		Powder River Const		Earthworks	
				UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE
02805	<b>Relocated Street Signs, Utility Poles, and Mailboxes</b>								
02805.01	Install Sign	EA	8	\$246.00	\$1,968.00	\$235.00	\$1,880.00	\$211.09	\$1,688.72
02805.02	Removal Of Sign	EA	7	\$35.00	\$245.00	\$150.00	\$1,050.00	\$131.93	\$923.51
02895	<b>Engineering Fabric</b>								
02895.01	Install Fabric (Separation)	S.Y.	8860	\$1.40	\$12,404.00	\$1.00	\$8,860.00	\$1.24	\$10,986.40
02895.02	Install Geogrid	S.Y.	1000	\$2.40	\$2,400.00	\$2.50	\$2,500.00	\$1.60	\$1,600.00
02900	<b>Landscaping</b>								
02900.01	Install Landscaping	EA	1	\$740.00	\$740.00	\$700.00	\$700.00	\$633.27	\$633.27
02900.02	Install Sprinkler System	EA	1	\$2,219.00	\$2,219.00	\$2,100.00	\$2,100.00	\$1,899.81	\$1,899.81
02900.06	Hydroseeding	S.F.	28000	\$0.20	\$5,600.00	\$0.20	\$5,600.00	\$0.16	\$4,480.00
02900.07	Sodding	S.F.	2500	\$3.70	\$9,250.00	\$3.50	\$8,750.00	\$3.17	\$7,925.00
02900.10	Install Fence (Wood Picket)	L.F.	205	\$36.00	\$7,380.00	\$35.00	\$7,175.00	\$31.66	\$6,490.30
16000	<b>Electrical</b>								
16000.0124	24" Deep Trenching	L.F.	1060	\$4.30	\$4,558.00	\$4.00	\$4,240.00	\$2.11	\$2,236.60
16000.021	Install 1" Electrical Pvc Conduit	L.F.	1060	\$4.30	\$4,558.00	\$1.75	\$1,855.00	\$5.54	\$5,872.40
16000.16	Remove Highway Luminaire	EA	6	\$494.00	\$2,964.00	\$470.00	\$2,820.00	\$422.18	\$2,533.08
16000.17	Install Residential Luminaire	EA	6	\$370.00	\$2,220.00	\$350.00	\$2,100.00	\$527.73	\$3,166.38
16000.18	Install Highway Luminaire	EA	1	\$616.00	\$616.00	\$600.00	\$600.00	\$1,899.81	\$1,899.81
16000.2210	Install No. 10 Awg, Conductor	L.F.	1270	\$2.50	\$3,175.00	\$2.50	\$3,175.00	\$2.01	\$2,552.70
