

BID TABULATION
BENZ CREEK HURON HILLS GOLF COURSE PROJECT
WASHTENAW COUNTY WATER RESOURCE COMMISSIONER
WASHTENAW COUNTY MICHIGAN

All Star Power
833 N. Byrs Drive
Grosse Pointe Woods, MI 48236

TSP Services, Inc.
25000 Capitol
Redford, MI 48239

LJ Construction, Inc
5863 S. Kingston Rd.
Clifford, MI 48727

Anglin Civil LLC
13000 Newburgh Rd
Livonia, MI 48150

No.	Item	Quantity	Unit	Unit Price	Total Cost	Unit Price	Total Cost	Unit Price	Total Cost	Unit Price	Total Cost
DIVISION 1- FRONT SEVEN											
1.	Mobilization, 10% Max	1	LS @	\$ 50,000.00 =	\$ 50,000.00	\$ 57,410.00 =	\$ 57,410.00	\$ 60,000.00 =	\$ 60,000.00	\$ 100,000.00 =	\$ 100,000.00
2.	Audio Video Site Survey	1	LS @	\$ 1,000.00 =	\$ 1,000.00	\$ 1,875.00 =	\$ 1,875.00	\$ 6,000.00 =	\$ 6,000.00	\$ 5,060.00 =	\$ 5,060.00
3.	6" PVC Irrigation Pipe, Remove	72	Lft @	\$ 25.00 =	\$ 1,800.00	\$ 16.00 =	\$ 1,152.00	\$ 15.00 =	\$ 1,080.00	\$ 9.69 =	\$ 697.68
4.	18" CMP, Remove	22	Lft @	\$ 25.00 =	\$ 550.00	\$ 26.00 =	\$ 572.00	\$ 30.00 =	\$ 660.00	\$ 62.20 =	\$ 1,368.40
5.	30" Concrete Pipe, Remove	23	Lft @	\$ 30.00 =	\$ 690.00	\$ 30.00 =	\$ 690.00	\$ 70.00 =	\$ 1,610.00	\$ 91.15 =	\$ 2,096.45 *
6.	36" RCP, Remove	24	Lft @	\$ 30.00 =	\$ 720.00	\$ 50.00 =	\$ 1,200.00	\$ 70.00 =	\$ 1,680.00	\$ 115.00 =	\$ 2,760.00
7.	Headwall, Remove	1	Ea @	\$ 1,200.00 =	\$ 1,200.00	\$ 1,130.00 =	\$ 1,130.00	\$ 1,000.00 =	\$ 1,000.00	\$ 1,897.50 =	\$ 1,897.50
8.	Wood Bridge, Remove	2	Ea @	\$ 5,000.00 =	\$ 10,000.00	\$ 2,890.00 =	\$ 5,780.00	\$ 800.00 =	\$ 1,600.00	\$ 747.50 =	\$ 1,495.00
9.	Gravel Path, Remove	350	Syd @	\$ 3.00 =	\$ 1,050.00	\$ 3.40 =	\$ 1,190.00	\$ 8.00 =	\$ 2,800.00	\$ 6.33 =	\$ 2,215.50 *
10.	Golf Course Tee, Remove	2	Ea @	\$ 4,000.00 =	\$ 8,000.00	\$ 660.00 =	\$ 1,320.00	\$ 1,200.00 =	\$ 2,400.00	\$ 575.00 =	\$ 1,150.00
11.	Trees, Remove	19	Ea @	\$ 400.00 =	\$ 7,600.00	\$ 500.00 =	\$ 9,500.00	\$ 500.00 =	\$ 9,500.00	\$ 575.00 =	\$ 10,925.00
12.	Vegetative Establishment and Invasive Control Measures	1	LS @	\$ 21,000.00 =	\$ 21,000.00	\$ 17,000.00 =	\$ 17,000.00	\$ 21,000.00 =	\$ 21,000.00	\$ 18,975.00 =	\$ 18,975.00
13.	Abandon and Fill, Stream	570	Lft @	\$ 20.00 =	\$ 11,400.00	\$ 61.00 =	\$ 34,770.00	\$ 32.00 =	\$ 18,240.00	\$ 46.00 =	\$ 26,220.00
14.	MDOT Silt Fence	160	Lft @	\$ 3.00 =	\$ 480.00	\$ 3.25 =	\$ 520.00	\$ 6.00 =	\$ 960.00	\$ 3.45 =	\$ 552.00
