

**Avon Creek Restoration - Phase IV
RFP-RH-18-059**

				Z Contractors Shelby Twp., MI		STE Construction Mt. Clemens, MI		T.R. Pieprzak China Twp., MI		TSP Services, Inc. Redford, MI	
No.	Item	Qty.	Unit	Unit Price	Cost	Unit Price	Cost	Unit Price	Cost	Unit Price	Cost
1	Mobilization (5% max. of bid)	1	Lsum	\$ 26,800.00	\$ 26,800.00	\$ 10,000.00	\$ 10,000.00	\$ 7,800.00	\$ 7,800.00	\$ 9,450.00	\$ 9,450.00
2	Sediment Trap or Sedimat	1	Ea	\$ 100.00	\$ 100.00	\$ 6,500.00	\$ 6,500.00	\$ 1,300.00	\$ 1,300.00	\$ 2,500.00	\$ 2,500.00
3	Silt Fence, As needed	300	Ft	\$ 3.00	\$ 900.00	\$ 3.00	\$ 900.00	\$ 3.70	\$ 1,110.00	\$ 3.00	\$ 900.00
4	Snow Fence, As needed	300	Ft	\$ 5.00	\$ 1,500.00	\$ 7.50	\$ 2,250.00	\$ 3.50	\$ 1,050.00	\$ 5.00	\$ 1,500.00
5	Site Work (Restoration, Site Clearing, Grubbing, Tree Rem	1	Lsum	\$ 110,000.00	\$ 110,000.00	\$ 33,500.00	\$ 33,500.00	\$ 30,060.00	\$ 30,060.00	\$ 70,000.00	\$ 70,000.00
6	Relocation and Installing Boulders	0	Lsum	\$ 1,500.00	\$ -	\$ 6,500.00	\$ -	\$ 4,700.00	\$ -	\$ 3,000.00	\$ -
7	Earth Work	1	Lsum	\$ 145,000.00	\$ 145,000.00	\$ 75,000.00	\$ 75,000.00	\$ 67,400.00	\$ 67,400.00	\$ 40,000.00	\$ 40,000.00
8	Grading	0.6	Acres	\$ 6,000.00	\$ 3,600.00	\$ 5,000.00	\$ 3,000.00	\$ 8,230.00	\$ 4,938.00	\$ 100,000.00	\$ 60,000.00
9	Riffle Structures, Type A (10' length)	7	Ea	\$ 5,000.00	\$ 35,000.00	\$ 3,000.00	\$ 21,000.00	\$ 960.00	\$ 6,720.00	\$ 1,500.00	\$ 10,500.00
10	Riffle Structures, Type B (5' length)	1	Ea	\$ 3,500.00	\$ 3,500.00	\$ 2,000.00	\$ 2,000.00	\$ 775.00	\$ 775.00	\$ 1,000.00	\$ 1,000.00
11	Riffle Structures, Type C (10' length)	0	Ea	\$ 5,000.00	\$ -	\$ 4,000.00	\$ -	\$ 960.00	\$ -	\$ 2,000.00	\$ -
12	Toe Wood Structure	58	Lft	\$ 100.00	\$ 5,800.00	\$ 125.00	\$ 7,250.00	\$ 130.00	\$ 7,540.00	\$ 100.00	\$ 5,800.00
13	Geotextile Fabric Bank Wrap (NAG SC250)	258	Lft	\$ 95.00	\$ 24,510.00	\$ 90.00	\$ 23,220.00	\$ 38.00	\$ 9,804.00	\$ 75.00	\$ 19,350.00
14	Log Cross Vane Structure	1	Ea	\$ 7,500.00	\$ 7,500.00	\$ 4,500.00	\$ 4,500.00	\$ 3,300.00	\$ 3,300.00	\$ 7,500.00	\$ 7,500.00
15	Log Vane Structures	0	Ea	\$ 7,200.00	\$ -	\$ 3,500.00	\$ -	\$ 1,650.00	\$ -	\$ 5,000.00	\$ -
16	Straw/Coir Erosion Control Blanket (NAG SC125BN)	1,305	Syd	\$ 5.00	\$ 6,525.00	\$ 5.00	\$ 6,525.00	\$ 4.50	\$ 5,872.50	\$ 5.00	\$ 6,525.00
17	Compacted Topsoil	80	Cyd	\$ 60.00	\$ 4,800.00	\$ 35.00	\$ 2,800.00	\$ 31.00	\$ 2,480.00	\$ 40.00	\$ 3,200.00
18	Plant Plugs	562	Ea	\$ 7.50	\$ 4,215.00	\$ 8.75	\$ 4,917.50	\$ 5.00	\$ 2,810.00	\$ 10.00	\$ 5,620.00
19	Seed Mix for River Bank and Floodplain Stabilization	0.4	Ac	\$ 9,000.00	\$ 3,600.00	\$ 10,350.00	\$ 4,140.00	\$ 6,500.00	\$ 2,600.00	\$ 10,000.00	\$ 4,000.00
20	Heavy Rip Rap under Foot Bridge	27	Syd	\$ 160.00	\$ 4,320.00	\$ 275.00	\$ 7,425.00	\$ 80.00	\$ 2,160.00	\$ 200.00	\$ 5,400.00
21	1"x3" Crushed Concrete, Access Drive	1	Lsum	\$ 50,000.00	\$ 50,000.00	\$ 5,000.00	\$ 5,000.00	\$ 2,340.00	\$ 2,340.00	\$ 1,500.00	\$ 1,500.00
22	Flow Control	0	Lsum	\$ 65,000.00	\$ -	\$ 27,500.00	\$ -	\$ 1,970.00	\$ -	\$ 1,500.00	\$ -
	TOTAL				\$ 437,670.00		\$ 219,927.50		\$ 160,059.50		\$ 254,745.00

