

SW PLAZA PARKWAY & SW COLLEGE AVENUE DETENTION BASINS 31-MAY-17				Engineer's Opinion of Probable Cost		Seamus Excavating, LLC 9550 Hickman Road, Suite 106 Clive, IA 50325 **Apparent low bidder**		McAninch Corporation 4001 Delaware Avenue Des Moines, IA 50305-1486		Quam Construction Company, Inc. 4411 First Avenue West Willmar, MN 56201	
BID TABULATION											
ITEM	DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	EXTENSION	UNIT PRICE	EXTENSION	UNIT PRICE	EXTENSION	UNIT PRICE	EXTENSION
	EARTHWORK										
2.01	Clearing and Grubbing	LS	1	\$12,000.00	\$12,000.00	\$6,500.00	\$6,500.00	\$7,650.00	\$7,650.00	\$7,500.00	\$7,500.00
2.02	Topsoil, On-site	CY	19,700	\$6.00	\$118,200.00	\$4.00	\$78,800.00	\$3.70	\$72,890.00	\$3.75	\$73,875.00
2.03	Excavation, Class 10	CY	102,500	\$5.00	\$512,500.00	\$2.45	\$251,125.00	\$2.72	\$278,800.00	\$2.62	\$268,550.00
2.04	Excavation, Class 13	CY	600	\$20.00	\$12,000.00	\$2.50	\$1,500.00	\$14.45	\$8,670.00	\$3.28	\$1,968.00
2.05	Removals, Pipe Apron, Footing, and Guard, 36-inch	EA	1	\$1,000.00	\$1,000.00	\$1,041.50	\$1,041.50	\$466.75	\$466.75	\$500.17	\$500.17
2.06	Removals, Storm Sewer, PVC, 12-inch	LF	296	\$20.00	\$5,920.00	\$14.40	\$4,262.40	\$14.15	\$4,188.40	\$5.00	\$1,480.00
2.07	Compaction Testing	LS	1	\$5,500.00	\$5,500.00	\$6,733.20	\$6,733.20	\$7,140.00	\$7,140.00	\$5,000.00	\$5,000.00
2.08	Pond Clay Liner Preparation	CY	8,725	\$12.00	\$104,700.00	\$2.00	\$17,450.00	\$5.05	\$44,061.25	\$1.45	\$12,651.25
2.09	Selective Over-Excavation and Replacement for Pond Liner	CY	500	\$20.00	\$10,000.00	\$5.00	\$2,500.00	\$25.15	\$12,575.00	\$4.30	\$2,150.00
	TRENCH EXCAVATION AND BACKFILL										
3.01	Trench Foundation	TON	200	\$35.00	\$7,000.00	\$30.30	\$6,060.00	\$29.95	\$5,990.00	\$31.35	\$6,270.00
3.02	Replacement of Unsuitable Backfill Material	CY	200	\$25.00	\$5,000.00	\$8.00	\$1,600.00	\$15.10	\$3,020.00	\$4.85	\$970.00
3.03	Trench Compaction Testing	LS	1	\$8,000.00	\$8,000.00	\$1,271.28	\$1,271.28	\$1,530.00	\$1,530.00	\$3,500.00	\$3,500.00
	SEWERS AND DRAINS										
4.01	Storm Sewer, Trenched, RCP, 15-inch	LF	50	\$58.00	\$2,900.00	\$51.90	\$2,595.00	\$54.10	\$2,705.00	\$52.00	\$2,600.00
4.02	Storm Sewer, Trenched, RCP, 36-inch	LF	212	\$120.00	\$25,440.00	\$105.20	\$22,302.40	\$116.00	\$24,592.00	\$122.00	\$25,864.00
4.03	Storm Sewer, Trenched, RCP, 42-inch	LF	126	\$160.00	\$20,160.00	\$135.20	\$17,035.20	\$151.75	\$19,120.50	\$168.00	\$21,168.00
4.04	Storm Sewer, Trenched, RCP, 54-inch	LF	42	\$200.00	\$8,400.00	\$221.50	\$9,303.00	\$220.00	\$9,240.00	\$246.00	\$10,332.00
4.05	Storm Sewer, Trenched, RCAP, 24-inch Equivalent	LF	93	\$60.00	\$5,580.00	\$103.60	\$9,634.80	\$102.35	\$9,518.55	\$136.00	\$12,648.00
4.06	Storm Sewer, Trenched, RCAP, 42-inch Equivalent	LF	193	\$200.00	\$38,600.00	\$143.50	\$27,695.50	\$186.25	\$35,946.25	\$280.00	\$54,040.00