15.	Temporary Gravel Access Drive	1	Ea @	\$ 2,000.00 =	\$ 2,000.00	\$ 1,500.00 =	\$ 1,500.00	\$ 3,200.00 =	\$ 3,200.00	\$ 1,725.00 =	\$ 1,725.00
16.	Temporary In-Stream Sediment Trap	1	Ea @	\$ 500.00 =	\$ 500.00	\$ 535.00 =	\$ 535.00	\$ 400.00 =	\$ 400.00	\$ 1,150.00 =	\$ 1,150.00
17.	Culvert, 12" CMP	20	Lft @	\$ 40.00 =	\$ 800.00	\$ 51.00 =	\$ 1,020.00	\$ 40.00 =	\$ 800.00	\$ 60.91 =	\$ 1,218.20 *
18.	Culvert, CMP Arch, 10 ga., 46 inch x 60 inch	60	Lft @	\$ 525.00 =	\$ 31,500.00	\$ 275.00 =	\$ 16,500.00	\$ 261.00 =	\$ 15,660.00	\$ 316.25 =	\$ 18,975.00
19.	6" PVC Schedule 40 Pipe	100	Lft @	\$ 25.00 =	\$ 2,500.00	\$ 55.00 =	\$ 5,500.00	\$ 25.00 =	\$ 2,500.00	\$ 40.25 =	\$ 4,025.00
20.	6" PVC Schedule 40, 45° Bend w/Thrust Block	4	Ea @	\$ 250.00 =	\$ 1,000.00	\$ 300.00 =	\$ 1,200.00	\$ 500.00 =	\$ 2,000.00	\$ 287.50 =	\$ 1,150.00
21.	6" PVC Blow-Off/Compressed Air Fitting	1	Ea @	\$ 500.00 =	\$ 500.00	\$ 350.00 =	\$ 350.00	\$ 2,000.00 =	\$ 2,000.00	\$ 1,150.00 =	\$ 1,150.00
22.	Channel Construction	1,014	Lft @	\$ 29.00 =	\$ 29,406.00	\$ 60.00 =	\$ 60,840.00	\$ 59.00 =	\$ 59,826.00	\$ 128.80 =	\$ 130,603.20
23.	Preformed Scour Pool	1	Ea @	\$ 1,500.00 =	\$ 1,500.00	\$ 5,000.00 =	\$ 5,000.00	\$ 9,000.00 =	\$ 9,000.00	\$ 1,265.00 =	\$ 1,265.00
24.	Instream Pool	28	Ea @	\$ 300.00 =	\$ 8,400.00	\$ 270.00 =	\$ 7,560.00	\$ 370.00 =	\$ 10,360.00	\$ 1,035.00 =	\$ 28,980.00
25.	Constructed Instream Riffle	9	Ea @	\$ 850.00 =	\$ 7,650.00	\$ 1,760.00 =	\$ 15,840.00	\$ 6,400.00 =	\$ 57,600.00	\$ 1,725.00 =	\$ 15,525.00
26.	1/2"-1" Natural Stone	10	cyd @	\$ 100.00 =	\$ 1,000.00	\$ 220.00 =	\$ 2,200.00	\$ 200.00 =	\$ 2,000.00	\$ 172.50 =	\$ 1,725.00
27.	Stone Toe Bank Stabilization (6" - 8" Natural Field Stone)	535	Lft @	\$ 37.00 =	\$ 19,795.00	\$ 50.00 =	\$ 26,750.00	\$ 40.00 =	\$ 21,400.00	\$ 80.50 =	\$ 43,067.50
28.	Ledge Rock Weir	12	Fft @	\$ 65.00 =	\$ 780.00	\$ 137.00 =	\$ 1,644.00	\$ 100.00 =	\$ 1,200.00	\$ 92.00 =	\$ 1,104.00
29.	Ledge Rock Wall	900	Fft @	\$ 65.00 =	\$ 58,500.00	\$ 120.00 =	\$ 108,000.00	\$ 90.00 =	\$ 81,000.00	\$ 69.00 =	\$ 62,100.00
30.	Rip Rap, Stone 4"-6"	50	Cyd @	\$ 80.00 =	\$ 4,000.00	\$ 240.00 =	\$ 12,000.00	\$ 200.00 =	\$ 10,000.00	\$ 115.00 =	\$ 5,750.00
