

**WASTEWATER SYSTEM IMPROVEMENTS
PIERPONT, SOUTH DAKOTA
USDA #92/02 & 00/03; CDBG #1617-105
A-6830
BID TABULATION
12/12/2019**

Bid Schedule A - CIPP & Sanitary Sewer Piping				A.P. & Sons Construction Inc. Summit, SD		J & J Earth Works, Inc. Milbank, SD		Crow River Construction New London, MN		Engineer's Estimate	
Item #	Item Description	Quantity	Unit	Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price
1	Mobilization	1	LS	\$69,000.00	\$69,000.00	\$98,000.00	\$98,000.00	\$130,000.00	\$130,000.00	\$77,100.00	\$77,100.00
2	Remove and Dispose of Existing Asphalt	296	SqYd	\$7.00	\$2,072.00	\$7.00	\$2,072.00	\$7.00	\$2,072.00	\$5.00	\$1,480.00
3	Remove and Dispose of Existing Manhole	31	Each	\$300.00	\$9,300.00	\$400.00	\$12,400.00	\$800.00	\$24,800.00	\$250.00	\$7,750.00
4	Remove, Salvage, and Reinstall 4' Chain Link Fence	20	LF	\$25.00	\$500.00	\$75.00	\$1,500.00	\$45.00	\$900.00	\$40.00	\$800.00
5	Remove and Replace 15" CMP Culvert	15	LF	\$29.50	\$442.50	\$65.00	\$975.00	\$75.00	\$1,125.00	\$45.00	\$675.00
6	Remove and Replace 18" RCP Culvert	39	LF	\$52.00	\$2,028.00	\$70.00	\$2,730.00	\$90.00	\$3,510.00	\$60.00	\$2,340.00
7	Remove and Replace 24" RCP Culvert	25	LF	\$65.00	\$1,625.00	\$85.00	\$2,125.00	\$110.00	\$2,750.00	\$60.00	\$1,500.00
8	Remove and Replace 24" RCP Flared End	2	Each	\$1,225.00	\$2,450.00	\$750.00	\$1,500.00	\$1,200.00	\$2,400.00	\$500.00	\$1,000.00
9	Clean, Inspect, and Prerehabilitation Televisive of 8" Diameter Sanitary Sewer	5,092	LF	\$4.72	\$24,034.24	\$4.65	\$23,677.80	\$4.00	\$20,368.00	\$2.75	\$14,003.00
10	Bypass Pumping for Lining	1	LS	\$560.00	\$560.00	\$600.00	\$600.00	\$600.00	\$600.00	\$10,000.00	\$10,000.00
11	Sewer Service Tap Cut Out to Reinstate Service	60	Each	\$84.00	\$5,040.00	\$100.00	\$6,000.00	\$90.00	\$5,400.00	\$200.00	\$12,000.00
12	Cut Out Sewer Obstruction and Protruding Taps	58	Each	\$56.00	\$3,248.00	\$70.00	\$4,060.00	\$60.00	\$3,480.00	\$225.00	\$13,050.00
13	Cut Out Sewer Deposits	56	Each	\$56.00	\$3,136.00	\$70.00	\$3,920.00	\$60.00	\$3,360.00	\$35.00	\$1,960.00
14	8" Cured in Place Pipe Liner (CIPP Liner)	5,092	LF	\$17.80	\$90,637.60	\$17.50	\$89,110.00	\$20.00	\$101,840.00	\$30.00	\$152,760.00
15	Post-Rehabilitation Televising of 8" Diameter Sewer	5,092	LF	\$1.10	\$5,601.20	\$1.10	\$5,601.20	\$1.00	\$5,092.00	\$1.50	\$7,638.00
16	8" Sanitary Sewer Pipe (Outfall Line)	1,730	LF	\$33.00	\$57,090.00	\$34.00	\$58,820.00	\$45.00	\$77,850.00	\$45.00	\$77,850.00
17	8" Sanitary Sewer Pipe	5,007	LF	\$39.00	\$195,273.00	\$52.00	\$260,364.00	\$55.00	\$275,385.00	\$60.00	\$300,420.00
18	Bypass Pumping for Replacement	1	LS	\$1,500.00	\$1,500.00	\$5,000.00	\$5,000.00	\$18,000.00	\$18,000.00	\$7,500.00	\$7,500.00
19	Bore & Jack 16" Steel Casing Pipe	60	LF	\$650.00	\$39,000.00	\$330.00	\$19,800.00	\$750.00	\$45,000.00	\$275.00	\$16,500.00
20	8" Carrier Sewer Pipe Through Steel Casing	60	LF	\$21.50	\$1,290.00	\$48.00	\$2,880.00	\$60.00	\$3,600.00	\$60.00	\$3,600.00
21	Abandon Existing Sewer Main - Flowable Fill	784	LF	\$11.00	\$8,624.00	\$5.50	\$4,312.00	\$12.00	\$9,408.00	\$14.00	\$10,976.00
22	Sanitary Sewer Manhole	32	Each	\$2,845.00	\$91,040.00	\$3,950.00	\$126,400.00	\$5,200.00	\$166,400.00	\$4,350.00	\$139,200.00