4.07	Pipe Apron with Footing, RCP, 15-inch	EA	1	\$1,500.00	\$1,500.00	\$1,509.10	\$1,509.10	\$828.20	\$828.20	\$2,056.00	\$2,056.00
4.08	Pipe Apron with Footing, RCP, 36-inch	EA	4	\$2,500.00	\$10,000.00	\$2,806.60	\$11,226.40	\$1,454.00	\$5,816.00	\$2,950.00	\$11,800.00
4.09	Pipe Apron with Footing, RCP, 42-inch	EA	1	\$3,000.00	\$3,000.00	\$3,245.50	\$3,245.50	\$1,718.00	\$1,718.00	\$3,430.00	\$3,430.00
4.10	Pipe Apron with Footing, RCP, 54-inch	EA	1	\$3,500.00	\$3,500.00	\$3,903.80	\$3,903.80	\$2,214.00	\$2,214.00	\$4,380.00	\$4,380.00
4.11	Pipe Apron with Footing, RCAP, 24-inch Equivalent	EA	2	\$2,000.00	\$4,000.00	\$2,066.80	\$4,133.60	\$917.10	\$1,834.20	\$1,470.00	\$2,940.00
4.12	Pipe Apron Guard, RCP, 15-inch	EA	1	\$900.00	\$900.00	\$798.50	\$798.50	\$696.50	\$696.50	\$1,002.00	\$1,002.00
4.13	Pipe Apron Guard, RCP, 36-inch	EA	4	\$1,200.00	\$4,800.00	\$1,536.10	\$6,144.40	\$1,262.00	\$5,048.00	\$1,765.00	\$7,060.00
4.14	Pipe Apron Guard, RCP, 42-inch	EA	1	\$1,250.00	\$1,250.00	\$1,859.50	\$1,859.50	\$1,484.00	\$1,484.00	\$2,175.00	\$2,175.00
4.15	Pipe Apron Guard, RCP, 54-inch	EA	1	\$1,300.00	\$1,300.00	\$2,355.10	\$2,355.10	\$1,937.00	\$1,937.00	\$3,030.00	\$3,030.00
4.16	Pipe Apron Guard, RCAP, 24-inch Equivalent	EA	2	\$1,100.00	\$2,200.00	\$1,206.20	\$2,412.40	\$940.25	\$1,880.50	\$1,370.00	\$2,740.00
	STRUCTURES FOR SANITARY AND STORM SEWERS										
6.01	Manhole, SW-401, 72-inch Dia.	EA	1	\$7,000.00	\$7,000.00	\$6,810.10	\$6,810.10	\$4,903.00	\$4,903.00	\$4,800.00	\$4,800.00
6.02	Manhole, SW-402	EA	1	\$7,000.00	\$7,000.00	\$8,481.70	\$8,481.70	\$6,452.00	\$6,452.00	\$6,155.00	\$6,155.00
6.03	Intake, SW-506 - Modified	EA	2	\$7,000.00	\$14,000.00	\$10,494.50	\$20,989.00	\$7,873.00	\$15,746.00	\$15,205.00	\$30,410.00
6.04	Temporary Riser	EA	1	\$1,100.00	\$1,100.00	\$874.60	\$874.60	\$784.25	\$784.25	\$820.00	\$820.00
	SITE WORK AND LANDSCAPING										
9.01	Conventional Seeding, Type 4	AC	24.0	\$300.00	\$7,200.00	\$250.00	\$6,000.00	\$255.00	\$6,120.00	\$250.00	\$6,000.00
9.02	Conventional Seeding and Fertilizing, Native Grass and Forbs Seeding	AC	5.4	\$500.00	\$2,700.00	\$1,320.00	\$7,128.00	\$1,347.00	\$7,273.80	\$1,320.00	\$7,128.00
9.03	Hydraulic Mulching, Bonded Fiber Matrix (BFM)	AC	5.4	\$2,500.00	\$13,500.00	\$2,340.00	\$12,636.00	\$2,387.00	\$12,889.80	\$2,340.00	\$12,636.00
9.04	Hydraulic Mulching, Wood Cellulose	AC	24.0	\$1,800.00	\$43,200.00	\$1,480.00	\$35,520.00	\$1,510.00	\$36,240.00	\$1,480.00	\$35,520.00
9.05	Trees - 2 1/2" Caliper, with Warranty	EA	10	\$500.00	\$5,000.00	\$450.00	\$4,500.00	\$459.00	\$4,590.00	\$450.00	\$4,500.00
9.06	Soil Log, 18-inch Dia, Filter Sock	LF	3,193	\$15.00	\$47,895.00	\$10.40	\$33,207.20	\$10.60	\$33,845.80	\$10.40	\$33,207.20
9.07	Wattles, Straw, 12-inch Dia.	LF	5,400	\$2.50	\$13,500.00	\$1.98	\$10,692.00	\$2.02	\$10,908.00	\$1.98	\$10,692.00
9.08	Rip-Rap, Class "E" Revetment	TON	115	\$65.00	\$7,475.00	\$61.70	\$7,095.50	\$57.30	\$6,589.50	\$84.35	\$9,700.25