	<b>Traffic Signals</b>								
16000.161	Remove Wood Poles	EA	4	\$494.00	\$1,976.00	\$500.00	\$2,000.00	\$580.50	\$2,322.00
16000.162	Remove Traffic Signal Heads	EA	13	\$98.60	\$1,281.80	\$95.00	\$1,235.00	\$158.32	\$2,058.16
16000.163	Remove Luminaires and Arms	EA	4	\$154.00	\$616.00	\$150.00	\$600.00	\$211.09	\$844.36
16000.164	Remove Ped Heads	EA	8	\$61.60	\$492.80	\$60.00	\$480.00	\$116.10	\$928.80
16000.165	Remove Video Cameras	EA	2	\$92.55	\$185.10	\$88.00	\$176.00	\$105.55	\$211.10
16000.166	Remove Span Wire and Signal Wire	LS	1	\$493.00	\$493.00	\$475.00	\$475.00	\$1,583.18	\$1,583.18
16000.167	Remove Overhead Signs & Brackets	EA	7	\$30.00	\$210.00	\$30.00	\$210.00	\$258.59	\$1,810.13
16000.168	Remove Pushbuttons	EA	8	\$30.00	\$240.00	\$30.00	\$240.00	\$63.33	\$506.64
16000.05TS	Install Traffic Signal Pole Foundation	EA	4	\$2,465.00	\$9,860.00	\$2,350.00	\$9,400.00	\$1,393.20	\$5,572.80
16000.19	Install Traffic Signal Pole & Mast Arm	EA	4	\$1,602.00	\$6,408.00	\$1,525.00	\$6,100.00	\$949.91	\$3,799.64
16000.25	Install Pedestrian Head (removed)	EA	8	\$92.55	\$740.40	\$88.00	\$704.00	\$158.32	\$1,266.56
16000.26	Install Pedestrian Push Button (removed)	EA	8	\$61.60	\$492.80	\$56.00	\$448.00	\$94.99	\$759.92
16000.27	Install Traffic Signal Head (Removed)	EA	8	\$154.00	\$1,232.00	\$150.00	\$1,200.00	\$337.74	\$2,701.92
16000.28R	Traffic Signal Head w/ Backplate (removed)	EA	5	\$123.00	\$615.00	\$115.00	\$575.00	\$337.74	\$1,688.70
16000.28N	Traffic Signal Head w/ Backplate (new)	EA	3	\$154.00	\$462.00	\$145.00	\$435.00	\$337.74	\$1,013.22
16000.281	Install Overhead Signs & Brackets (removed)	EA	3	\$92.55	\$277.65	\$88.00	\$264.00	\$337.74	\$1,013.22