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Bid Schedule A - CIPP & Sanitary Sewer Piping				A.P. & Sons Construction Inc. Summit, SD		J & J Earth Works, Inc. Milbank, SD		Crow River Construction New London, MN		Engineer's Estimate	
Item #	Item Description	Quantity	Unit	Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price
23	Connect to Existing Sewer Main	32	Each	\$500.00	\$16,000.00	\$500.00	\$16,000.00	\$800.00	\$25,600.00	\$750.00	\$24,000.00
24	Extra Depth Manhole	55	VF	\$92.00	\$5,060.00	\$185.00	\$10,175.00	\$350.00	\$19,250.00	\$200.00	\$11,000.00
25	Connect to Existing Sewer Service	25	Each	\$250.00	\$6,250.00	\$275.00	\$6,875.00	\$450.00	\$11,250.00	\$400.00	\$10,000.00
26	8" x 4" Sanitary Sewer Wye	24	Each	\$125.00	\$3,000.00	\$200.00	\$4,800.00	\$275.00	\$6,600.00	\$400.00	\$9,600.00
27	8" x 6" Sanitary Sewer Wye	1	Each	\$150.00	\$150.00	\$225.00	\$225.00	\$300.00	\$300.00	\$500.00	\$500.00
28	4" Sanitary Sewer Service Pipe	144	LF	\$30.00	\$4,320.00	\$45.00	\$6,480.00	\$45.00	\$6,480.00	\$34.00	\$4,896.00
29	6" Sanitary Sewer Service Pipe	6	LF	\$40.00	\$240.00	\$55.00	\$330.00	\$48.00	\$288.00	\$38.00	\$228.00
30	8" Sewermain Cap	2	Each	\$75.00	\$150.00	\$50.00	\$100.00	\$100.00	\$200.00	\$150.00	\$300.00
31	Pipe Bedding Material	2,290.0	Tons	\$10.50	\$24,045.00	\$11.50	\$26,335.00	\$12.00	\$27,480.00	\$12.00	\$27,480.00
32	Manhole Exfiltration/Vacuum Testing	32	Each	\$250.00	\$8,000.00	\$300.00	\$9,600.00	\$200.00	\$6,400.00	\$225.00	\$7,200.00
33	Asphalt Surfacing	80	Tons	\$230.00	\$18,400.00	\$170.00	\$13,600.00	\$100.00	\$8,000.00	\$150.00	\$12,000.00
34	Gravel Street Repair	915	Tons	\$11.25	\$10,293.75	\$19.00	\$17,385.00	\$22.00	\$20,130.00	\$20.00	\$18,300.00
35	Granular Base Course	375	Tons	\$11.25	\$4,218.75	\$19.00	\$7,125.00	\$20.00	\$7,500.00	\$21.00	\$7,875.00
36	Geotextile Separator Fabric	650	SqYd	\$1.25	\$812.50	\$1.50	\$975.00	\$3.00	\$1,950.00	\$2.50	\$1,625.00
37	Traffic Control	1	LS	\$7,500.00	\$7,500.00	\$7,000.00	\$7,000.00	\$8,000.00	\$8,000.00	\$15,000.00	\$15,000.00
38	Topsoil, Seed, Fertilize & Mulch	0.75	Acre	\$7,600.00	\$5,700.00	\$6,000.00	\$4,500.00	\$6,000.00	\$4,500.00	\$5,800.00	\$4,350.00
39	12" Casing Pipe	40	LF	\$30.00	\$1,200.00	\$62.00	\$2,480.00	\$78.00	\$3,120.00	\$65.00	\$2,600.00
40	Exploratory Excavation	30	Hours	\$125.00	\$3,750.00	\$500.00	\$15,000.00	\$400.00	\$12,000.00	\$225.00	\$6,750.00
41	Contaminated Soil Removal	200	Tons	\$25.00	\$5,000.00	\$30.00	\$6,000.00	\$42.00	\$8,400.00	\$60.00	\$12,000.00
42	Nitrile Butadiene Gaskets	20	Each	\$50.00	\$1,000.00	\$30.00	\$600.00	\$150.00	\$3,000.00	\$100.00	\$2,000.00
43	Project Sign	1	Each	\$1,500.00	\$1,500.00	\$1,500.00	\$1,500.00	\$600.00	\$600.00	\$2,000.00	\$2,000.00