9.09	Armor Mat	SY	1,614	\$54.00	\$87,156.00	\$50.00	\$80,700.00	\$46.10	\$74,405.40	\$63.00	\$101,682.00
9.10	Silt Fence or Silt Fence Ditch Check	LF	950	\$1.75	\$1,662.50	\$1.48	\$1,406.00	\$1.50	\$1,425.00	\$1.48	\$1,406.00
9.11	Silt Fence or Silt Fence Ditch Check, Removal of Existing Device	LF	89	\$2.00	\$178.00	\$1.00	\$89.00	\$1.05	\$93.45	\$1.00	\$89.00
9.12	Stabilized Construction Entrance	SY	278	\$15.00	\$4,170.00	\$9.00	\$2,502.00	\$13.75	\$3,822.50	\$18.41	\$5,117.98
9.13	Erosion Control Mulching, Hydraulic Mulching, Wood Cellulose	AC	35.2	\$2,000.00	\$70,400.00	\$1,380.00	\$48,576.00	\$1,408.00	\$49,561.60	\$1,380.00	\$48,576.00
9.14	Dewatering	LS	1	\$30,000.00	\$30,000.00	\$5,000.00	\$5,000.00	\$5,400.00	\$5,400.00	\$12,237.39	\$12,237.39
9.15	1" Clean Rock	TN	39	\$25.00	\$975.00	\$58.20	\$2,269.80	\$59.25	\$2,310.75	\$37.28	\$1,453.92
9.16	Erosion Stone	TN	39	\$25.00	\$975.00	\$60.10	\$2,343.90	\$57.75	\$2,252.25	\$37.28	\$1,453.92
9.17	Engineering Fabric	SY	90	\$1.25	\$112.50	\$65.30	\$5,877.00	\$3.75	\$337.50	\$3.00	\$270.00
9.18	Removal of Existing Fence	LF	250	\$5.00	\$1,250.00	\$5.50	\$1,375.00	\$2.20	\$550.00	\$6.00	\$1,500.00
	MISCELLANEOUS										
11.01	Mobilization	LS	1	\$150,000.00	\$150,000.00	\$45,000.00	\$45,000.00	\$14,529.30	\$14,529.30	\$29,275.00	\$29,275.00
11.02	Concrete Washout	LS	1	\$5,000.00	\$5,000.00	\$1,000.00	\$1,000.00	\$510.00	\$510.00	\$990.00	\$990.00
Page 1 of 2				Total of All Items Above:	\$1,456,799.00		\$855,070.38		\$873,100.00		\$917,299.08
				Submitted Bid Amount:			\$855,070.38		\$873,100.00		\$917,299.08

SW PLAZA PARKWAY & SW COLLEGE AVENUE DETENTION BASINS 31-MAY-17				Vanderpool Construction, Inc. 1100 North 14th Street Indianola, IA 50125							
BID TABULATION											
ITEM	DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	EXTENSION						
	EARTHWORK										
2.01	Clearing and Grubbing	LS	1	\$8,750.00	\$8,750.00						
2.02	Topsoil, On-site	CY	19,700	\$3.95	\$77,815.00						
2.03	Excavation, Class 10	CY	102,500	\$2.95	\$302,375.00						
2.04	Excavation, Class 13	CY	600	\$7.00	\$4,200.00						
2.05	Removals, Pipe Apron, Footing, and Guard, 36-inch	EA	1	\$1,160.00	\$1,160.00						
2.06	Removals, Storm Sewer, PVC, 12-inch	LF	296	\$27.50	\$8,140.00						
2.07	Compaction Testing	LS	1	\$7,600.00	\$7,600.00						
2.08	Pond Clay Liner Preparation	CY	8,725	\$14.00	\$122,150.00						
2.09	Selective Over-Excavation and Replacement for Pond Liner	CY	500	\$15.00	\$7,500.00						
	TRENCH EXCAVATION AND BACKFILL										
3.01	Trench Foundation	TON	200	\$38.25	\$7,650.00						
3.02	Replacement of Unsuitable Backfill Material	CY	200	\$15.00	\$3,000.00						
3.03	Trench Compaction Testing	LS	1	\$2,925.00	\$2,925.00						
	SEWERS AND DRAINS										
4.01	Storm Sewer, Trenched, RCP, 15-inch	LF	50	\$65.00	\$3,250.00						
4.02	Storm Sewer, Trenched, RCP, 36-inch	LF	212	\$128.50	\$27,242.00						