ALT. BID NO. 1

No.	Item	Qty.	Unit	Unit Price	Cost	Unit Price	Cost	Unit Price	Cost	Unit Price	Cost
1	Remove Existing 48" RCP Culvert	1	ea	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 2,920.00	\$ 2,920.00	\$ 2,000.00	\$ 2,000.00
2	Regrade Channel	1	ls	\$ 9,000.00	\$ 9,000.00	\$ 8,500.00	\$ 8,500.00	\$ 4,960.00	\$ 4,960.00	\$ 8,000.00	\$ 8,000.00
3	Relocate Riffle	1	ls	\$ 5,000.00	\$ 5,000.00	\$ 750.00	\$ 750.00	\$ 1,380.00	\$ 1,380.00	\$ 4,000.00	\$ 4,000.00
	Total				\$ 19,000.00		\$ 14,250.00		\$ 9,260.00		\$ 14,000.00

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				Superior Excavating, Inc. Auburn Hills, MI		Schlicht Excavating, Inc. Montrose, MI 48457		Natural Community Services West Bloomfield, MI		M-K Construction Co. Inc. Wayne, MI	
No.	Item	Qty.	Unit	Unit Price	Cost	Unit Price	Cost	Unit Price	Cost	Unit Price	Cost
1	Mobilization (5% max. of bid)	1	Lsum	\$ 6,340.00	\$ 6,340.00	\$ 5,600.00	\$ 5,600.00	\$ 10,000.00	\$ 10,000.00	\$ 12,000.00	\$ 12,000.00
2	Sediment Trap or Sedimat	1	Ea	\$ 2,870.00	\$ 2,870.00	\$ 500.00	\$ 500.00	\$ 4,000.00	\$ 4,000.00	\$ 3,500.00	\$ 3,500.00
3	Silt Fence, As needed	300	Ft	\$ 2.50	\$ 750.00	\$ 3.33	\$ 999.00	\$ 2.92	\$ 876.00	\$ 4.00	\$ 1,200.00
4	Snow Fence, As needed	300	Ft	\$ 4.25	\$ 1,275.00	\$ 1.66	\$ 498.00	\$ 3.29	\$ 987.00	\$ 6.00	\$ 1,800.00
5	Site Work (Restoration, Site Clearing, Grubbing, Tree Rem)	1	Lsum	\$ 16,430.00	\$ 16,430.00	\$ 6,000.00	\$ 6,000.00	\$ 25,000.00	\$ 25,000.00	\$ 16,000.00	\$ 16,000.00
6	Relocation and Installing Boulders	0	Lsum	\$ 6,875.00	\$ -	\$ 1,400.00	\$ -	\$ 2,500.00	\$ -	\$ 11,200.00	\$ -
7	Earth Work	1	Lsum	\$ 35,900.00	\$ 35,900.00	\$ 24,000.00	\$ 24,000.00	\$ 43,994.00	\$ 43,994.00	\$ 59,000.00	\$ 59,000.00
8	Grading	0.6	Acres	LS	\$ 9,586.00	\$ 2,000.00	\$ 1,200.00	\$ 15,889.00	\$ 9,533.40	\$ 21,000.00	\$ 12,600.00
9	Riffle Structures, Type A (10' length)	7	Ea	\$ 1,815.00	\$ 12,705.00	\$ 1,667.00	\$ 11,669.00	\$ 4,700.00	\$ 32,900.00	\$ 3,100.00	\$ 21,700.00
10	Riffle Structures, Type B (5' length)	1	Ea	\$ 1,810.00	\$ 1,810.00	\$ 1,250.00	\$ 1,250.00	\$ 2,550.00	\$ 2,550.00	\$ 2,000.00	\$ 2,000.00