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Item #	Item Description	Quantity	Unit	Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price
44	High Flow Silt Fence	135	LF	\$5.60	\$756.00	\$6.00	\$810.00	\$3.00	\$405.00	\$5.50	\$742.50
45	Surface Inlet Protection	1	Each	\$168.00	\$168.00	\$250.00	\$250.00	\$150.00	\$150.00	\$250.00	\$250.00
Total Bid Schedule A				\$741,005.54		\$889,992.00		\$1,084,943.00		\$1,040,798.50	

Alternate Bid A1 - Cleanouts for Services on New Mainline				A.P. & Sons Construction Inc. Summit, SD		J & J Earth Works, Inc. Milbank, SD		Crow River Construction New London, MN		Engineer's Estimate	
Item #	Item Description	Quantity	Unit	Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price
1	Mobilization	1	LS	\$1,000.00	\$1,000.00	\$5,000.00	\$5,000.00	\$4,200.00	\$4,200.00	\$1,800.00	\$1,800.00
2	4" Sewer Cleanout	24	Each	\$160.00	\$3,840.00	\$500.00	\$12,000.00	\$450.00	\$10,800.00	\$500.00	\$12,000.00
3	6" Sewer Cleanout	1	Each	\$270.00	\$270.00	\$500.00	\$500.00	\$475.00	\$475.00	\$600.00	\$600.00
4	4" Sanitary Sewer Service Pipe	216	LF	\$25.00	\$5,400.00	\$45.00	\$9,720.00	\$45.00	\$9,720.00	\$42.00	\$9,072.00
5	6" Sanitary Sewer Service Pipe	9	LF	\$40.00	\$360.00	\$55.00	\$495.00	\$48.00	\$432.00	\$60.00	\$540.00
Total Alternate Bid A1				\$10,870.00		\$27,715.00		\$25,627.00		\$24,012.00	