4.03	Storm Sewer, Trenched, RCP, 42-inch	LF	126	\$168.50	\$21,231.00						
4.04	Storm Sewer, Trenched, RCP, 54-inch	LF	42	\$255.00	\$10,710.00						
4.05	Storm Sewer, Trenched, RCAP, 24-inch Equivalent	LF	93	\$112.00	\$10,416.00						
4.06	Storm Sewer, Trenched, RCAP, 42-inch Equivalent	LF	193	\$211.00	\$40,723.00						
4.07	Pipe Apron with Footing, RCP, 15-inch	EA	1	\$1,450.00	\$1,450.00						
4.08	Pipe Apron with Footing, RCP, 36-inch	EA	4	\$2,790.00	\$11,160.00						
4.09	Pipe Apron with Footing, RCP, 42-inch	EA	1	\$2,740.00	\$2,740.00						
4.10	Pipe Apron with Footing, RCP, 54-inch	EA	1	\$3,675.00	\$3,675.00						
4.11	Pipe Apron with Footing, RCAP, 24-inch Equivalent	EA	2	\$1,900.00	\$3,800.00						
4.12	Pipe Apron Guard, RCP, 15-inch	EA	1	\$710.00	\$710.00						
4.13	Pipe Apron Guard, RCP, 36-inch	EA	4	\$1,430.00	\$5,720.00						
4.14	Pipe Apron Guard, RCP, 42-inch	EA	1	\$1,685.00	\$1,685.00						
4.15	Pipe Apron Guard, RCP, 54-inch	EA	1	\$2,250.00	\$2,250.00						
4.16	Pipe Apron Guard, RCAP, 24-inch Equivalent	EA	2	\$715.00	\$1,430.00						
	STRUCTURES FOR SANITARY AND STORM SEWERS										
6.01	Manhole, SW-401, 72-inch Dia.	EA	1	\$6,415.00	\$6,415.00						
6.02	Manhole, SW-402	EA	1	\$7,725.00	\$7,725.00						
6.03	Intake, SW-506 - Modified	EA	2	\$10,225.00	\$20,450.00						
6.04	Temporary Riser	EA	1	\$1,485.00	\$1,485.00						
	SITE WORK AND LANDSCAPING										
9.01	Conventional Seeding, Type 4	AC	24	\$291.00	\$6,984.00						
9.02	Seeding	AC	5	\$1,540.00	\$8,316.00						
9.03	Hydraulic Mulching, Bonded Fiber Matrix (BFM)	AC	5	\$2,725.00	\$14,715.00						
9.04	Hydraulic Mulching, Wood Cellulose	AC	24	\$1,722.00	\$41,328.00						
9.05	Trees - 2 1/2" Caliper, with Warranty	EA	10	\$525.00	\$5,250.00						
9.06	Soil Log, 18-inch Dia, Filter Sock	LF	3,193	\$12.00	\$38,316.00						
9.07	Wattles, Straw, 12-inch Dia.	LF	5,400	\$2.30	\$12,420.00						
9.08	Rip-Rap, Class "E" Revetment	TON	115	\$71.00	\$8,165.00						
9.09	Armor Mat	SY	1,614	\$58.00	\$93,612.00						
9.10	Silt Fence or Silt Fence Ditch Check	LF	950	\$2.00	\$1,900.00						
9.11	Silt Fence or Silt Fence Ditch Check, Removal of Existing Device	LF	89	\$2.00	\$178.00						
9.12	Stabilized Construction Entrance	SY	278	\$16.50	\$4,587.00						
9.13	Erosion Control Mulching, Hydraulic Mulching, Wood Cellulose	AC	35	\$1,605.00	\$56,496.00						
9.14	Dewatering	LS	1	\$31,000.00	\$31,000.00						
9.15	1" Clean Rock	TN	39	\$75.00	\$2,925.00						
9.16	Erosion Stone	TN	39	\$75.00	\$2,925.00						
9.17	Engineering Fabric	SY	90	\$13.00	\$1,170.00						
9.18	Removal of Existing Fence	LF	250	\$14.00	\$3,500.00						
	MISCELLANEOUS										
11.01	Mobilization	LS	1	\$28,000.00	\$28,000.00						
11.02	Concrete Washout	LS	1	\$2,550.00	\$2,550.00						
	Concrete Washout										
Page 2 of 2				Total of All Items Above:		\$1,101,869.00					
				Submitted Bid Amount:		\$1,101,869.00					