CLIENT: City of Gillette  
PROJECT NO. 16EN16 (153738.00)

**BID TABULATION FORM**  
**BOXELDER ROAD ENHANCEMENTS**

PCA ENGINEERING  
BID DATE: May 23, 2017

ITEM NO.	ITEM DESCRIPTION	UNIT	QUANTITY FOR BID	Engineer's Estimate		HIGH	LOW	AVE
				UNIT PRICE	TOTAL PRICE	UNIT	UNIT	UNIT
						PRICE	PRICE	PRICE
02805	<b>Relocated Street Signs, Utility Poles, and Mailboxes</b>							
02805.01	Install Sign	EA	8	\$400.00	\$3,200.00	\$246.00	\$211.09	\$230.70
02805.02	Removal Of Sign	EA	7	\$150.00	\$1,050.00	\$150.00	\$35.00	\$105.64
02895	<b>Engineering Fabric</b>							
02895.01	Install Fabric (Separation)	S.Y.	8860	\$1.75	\$15,505.00	\$1.40	\$1.00	\$1.21
02895.02	Install Geogrid	S.Y.	1000	\$3.25	\$3,250.00	\$2.50	\$1.60	\$2.17
02900	<b>Landscaping</b>							
02900.01	Install Landscaping	EA	1	\$1,000.00	\$1,000.00	\$740.00	\$633.27	\$691.09
02900.02	Install Sprinkler System	EA	1	\$2,500.00	\$2,500.00	\$2,219.00	\$1,899.81	\$2,072.94
02900.06	Hydroseeding	S.F.	28000	\$0.20	\$5,600.00	\$0.20	\$0.16	\$0.19
02900.07	Sodding	S.F.	2500	\$2.00	\$5,000.00	\$3.70	\$3.17	\$3.46
02900.10	Install Fence (Wood Picket)	L.F.	205	\$45.00	\$9,225.00	\$36.00	\$31.66	\$34.22
16000	<b>Electrical</b>							
16000.0124	24" Deep Trenching	L.F.	1060	\$1.50	\$1,590.00	\$4.30	\$2.11	\$3.47
16000.021	Install 1" Electrical Pvc Conduit	L.F.	1060	\$3.00	\$3,180.00	\$5.54	\$1.75	\$3.86
16000.16	Remove Highway Luminaire	EA	6	\$6.50	\$39.00	\$494.00	\$422.18	\$462.06
16000.17	Install Residential Luminaire	EA	6	\$850.00	\$5,100.00	\$527.73	\$350.00	\$415.91
16000.18	Install Highway Luminaire	EA	1	\$1,500.00	\$1,500.00	\$1,899.81	\$600.00	\$1,038.60
16000.2210	Install No. 10 Awg, Conductor	L.F.	1270	\$1.30	\$1,651.00	\$2.50	\$2.01	\$2.34
	<b>Traffic Signals</b>							
16000.161	Remove Wood Poles	EA	4	\$750.00	\$3,000.00	\$580.50	\$494.00	\$524.83
16000.162	Remove Traffic Signal Heads	EA	13	\$250.00	\$3,250.00	\$158.32	\$95.00	\$117.31
16000.163	Remove Luminaires and Arms	EA	4	\$300.00	\$1,200.00	\$211.09	\$150.00	\$171.70
16000.164	Remove Ped Heads	EA	8	\$250.00	\$2,000.00	\$116.10	\$60.00	\$79.23
16000.165	Remove Video Cameras	EA	2	\$300.00	\$600.00	\$105.55	\$88.00	\$95.37
16000.166	Remove Span Wire and Signal Wire	LS	1	\$1,000.00	\$1,000.00	\$1,583.18	\$475.00	\$850.39
16000.167	Remove Overhead Signs & Brackets	EA	7	\$300.00	\$2,100.00	\$258.59	\$30.00	\$106.20
16000.168	Remove Pushbuttons	EA	8	\$100.00	\$800.00	\$63.33	\$30.00	\$41.11
16000.05TS	Install Traffic Signal Pole Foundation	EA	4	\$2,000.00	\$8,000.00	\$2,465.00	\$1,393.20	\$2,069.40
16000.19	Install Traffic Signal Pole & Mast Arm	EA	4	\$1,000.00	\$4,000.00	\$1,602.00	\$949.91	\$1,358.97
16000.25	Install Pedestrian Head (removed)	EA	8	\$400.00	\$3,200.00	\$158.32	\$88.00	\$112.96
16000.26	Install Pedestrian Push Button (removed)	EA	8	\$300.00	\$2,400.00	\$94.99	\$56.00	\$70.86
16000.27	Install Traffic Signal Head (Removed)	EA	8	\$600.00	\$4,800.00	\$337.74	\$150.00	\$213.91
16000.28R	Traffic Signal Head w/ Backplate (removed)	EA	5	\$650.00	\$3,250.00	\$337.74	\$115.00	\$191.91
16000.28N	Traffic Signal Head w/ Backplate (new)	EA	3	\$700.00	\$2,100.00	\$337.74	\$145.00	\$212.25
16000.281	Install Overhead Signs & Brackets (removed)	EA	3	\$300.00	\$900.00	\$337.74	\$88.00	\$172.76

CLIENT: City of Gillette  
PROJECT NO. 16EN16 (153738.00)