Alternate Bid A2 - Sewer Service Connection to 8" CIPP				A.P. & Sons Construction Inc. Summit, SD		J & J Earth Works, Inc. Milbank, SD		Crow River Construction New London, MN		Engineer's Estimate	
Item #	Item Description	Quantity	Unit	Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price
1	Mobilization	1	LS	\$2,800.00	\$2,800.00	\$8,500.00	\$8,500.00	\$10,000.00	\$10,000.00	\$5,400.00	\$5,400.00
2	8" x 4" Saddle Wye	59	Each	\$250.00	\$14,750.00	\$1,250.00	\$73,750.00	\$1,600.00	\$94,400.00	\$450.00	\$26,550.00
3	8" x 6" Saddle Wye	1	Each	\$300.00	\$300.00	\$1,300.00	\$1,300.00	\$1,650.00	\$1,650.00	\$600.00	\$600.00
4	4" Cleanout	59	Each	\$140.00	\$8,260.00	\$550.00	\$32,450.00	\$850.00	\$50,150.00	\$500.00	\$29,500.00
5	6" Cleanout	1	Each	\$300.00	\$300.00	\$600.00	\$600.00	\$900.00	\$900.00	\$600.00	\$600.00
6	4" Sanitary Sewer Service Pipe	216	LF	\$25.00	\$5,400.00	\$70.00	\$15,120.00	\$45.00	\$9,720.00	\$42.00	\$9,072.00
7	6" Sanitary Sewer Service Pipe	9	LF	\$40.00	\$360.00	\$80.00	\$720.00	\$48.00	\$432.00	\$60.00	\$540.00
Total Alternate Bid A2				\$32,170.00		\$132,440.00		\$167,252.00		\$72,262.00	

Alternate Bid A3 - Lateral Connection Repair on CIPP				A.P. & Sons Construction Inc. Summit, SD		J & J Earth Works, Inc. Milbank, SD		Crow River Construction New London, MN		Engineer's Estimate	
Item #	Item Description	Quantity	Unit	Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price
1	Mobilization	1	LS	\$5,000.00	\$5,000.00	\$8,000.00	\$8,000.00	\$10,000.00	\$10,000.00	\$10,800.00	\$10,800.00
2	Lateral Connection Repair	60	Each	\$7,750.00	\$465,000.00	\$1,500.00	\$90,000.00	\$1,600.00	\$96,000.00	\$2,250.00	\$135,000.00
Total Alternate Bid A3				\$470,000.00		\$98,000.00		\$106,000.00		\$145,800.00	