11	Riffle Structures, Type C (10' length)	0	Ea	\$ 2,200.00	\$ -	\$ 10,000.00	\$ -	\$ 4,700.00	\$ -	\$ 6,000.00	\$ -
12	Toe Wood Structure	58	Lft	\$ 157.00	\$ 9,106.00	\$ 136.00	\$ 7,888.00	\$ 89.00	\$ 5,162.00	\$ 65.00	\$ 3,770.00
13	Geotextile Fabric Bank Wrap (NAG SC250)	258	Lft	\$ 110.00	\$ 28,380.00	\$ 22.00	\$ 5,676.00	\$ 49.98	\$ 12,894.84	\$ 125.00	\$ 32,250.00
14	Log Cross Vane Structure	1	Ea	\$ 3,500.00	\$ 3,500.00	\$ 1,950.00	\$ 1,950.00	\$ 6,300.00	\$ 6,300.00	\$ 3,600.00	\$ 3,600.00
15	Log Vane Structures	0	Ea	\$ 2,200.00	\$ -	\$ 1,950.00	\$ -	\$ 5,589.00	\$ -	\$ 3,000.00	\$ -
16	Straw/Coir Erosion Control Blanket (NAG SC125BN)	1,305	Syd	\$ 8.50	\$ 11,092.50	\$ 3.36	\$ 4,384.80	\$ 3.30	\$ 4,306.50	\$ 4.00	\$ 5,220.00
17	Compacted Topsoil	80	Cyd	\$ 40.00	\$ 3,200.00	\$ 80.00	\$ 6,400.00	\$ 50.00	\$ 4,000.00	\$ 70.00	\$ 5,600.00
18	Plant Plugs	562	Ea	\$ 7.75	\$ 4,355.50	\$ 6.00	\$ 3,372.00	\$ 4.00	\$ 2,248.00	\$ 9.00	\$ 5,058.00
19	Seed Mix for River Bank and Floodplain Stabilization	0.4	Ac	LS	\$ 10,837.00	\$ 400.00	\$ 160.00	\$ 3,994.00	\$ 1,597.60	\$ 7,200.00	\$ 2,880.00
20	Heavy Rip Rap under Foot Bridge	27	Syd	\$ 125.00	\$ 3,375.00	\$ 127.00	\$ 3,429.00	\$ 129.00	\$ 3,483.00	\$ 155.00	\$ 4,185.00
21	1"x3" Crushed Concrete, Access Drive	1	Lsum	\$ 3,275.00	\$ 3,275.00	\$ 2,000.00	\$ 2,000.00	\$ 3,000.00	\$ 3,000.00	\$ 11,200.00	\$ 11,200.00
22	Flow Control	0	Lsum	\$ 6,800.00	\$ -	\$ 500.00	\$ -	\$ 7,500.00	\$ -	\$ 3,000.00	\$ -
	TOTAL				\$ 164,787.00		\$ 86,975.80		\$ 172,832.34		\$ 203,563.00

ALT. BID NO. 1

No.	Item	Qty.	Unit	Unit Price	Cost	Unit Price	Cost	Unit Price	Cost	Unit Price	Cost
1	Remove Existing 48" RCP Culvert	1	ea	\$ 3,680.00	\$ 3,680.00	\$ 750.00	\$ 750.00	\$ 6,543.00	\$ 6,543.00	\$ 6,200.00	\$ 6,200.00
2	Regrade Channel	1	ls	\$ 5,500.00	\$ 5,500.00	\$ 3,500.00	\$ 3,500.00	\$ 9,994.00	\$ 9,994.00	\$ 2,920.00	\$ 2,920.00
3	Relocate Riffle	1	ls	\$ 4,800.00	\$ 4,800.00	\$ 3,500.00	\$ 3,500.00	\$ 3,349.00	\$ 3,349.00	\$ 4,920.00	\$ 4,920.00
	Total				\$ 13,980.00		\$ 7,750.00		\$ 19,886.00		\$ 14,040.00