**BID TABULATION FORM**  
**BOXELDER ROAD ENHANCEMENTS**

PCA ENGINEERING  
BID DATE: May 23, 2017

ITEM NO.	ITEM DESCRIPTION	UNIT	QUANTITY FOR BID	DRM INC.		Powder River Const		Earthworks	
				UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE
16000.282	Install Overhead Signs & Brackets (new)	EA	6	\$92.55	\$555.30	\$88.00	\$528.00	\$337.74	\$2,026.44
16000.18	Install Luminaire and Arm (removed)	EA	4	\$185.10	\$740.40	\$175.00	\$700.00	\$337.75	\$1,351.00
16000.02.3	3" PVC Conduit	LF	335	\$11.10	\$3,718.50	\$10.00	\$3,350.00	\$10.55	\$3,534.25
16000.04	3 Electrical Conductor W Ground (#12)	LF	160	\$2.45	\$392.00	\$2.25	\$360.00	\$3.43	\$548.80
16000.09	Type B Pullbox	EA	3	\$740.00	\$2,220.00	\$700.00	\$2,100.00	\$833.81	\$2,501.43
16000.20v	Video Camera w/mount (new)	EA	2	\$308.00	\$616.00	\$300.00	\$600.00	\$158.32	\$316.64
16000.20v	Video Camera (removed)	EA	2	\$246.00	\$492.00	\$235.00	\$470.00	\$158.32	\$316.64
16000.21v	Video Cable	LF	160	\$2.45	\$392.00	\$2.50	\$400.00	\$5.38	\$860.80
16000.22.14	Color Coded Wire #8 AWG	LF	280	\$0.60	\$168.00	\$0.60	\$168.00	\$3.11	\$870.80
16000.23.3	3c Traffic Cable	LF	200	\$2.45	\$490.00	\$2.50	\$500.00	\$4.22	\$844.00
16000.23.5	5c Traffic Cable	LF	690	\$3.00	\$2,070.00	\$3.00	\$2,070.00	\$2.64	\$1,821.60
16000.23.7	7c Traffic Cable	LF	260	\$3.70	\$962.00	\$3.50	\$910.00	\$3.38	\$878.80
16000.23.20	20c Traffic Cable	LF	370	\$6.15	\$2,275.50	\$6.00	\$2,220.00	\$5.38	\$1,990.60
16000.23.8	Single c #8 AWG	LF	740	\$1.20	\$888.00	\$1.00	\$740.00	\$2.11	\$1,561.40
16000.23R	1/4" Poly Rope	LF	370	\$0.60	\$222.00	\$1.00	\$370.00	\$0.42	\$155.40
					\$1,423,945.45		\$1,336,346.25		\$1,424,649.00

CLIENT: City of Gillette  
PROJECT NO. 16EN16 (153738.00)

**BID TABULATION FORM**  
**BOXELDER ROAD ENHANCEMENTS**

PCA ENGINEERING  
BID DATE: May 23, 2017

ITEM NO.	ITEM DESCRIPTION	UNIT	QUANTITY FOR BID	Engineer's Estimate		HIGH	LOW	AVE
				UNIT PRICE	TOTAL PRICE	UNIT PRICE	UNIT PRICE	UNIT PRICE
16000.282	Install Overhead Signs & Brackets (new)	EA	6	\$400.00	\$2,400.00	\$337.74	\$88.00	\$172.76
16000.18	Install Luminaire and Arm (removed)	EA	4	\$800.00	\$3,200.00	\$337.75	\$175.00	\$232.62
16000.02.3	3" PVC Conduit	LF	335	\$50.00	\$16,750.00	\$11.10	\$10.00	\$10.55
16000.04	3 Electrical Conductor W Ground (#12)	LF	160	\$1.00	\$160.00	\$3.43	\$2.25	\$2.71
16000.09	Type B Pullbox	EA	3	\$1,500.00	\$4,500.00	\$833.81	\$700.00	\$757.94
16000.20v	Video Camera w/mount (new)	EA	2	\$500.00	\$1,000.00	\$308.00	\$158.32	\$255.44
16000.20v	Video Camera (removed)	EA	2	\$400.00	\$800.00	\$246.00	\$158.32	\$213.11
16000.21v	Video Cable	LF	160	\$1.50	\$240.00	\$5.38	\$2.45	\$3.44
16000.22.14	Color Coded Wire #8 AWG	LF	280	\$1.50	\$420.00	\$3.11	\$0.60	\$1.44
16000.23.3	3c Traffic Cable	LF	200	\$2.50	\$500.00	\$4.22	\$2.45	\$3.06
16000.23.5	5c Traffic Cable	LF	690	\$4.00	\$2,760.00	\$3.00	\$2.64	\$2.88
16000.23.7	7c Traffic Cable	LF	260	\$5.00	\$1,300.00	\$3.70	\$3.38	\$3.53
16000.23.20	20c Traffic Cable	LF	370	\$8.00	\$2,960.00	\$6.15	\$5.38	\$5.84
16000.23.8	Single c #8 AWG	LF	740	\$1.25	\$925.00	\$2.11	\$1.00	\$1.44
16000.23R	1/4" Poly Rope	LF	370	\$0.50	\$185.00	\$1.00	\$0.42	\$0.67
					\$1,378,838.79			