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Bid Schedule B - Pond Rehabilitation: Cell 1, Cell 2, & Artificial Wetland				J & J Earth Works, Inc. Milbank, SD		A.P. & Sons Construction Inc. Summit, SD		B & B Contracting, Inc. Aberdeen, SD	
Item #	Item Description	Quantity	Unit	Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price
1	Mobilization	1	LS	\$58,000.00	\$58,000.00	\$45,000.00	\$45,000.00	\$57,193.46	\$57,193.46
2	Remove and Dispose of Existing Pond Aprons	5	Each	\$400.00	\$2,000.00	\$250.00	\$1,250.00	\$500.00	\$2,500.00
3	Remove and Dispose of Existing Pond Valve	1	Each	\$100.00	\$100.00	\$150.00	\$150.00	\$250.00	\$250.00
4	Remove and Dispose of Existing Pond Piping	338	LF	\$7.00	\$2,366.00	\$10.00	\$3,380.00	\$12.00	\$4,056.00
5	Remove and Dispose of Existing Barb Wire Fence	2,980	LF	\$0.30	\$894.00	\$0.35	\$1,043.00	\$1.00	\$2,980.00
6	Unclassified Excavation/Grading	16,379	CuYd	\$4.25	\$69,610.75	\$9.00	\$147,411.00	\$6.00	\$98,274.00
7	Place Excavated Muck/Sludge	4,650	CuYd	\$3.00	\$13,950.00	\$13.00	\$60,450.00	\$10.00	\$46,500.00
8	Topsoiling from Stockpile	5,235	CuYd	\$4.00	\$20,940.00	\$5.00	\$26,175.00	\$6.00	\$31,410.00
9	Scarify & Recompect Cell Floors	6,135	CuYd	\$1.75	\$10,736.25	\$1.00	\$6,135.00	\$3.00	\$18,405.00
10	Disposal of Excess Material	351	CuYd	\$5.00	\$1,755.00	\$10.00	\$3,510.00	\$8.00	\$2,808.00
11	Bypass Pumping	1	LS	\$25,000.00	\$25,000.00	\$2,500.00	\$2,500.00	\$12,000.00	\$12,000.00
12	Topsoil, Seed, Fertilize & Mulch	6	Acre	\$3,100.00	\$19,282.00	\$3,100.00	\$19,282.00	\$3,162.50	\$19,670.75
13	80 Mil HDPE Geomembrane Liner	16,420	SqYd	\$8.50	\$139,570.00	\$8.00	\$131,360.00	\$7.90	\$129,718.00
14	HDPE Safety Ladder	4	Each	\$1,100.00	\$4,400.00	\$800.00	\$3,200.00	\$825.00	\$3,300.00
15	Field Testing of Geomembrane Liner and Report	1	LS	\$1,500.00	\$1,500.00	\$570.00	\$570.00	\$550.00	\$550.00
16	Liner Pipe Protrusions	4	Each	\$450.00	\$1,800.00	\$350.00	\$1,400.00	\$330.00	\$1,320.00
17	HDPE Pond Depth Gauge	2	Each	\$850.00	\$1,700.00	\$675.00	\$1,350.00	\$660.00	\$1,320.00
18	Wetland Pond Depth Indicator	1	Each	\$3,800.00	\$3,800.00	\$900.00	\$900.00	\$2,500.00	\$2,500.00
19	8" Inter Pond Piping (DIP)	298	FT	\$78.00	\$23,244.00	\$50.00	\$14,900.00	\$75.00	\$22,350.00
20	Pond Warning Signs	6	Each	\$350.00	\$2,100.00	\$250.00	\$1,500.00	\$125.00	\$750.00
21	Seepage Collar	6	Each	\$550.00	\$3,300.00	\$1,100.00	\$6,600.00	\$700.00	\$4,200.00
22	Pipe Mounted Hinged Trash Guard	7	Each	\$2,100.00	\$14,700.00	\$425.00	\$2,975.00	\$2,150.00	\$15,050.00
23	Artificial Wetland Inlet Structure	1	Each	\$5,700.00	\$5,700.00	\$3,012.00	\$3,012.00	\$2,500.00	\$2,500.00
24	Artificial Wetland Outlet Structure	1	Each	\$8,200.00	\$8,200.00	\$4,842.00	\$4,842.00	\$5,000.00	\$5,000.00
25	Pond Control Manhole A	1	Each	\$4,200.00	\$4,200.00	\$3,970.00	\$3,970.00	\$4,400.00	\$4,400.00
26	Pond Control Manhole B	1	Each	\$14,500.00	\$14,500.00	\$12,750.00	\$12,750.00	\$12,000.00	\$12,000.00
27	Pond Control Manhole C	1	Each	\$14,500.00	\$14,500.00	\$12,750.00	\$12,750.00	\$12,000.00	\$12,000.00
28	8" Gate Valve w/Box	1	Each	\$3,500.00	\$3,500.00	\$2,815.00	\$2,815.00	\$3,700.00	\$3,700.00
29	Rip Rap with Filter Fabric @ Outlet Pipe	15	SqYd	\$100.00	\$1,500.00	\$50.00	\$750.00	\$65.00	\$975.00
30	Pond Pumping & Pre-Filling	1	LS	\$8,500.00	\$8,500.00	\$7,500.00	\$7,500.00	\$15,000.00	\$15,000.00
31	Gravel Surfacing	1,100	Tons	\$19.00	\$20,900.00	\$11.25	\$12,375.00	\$19.00	\$20,900.00
32	Furnish & Install 5 Strand Barb Wire Fence	2,980	LF	\$4.75	\$14,155.00	\$3.86	\$11,502.80	\$5.00	\$14,900.00
33	12' Tubular Gates	2	Each	\$425.00	\$850.00	\$350.00	\$700.00	\$400.00	\$800.00