31.	Clay Fill Material (Plugs)	40	Cyd @	\$ 30.00 =	\$ 1,200.00	\$ 61.00 =	\$ 2,440.00	\$ 50.00 =	\$ 2,000.00	\$ 57.50 =	\$ 2,300.00
32.	Reconstruct Golf Course Tee	2	EA @	\$ 8,000.00 =	\$ 16,000.00	\$ 4,865.00 =	\$ 9,730.00	\$ 6,000.00 =	\$ 12,000.00	\$ 17,250.00 =	\$ 34,500.00
33.	Gravel Cart Path	720	Syd @	\$ 12.00 =	\$ 8,640.00	\$ 9.60 =	\$ 6,912.00	\$ 18.00 =	\$ 12,960.00	\$ 23.00 =	\$ 16,560.00
34.	Wetland Pool (Turtle Habitat)	350	Cyd @	\$ 20.00 =	\$ 7,000.00	\$ 18.10 =	\$ 6,335.00	\$ 10.00 =	\$ 3,500.00	\$ 46.00 =	\$ 16,100.00
35.	Wetland Turtle Mounds	6	Ea @	\$ 3,300.00 =	\$ 19,800.00	\$ 3,720.00 =	\$ 22,320.00	\$ 2,975.00 =	\$ 17,850.00	\$ 3,421.25 =	\$ 20,527.50
36.	4" Topsoil for Tees, Greens, Fairways	800	Cyd @	\$ 18.00 =	\$ 14,400.00	\$ 21.00 =	\$ 16,800.00	\$ 52.00 =	\$ 41,600.00	\$ 57.50 =	\$ 46,000.00
37.	Place 4" Topsoil for Native Seeding Areas	1,000	Cyd @	\$ 19.00 =	\$ 19,000.00	\$ 21.00 =	\$ 21,000.00	\$ 52.00 =	\$ 52,000.00	\$ 40.25 =	\$ 40,250.00
38.	Place 4" Topsoil for Athletic Field Seed Mixes	400	Cyd @	\$ 18.00 =	\$ 7,200.00	\$ 21.00 =	\$ 8,400.00	\$ 50.00 =	\$ 20,000.00	\$ 40.25 =	\$ 16,100.00
39.	Athletic Field Seed	3,000	Syd @	\$ 3.00 =	\$ 9,000.00	\$ 3.75 =	\$ 11,250.00	\$ 3.50 =	\$ 10,500.00	\$ 1.15 =	\$ 3,450.00
40.	Athletic Field Sod	1,000	Syd @	\$ 8.00 =	\$ 8,000.00	\$ 10.00 =	\$ 10,000.00	\$ 10.00 =	\$ 10,000.00	\$ 5.18 =	\$ 5,180.00 *
41.	Bentgrass Seed	6,000	Syd @	\$ 4.50 =	\$ 27,000.00	\$ 3.75 =	\$ 22,500.00	\$ 3.50 =	\$ 21,000.00	\$ 1.15 =	\$ 6,900.00
42.	Bentgrass Sod	1,000	Syd @	\$ 10.00 =	\$ 10,000.00	\$ 10.00 =	\$ 10,000.00	\$ 30.00 =	\$ 30,000.00	\$ 16.10 =	\$ 16,100.00
43.	Native Seed	13,000	Syd @	\$ 4.00 =	\$ 52,000.00	\$ 3.80 =	\$ 49,400.00	\$ 3.70 =	\$ 48,100.00	\$ 4.26 =	\$ 55,380.00 *
44.	Native Shrub Plugs	43	Ea @	\$ 25.00 =	\$ 1,075.00	\$ 25.00 =	\$ 1,075.00	\$ 20.00 =	\$ 860.00	\$ 23.00 =	\$ 989.00
45.	Native Small Trees	21	Ea @	\$ 72.00 =	\$ 1,512.00	\$ 80.00 =	\$ 1,680.00	\$ 100.00 =	\$ 2,100.00	\$ 74.75 =	\$ 1,569.75
46.	Native Perennial Plugs	1,577	Ea @	\$ 10.00 =	\$ 15,770.00	\$ 10.00 =	\$ 15,770.00	\$ 8.95 =	\$ 14,114.15	\$ 10.35 =	\$ 16,321.95
47.	One Year Maintenance and Guarantee	1	LS @	\$ 32,000.00 =	\$ 32,000.00	\$ 18,000.00 =	\$ 18,000.00	\$ 10,000.00 =	\$ 10,000.00	\$ 33,350.00 =	\$ 33,350.00

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5863 S. Kingston Rd.