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				Inland Lakes Landscaping Pontiac, MI		Anglin Civil Livonia, MI	
No.	Item	Qty.	Unit	Unit Price	Cost	Unit Price	Cost
1	Mobilization (5% max. of bid)	1	Lsum	\$ 8,200.00	\$ 8,200.00	\$ 9,200.00	\$ 9,200.00
2	Sediment Trap or Sedimat	1	Ea	\$ 1,500.00	\$ 1,500.00	\$ 1,725.00	\$ 1,725.00
3	Silt Fence, As needed	300	Ft	\$ 3.00	\$ 900.00	\$ 3.45	\$ 1,035.00
4	Snow Fence, As needed	300	Ft	\$ 5.00	\$ 1,500.00	\$ 5.75	\$ 1,725.00
5	Site Work (Restoration, Site Clearing, Grubbing, Tree Rem)	1	Lsum	\$ 33,145.00	\$ 33,145.00	\$ 26,450.00	\$ 26,450.00
6	Relocation and Installing Boulders	0	Lsum	\$ 1,950.00	\$ -	\$ 1,725.00	\$ -
7	Earth Work	1	Lsum	\$ 57,021.00	\$ 57,021.00	\$ 28,750.00	\$ 28,750.00
8	Grading	0.6	Acres	\$ 4,500.00	\$ 2,700.00	\$ 11,500.00	\$ 6,900.00
9	Riffle Structures, Type A (10' length)	7	Ea	\$ 825.00	\$ 5,775.00	\$ 4,025.00	\$ 28,175.00
10	Riffle Structures, Type B (5' length)	1	Ea	\$ 625.00	\$ 625.00	\$ 2,875.00	\$ 2,875.00
11	Riffle Structures, Type C (10' length)	0	Ea	\$ 362.50	\$ -	\$ 4,025.00	\$ -
12	Toe Wood Structure	58	Lft	\$ 98.90	\$ 5,736.20	\$ 57.50	\$ 3,335.00
13	Geotextile Fabric Bank Wrap (NAG SC250)	258	Lft	\$ 29.40	\$ 7,585.20	\$ 57.50	\$ 14,835.00
14	Log Cross Vane Structure	1	Ea	\$ 1,945.50	\$ 1,945.50	\$ 5,175.00	\$ 5,175.00
15	Log Vane Structures	0	Ea	\$ 2,065.75	\$ -	\$ 5,175.00	\$ -
16	Straw/Coir Erosion Control Blanket (NAG SC125BN)	1,305	Syd	\$ 2.50	\$ 3,262.50	\$ 6.90	\$ 9,004.50
17	Compacted Topsoil	80	Cyd	\$ 62.50	\$ 5,000.00	\$ 34.50	\$ 2,760.00
18	Plant Plugs	562	Ea	\$ 8.50	\$ 4,777.00	\$ 8.05	\$ 4,524.10
19	Seed Mix for River Bank and Floodplain Stabilization	0.4	Ac	\$ 20,781.00	\$ 8,312.40	\$ 14,375.00	\$ 5,750.00
20	Heavy Rip Rap under Foot Bridge	27	Syd	\$ 82.70	\$ 2,232.90	\$ 115.00	\$ 3,105.00
21	1"x3" Crushed Concrete, Access Drive	1	Lsum	\$ 3,560.00	\$ 3,560.00	\$ 2,875.00	\$ 2,875.00
22	Flow Control	0	Lsum	\$ 1,000.00	\$ -	\$ 2,875.00	\$ -
	TOTAL				\$ 153,777.70		\$ 158,198.60

ALT. BID NO. 1

No.	Item	Qty.	Unit	Unit Price	Cost	Unit Price	Cost
1	Remove Existing 48" RCP Culvert	1	ea	\$ 1,215.00	\$ 1,215.00	\$ 5,175.00	\$ 5,175.00
2	Regrade Channel	1	ls	\$ 2,889.00	\$ 2,889.00	\$ 1,150.00	\$ 1,150.00
3	Relocate Riffle	1	ls	\$ 865.00	\$ 865.00	\$ 4,025.00	\$ 4,025.00
	Total				\$ 4,969.00		\$ 10,350.00