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Item #	Item Description	Quantity	Unit	Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price
34	High Flow Silt Fence	2,800	LF	\$3.50	\$9,800.00	\$3.32	\$9,296.00	\$4.00	\$11,200.00
35	Wetland Seed, Fertilizer and Mulch	3	Acre	\$4,300.00	\$14,104.00	\$4,253.00	\$13,949.84	\$4,372.50	\$14,341.80
Total Bid Schedule B				\$541,157.00		\$577,253.64		\$594,822.01	

Alternate Bid B1 - Access Road				J & J Earth Works, Inc. Milbank, SD		A.P. & Sons Construction Inc. Summit, SD		B & B Contracting, Inc. Aberdeen, SD	
Item #	Item Description	Quantity	Unit	Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price
1	Mobilization	1	LS	\$6,000.00	\$6,000.00	\$1,000.00	\$1,000.00	\$3,038.00	\$3,038.00
2	Contractor Furnished Borrow	1,538	CuYd	\$10.00	\$15,380.00	\$10.00	\$15,380.00	\$10.00	\$15,380.00
3	Gravel Surfacing	630	Tons	\$19.00	\$11,970.00	\$11.25	\$7,087.50	\$20.00	\$12,600.00
4	12" CMP	35	LF	\$40.00	\$1,400.00	\$30.00	\$1,050.00	\$40.00	\$1,400.00
5	12" CMP Flared End	2	Each	\$300.00	\$600.00	\$175.00	\$350.00	\$500.00	\$1,000.00
Total Alternate Bid B1				\$35,350.00		\$24,867.50		\$33,418.00	

Alternate Bid B2 - Inflow Pipe to Cell 2				J & J Earth Works, Inc. Milbank, SD		A.P. & Sons Construction Inc. Summit, SD		B & B Contracting, Inc. Aberdeen, SD	
Item #	Item Description	Quantity	Unit	Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price
1	Mobilization	1	LS	\$2,500.00	\$2,500.00	\$1,000.00	\$1,000.00	\$3,767.00	\$3,767.00
2	8" Inter Pond Piping (DIP)	81	LF	\$78.00	\$6,318.00	\$50.00	\$4,050.00	\$75.00	\$6,075.00
3	HDPE Safety Ladder	1	Each	\$1,000.00	\$1,000.00	\$825.00	\$825.00	\$825.00	\$825.00
4	8" Gate Valve w/Box	2	Each	\$2,700.00	\$5,400.00	\$2,815.00	\$5,630.00	\$7,025.00	\$14,050.00
5	Liner Pipe Protrusion	1	Each	\$7.50	\$7.50	\$375.00	\$375.00	\$1,320.00	\$1,320.00
Total Alternate Bid B2				\$15,225.50		\$11,880.00		\$26,037.00	

I HEREBY CERTIFY THAT THE FOREGOING IS AN ACCURATE REPRESENTATION AND TABULATION OF ALL BIDS RECEIVED AND THAT THE MATHEMATICS HAVE BEEN CHECKED AND IS TO THE BEST OF MY KNOWLEDGE CORRECT:

PROJECT ENGINEER: *Karen L. Schaefer* DATE: 12-12-2019

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Item #	Item Description	Quantity	Unit	Unit Price	Total Price	Unit Price	Total Price
1	Mobilization	1	LS	\$40,000.00	\$40,000.00	\$50,000.00	\$50,000.00
2	Remove and Dispose of Existing Pond Aprons	5	Each	\$450.00	\$2,250.00	\$150.00	\$750.00
3	Remove and Dispose of Existing Pond Valve	1	Each	\$500.00	\$500.00	\$200.00	\$200.00
4	Remove and Dispose of Existing Pond Piping	338	LF	\$14.00	\$4,732.00	\$5.00	\$1,690.00
5	Remove and Dispose of Existing Barb Wire Fence	2,980	LF	\$2.00	\$5,960.00	\$1.50	\$4,470.00
6	Unclassified Excavation/Grading	16,379	CuYd	\$6.50	\$106,463.50	\$9.00	\$147,411.00
7	Place Excavated Muck/Sludge	4,650	CuYd	\$7.00	\$32,550.00	\$14.00	\$65,100.00
8	Topsoiling from Stockpile	5,235	CuYd	\$6.00	\$31,410.00	\$5.00	\$26,175.00
9	Scarify & Recompect Cell Floors	6,135	CuYd	\$4.00	\$24,540.00	\$4.00	\$24,540.00
10	Disposal of Excess Material	351	CuYd	\$12.00	\$4,212.00	\$8.00	\$2,808.00
11	Bypass Pumping	1	LS	\$12,000.00	\$12,000.00	\$15,000.00	\$15,000.00
12	Topsoil, Seed, Fertilize & Mulch	6.22	Acre	\$3,500.00	\$21,770.00	\$5,800.00	\$36,076.00
13	80 Mil HDPE Geomembrane Liner	16,420	SqYd	\$9.00	\$147,780.00	\$8.50	\$139,570.00
14	HDPE Safety Ladder	4	Each	\$1,000.00	\$4,000.00	\$1,000.00	\$4,000.00
15	Field Testing of Geomembrane Liner and Report	1	LS	\$750.00	\$750.00	\$25,000.00	\$25,000.00
16	Liner Pipe Protrusions	4	Each	\$500.00	\$2,000.00	\$300.00	\$1,200.00
17	HDPE Pond Depth Gauge	2	Each	\$750.00	\$1,500.00	\$1,100.00	\$2,200.00
18	Wetland Pond Depth Indicator	1	Each	\$650.00	\$650.00	\$400.00	\$400.00
19	8" Inter Pond Piping (DIP)	298	FT	\$100.00	\$29,800.00	\$50.00	\$14,900.00
20	Pond Warning Signs	6	Each	\$100.00	\$600.00	\$175.00	\$1,050.00
21	Seepage Collar	6	Each	\$1,500.00	\$9,000.00	\$800.00	\$4,800.00
22	Pipe Mounted Hinged Trash Guard	7	Each	\$2,400.00	\$16,800.00	\$500.00	\$3,500.00
23	Artificial Wetland Inlet Structure	1	Each	\$5,200.00	\$5,200.00	\$800.00	\$800.00
24	Artificial Wetland Outlet Structure	1	Each	\$8,400.00	\$8,400.00	\$80.00	\$80.00
25	Pond Control Manhole A	1	Each	\$6,500.00	\$6,500.00	\$4,300.00	\$4,300.00
26	Pond Control Manhole B	1	Each	\$15,000.00	\$15,000.00	\$8,500.00	\$8,500.00
27	Pond Control Manhole C	1	Each	\$15,000.00	\$15,000.00	\$9,000.00	\$9,000.00
28	8" Gate Valve w/Box	1	Each	\$3,400.00	\$3,400.00	\$4,500.00	\$4,500.00
29	Rip Rap with Filter Fabric @ Outlet Pipe	15	SqYd	\$50.00	\$750.00	\$75.00	\$1,125.00
30	Pond Pumping & Pre-Filling	1	LS	\$16,000.00	\$16,000.00	\$7,500.00	\$7,500.00
31	Gravel Surfacing	1,100	Tons	\$22.00	\$24,200.00	\$20.00	\$22,000.00
32	Furnish & Install 5 Strand Barb Wire Fence	2,980	LF	\$18.00	\$53,640.00	\$5.00	\$14,900.00
33	12' Tubular Gates	2	Each	\$500.00	\$1,000.00	\$600.00	\$1,200.00