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No.	Item	Quantity	Unit	Unit Price	Total Cost	Unit Price	Total Cost	Unit Price	Total Cost	Unit Price	Total Cost
48.	Traffic Maintenance and Control	1	LS @	\$ 1,000.00 =	\$ 1,000.00	\$ 2,500.00 =	\$ 2,500.00	\$ 10,000.00 =	\$ 10,000.00	\$ 2,875.00 =	\$ 2,875.00
49.	Flow Management	1	LS @	\$ 3,500.00 =	\$ 3,500.00	\$ 11,800.00 =	\$ 11,800.00	\$ 10,000.00 =	\$ 10,000.00	\$ 17,250.00 =	\$ 17,250.00
50.	Bypass Pumping	1	LS @	\$ 5,000.00 =	\$ 5,000.00	\$ 1,250.00 =	\$ 1,250.00	\$ 30,000.00 =	\$ 30,000.00	\$ 17,250.00 =	\$ 17,250.00
51.	Straw Blanket, As Directed	500	Syd @	\$ 3.00 =	\$ 1,500.00	\$ 2.50 =	\$ 1,250.00	\$ 2.00 =	\$ 1,000.00	\$ 2.30 =	\$ 1,150.00
52.	Construction Fencing, As Directed	500	Syd @	\$ 3.00 =	\$ 1,500.00	\$ 14.50 =	\$ 7,250.00	\$ 10.00 =	\$ 5,000.00	\$ 5.75 =	\$ 2,875.00
53.	Temporary Irrigation Modifications and Restoration	1	LS @	\$ 7,500.00 =	\$ 7,500.00	\$ 9,375.00 =	\$ 9,375.00	\$ 3,000.00 =	\$ 3,000.00	\$ 23,000.00 =	\$ 23,000.00
54.	Golf Course Restoration	1	LS @	\$ 25,000.00 =	\$ 25,000.00	\$ 40,000.00 =	\$ 40,000.00	\$ 35,000.00 =	\$ 35,000.00	\$ 57,500.00 =	\$ 57,500.00
Sub Total - DIVISION 1					\$ 579,918.00 *		\$ 707,585.00		\$ 810,060.15		\$ 948,403.63 *
DIVISION 2-BACK ELEVEN											
55.	Mobilization, 10% Max	1	LS @	\$ 20,000.00 =	\$ 20,000.00	\$ 39,000.00 =	\$ 39,000.00	\$ 40,000.00 =	\$ 40,000.00	\$ 5,000.00 =	\$ 5,000.00
56.	Audio Video Site Survey	1	LS @	\$ 700.00 =	\$ 700.00	\$ 1,875.00 =	\$ 1,875.00	\$ 2,000.00 =	\$ 2,000.00	\$ 1,150.00 =	\$ 1,150.00
57.	12" CMP Culvert, Remove	8	Lft @	\$ 50.00 =	\$ 400.00	\$ 26.00 =	\$ 208.00	\$ 30.00 =	\$ 240.00	\$ 60.91 =	\$ 487.28 *
58.	Gravel Path, Remove	395	Syd @	\$ 3.00 =	\$ 1,185.00	\$ 2.85 =	\$ 1,125.75	\$ 8.00 =	\$ 3,160.00	\$ 17.25 =	\$ 6,813.75
59.	Golf Course Tee, Remove	1	Ea @	\$ 4,000.00 =	\$ 4,000.00	\$ 660.00 =	\$ 660.00	\$ 1,200.00 =	\$ 1,200.00	\$ 575.00 =	\$ 575.00
60.	Trees, Remove	1	Ea @	\$ 400.00 =	\$ 400.00	\$ 500.00 =	\$ 500.00	\$ 500.00 =	\$ 500.00	\$ 575.00 =	\$ 575.00
61.	Concrete Spillway, Remove	1	Ea @	\$ 2,500.00 =	\$ 2,500.00	\$ 200.00 =	\$ 200.00	\$ 1,000.00 =	\$ 1,000.00	\$ 1,150.00 =	\$ 1,150.00
62.	Vegetative Establishment and Invasive Control Measures	1	LS @	\$ 13,000.00 =	\$ 13,000.00	\$ 12,000.00 =	\$ 12,000.00	\$ 11,500.00 =	\$ 11,500.00	\$ 13,225.00 =	\$ 13,225.00
63.	MDOT Silt Fence	250	Lft @	\$ 3.00 =	\$ 750.00	\$ 3.25 =	\$ 812.50	\$ 6.00 =	\$ 1,500.00	\$ 3.45 =	\$ 862.50
64.	Temporary Gravel Access Drive	1	Ea @	\$ 2,000.00 =	\$ 2,000.00	\$ 1,500.00 =	\$ 1,500.00	\$ 3,200.00 =	\$ 3,200.00	\$ 1,150.00 =	\$ 1,150.00
65.	Culvert, 12" CMP	60	Lft @	\$ 40.00 =	\$ 2,400.00	\$ 52.00 =	\$ 3,120.00	\$ 40.00 =	\$ 2,400.00	\$ 57.50 =	\$ 3,450.00
66.	6" - 8" Natural Stone Spillway	168	Syd @	\$ 110.00 =	\$ 18,480.00	\$ 79.00 =	\$ 13,272.00	\$ 75.00 =	\$ 12,600.00	\$ 115.00 =	\$ 19,320.00
67.	Rip Rap, Stone 4"-6"	20	Cyd @	\$ 178.00 =	\$ 3,560.00	\$ 240.00 =	\$ 4,800.00	\$ 200.00 =	\$ 4,000.00	\$ 115.00 =	\$ 2,300.00
68.	Reconstruct Golf Course Tee	2	Ea @	\$ 8,000.00 =	\$ 16,000.00	\$ 6,000.00 =	\$ 12,000.00	\$ 6,000.00 =	\$ 12,000.00	\$ 17,250.00 =	\$ 34,500.00
69.	Gravel Cart Path	445	Syd @	\$ 12.00 =	\$ 5,340.00	\$ 9.60 =	\$ 4,272.00	\$ 18.00 =	\$ 8,010.00	\$ 23.00 =	\$ 10,235.00
70.	Rough Grading of Treatment Wetlands	5,000	Syd @	\$ 3.00 =	\$ 15,000.00	\$ 2.40 =	\$ 12,000.00	\$ 1.50 =	\$ 7,500.00	\$ 11.50 =	\$ 57,500.00
71.	Fine Grading of Treatment Wetlands	4,000	Syd @	\$ 2.00 =	\$ 8,000.00	\$ 8.00 =	\$ 32,000.00	\$ 1.20 =	\$ 4,800.00	\$ 5.75 =	\$ 23,000.00
72.	Mix and Place 6" Treatment Wetland Soil Mix	675	Cyd @	\$ 28.00 =	\$ 18,900.00	\$ 29.35 =	\$ 19,811.25	\$ 50.00 =	\$ 33,750.00	\$ 57.50 =	\$ 38,812.50
73.	Place 4" - 6" Topsoil for Native Seeding Areas	825	Cyd @	\$ 19.00 =	\$ 15,675.00	\$ 21.00 =	\$ 17,325.00	\$ 40.00 =	\$ 33,000.00	\$ 40.25 =	\$ 33,206.25
74.	Place 4" Topsoil for Athletic Field Seed Mixes	1,300	Cyd @	\$ 18.00 =	\$ 23,400.00	\$ 21.00 =	\$ 27,300.00	\$ 50.00 =	\$ 65,000.00	\$ 40.25 =	\$ 52,325.00
75.	Athletic Field Seed	11,850	Syd @	\$ 3.00 =	\$ 35,550.00	\$ 3.75 =	\$ 44,437.50	\$ 3.50 =	\$ 41,475.00	\$ 1.15 =	\$ 13,627.50
76.	Athletic Field Sod	2,000	Syd @	\$ 8.00 =	\$ 16,000.00	\$ 10.00 =	\$ 20,000.00	\$ 10.00 =	\$ 20,000.00	\$ 5.18 =	\$ 10,360.00 *
77.	Bentgrass Seed	6,500	Syd @	\$ 4.50 =	\$ 29,250.00	\$ 3.75 =	\$ 24,375.00	\$ 3.50 =	\$ 22,750.00	\$ 1.15 =	\$ 7,475.00
78.	Bentgrass Sod	2,000	Syd @	\$ 10.00 =	\$ 20,000.00	\$ 3.75 =	\$ 7,500.00	\$ 30.00 =	\$ 60,000.00	\$ 16.10 =	\$ 32,200.00
79.	4" Topsoil for Tees, Greens, Fairways	700	Cyd @	\$ 18.00 =	\$ 12,600.00	\$ 21.00 =	\$ 14,700.00	\$ 50.00 =	\$ 35,000.00	\$ 57.50 =	\$ 40,250.00
80.	Native Seed	7,000	Syd @	\$ 4.40 =	\$ 30,800.00	\$ 4.20 =	\$ 29,400.00	\$ 3.98 =	\$ 27,860.00	\$ 4.60 =	\$ 32,200.00
81.	Native Perennial Plugs	984	Ea @	\$ 10.00 =	\$ 9,840.00	\$ 10.00 =	\$ 9,840.00	\$ 9.00 =	\$ 8,856.00	\$ 10.35 =	\$ 10,184.40
82.	One-Year Plant Maintenance & Guarantee	1	LS @	\$ 19,800.00 =	\$ 19,800.00	\$ 12,000.00 =	\$ 12,000.00	\$ 18,000.00 =	\$ 18,000.00	\$ 20,700.00 =	\$ 20,700.00
83.	Traffic Maintenance and Control	1	LS @	\$ 1,000.00 =	\$ 1,000.00	\$ 2,500.00 =	\$ 2,500.00	\$ 10,000.00 =	\$ 10,000.00	\$ 2,875.00 =	\$ 2,875.00
84.	Straw Blanket, As Directed	500	Syd @	\$ 3.00 =	\$ 1,500.00	\$ 2.50 =	\$ 1,250.00	\$ 2.00 =	\$ 1,000.00	\$ 2.30 =	\$ 1,150.00
85.	Construction Fencing, As Directed	500	Lft @	\$ 3.00 =	\$ 1,500.00	\$ 14.50 =	\$ 7,250.00	\$ 10.00 =	\$ 5,000.00	\$ 5.75 =	\$ 2,875.00
86.	Temporary Irrigation Modifications and Restoration	1	LS @	\$ 7,500.00 =	\$ 7,500.00	\$ 10,000.00 =	\$ 10,000.00	\$ 3,000.00 =	\$ 3,000.00	\$ 34,500.00 =	\$ 34,500.00
87.	8" PVC Schedule 40 Pipe	40	Lft @	\$ 40.00 =	\$ 1,600.00	\$ 60.00 =	\$ 2,400.00	\$ 40.00 =	\$ 1,600.00	\$ 57.50 =	\$ 2,300.00
88.	10" PVC Schedule 40 Pipe	40	Lft @	\$ 50.00 =	\$ 2,000.00	\$ 62.00 =	\$ 2,480.00	\$ 50.00 =	\$ 2,000.00	\$ 69.00 =	\$ 2,760.00
89.	Golf Course Restoration	1	LS @	\$ 25,000.00 =	\$ 25,000.00	\$ 15,700.00 =	\$ 15,700.00	\$ 35,000.00 =	\$ 35,000.00	\$ 46,000.00 =	\$ 46,000.00
Sub Total - DIVISION 2					\$ 385,630.00 *		\$ 407,614.00		\$ 538,901.00 *		\$ 565,094.18 *
TOTAL DIVISIONS 1 & 2					\$ 965,548.00 *		\$ 1,115,199.00		\$ 1,348,961.15 *		\$ 1,513,497.81 *

* Corrected by Engineer