

Area 5 and Area 7 Flood Mitigation (#8211847)

Bid Opening: 06/07/2022 04:00 PM

Budget Amount: \$2,700,000.00

Recommend award to the lowest bidder, C.W. Purpero, Inc., in the amount of \$2,599,587.78.

Line Item	Item Code	Item Description	UofM	QTY	#1		#2		#3	
					Unit Price	Extension	Unit Price	Extension	Unit Price	Extension
Area 7-Madison Commance University Michigan Mackenzie						\$2,312,887.78		\$2,272,855.80		\$2,836,865.71
1	1001	TRAFFIC CONTROL	LS	1	\$19,000.00	\$19,000.00	\$12,000.00	\$12,000.00	\$40,171.24	\$40,171.24
2	2002	SILT FENCE	LF	1300	\$2.00	\$2,600.00	\$1.80	\$2,340.00	\$1.65	\$2,145.00
3	2005	INLET PROTECTION	EACH	23	\$125.00	\$2,875.00	\$125.00	\$2,875.00	\$125.00	\$2,875.00
4	2010	CONSTRUCTION ENTRANCE	EACH	4	\$2,200.00	\$8,800.00	\$5,000.00	\$20,000.00	\$470.13	\$1,880.52
5	2015	TURBIDITY BARRIER	LF	120	\$25.00	\$3,000.00	\$22.00	\$2,640.00	\$18.50	\$2,220.00
6	2200	TYPE II DEWATERING	LS	4	\$1,000.00	\$4,000.00	\$14,500.00	\$58,000.00	\$7,078.79	\$28,315.16
7	3011	CLEARING	STA	17	\$1,500.00	\$25,500.00	\$2,400.00	\$40,800.00	\$1,050.00	\$17,850.00
8	3012	GRUBBING	STA	17	\$600.00	\$10,200.00	\$1,000.00	\$17,000.00	\$892.50	\$15,172.50
9	3050	DOWNED TREE REMOVAL	EACH	3	\$2,000.00	\$6,000.00	\$1,100.00	\$3,300.00	\$1,050.00	\$3,150.00
10	3101	REMOVE INLET	EACH	4	\$800.00	\$3,200.00	\$300.00	\$1,200.00	\$484.51	\$1,938.04
11	3110	REMOVE PIPE	LF	200	\$46.00	\$9,200.00	\$42.00	\$8,400.00	\$83.71	\$16,742.00
12	3250	REMOVE FENCE	LF	221.6	\$9.00	\$1,994.40	\$24.00	\$5,318.40	\$27.90	\$6,182.64
13	3501	SAWCUT FULL DEPTH	LF	470.3	\$3.25	\$1,528.48	\$3.00	\$1,410.90	\$5.00	\$2,351.50
14	3605	REMOVE EXISTING ASPHALT ROADWAY	SY	2334	\$5.00	\$11,670.00	\$8.00	\$18,672.00	\$4.03	\$9,406.02
15	4002	EXCAVATION CUT	CY	2300	\$26.50	\$60,950.00	\$30.00	\$69,000.00	\$24.45	\$56,235.00
16	4010	SHAPING AND GRADING	LF	1140	\$32.00	\$36,480.00	\$12.00	\$13,680.00	\$6.05	\$6,897.00
17	4502	CRUSHED AGGREGATE BASE COURSE, 1-1/4" (INCLUDES EBS)	TON	2087	\$25.00	\$52,175.00	\$22.00	\$45,914.00	\$25.87	\$53,990.69
18	4990	DITCH GRADING	LS	1	\$16,500.00	\$16,500.00	\$62,000.00	\$62,000.00	\$46,878.51	\$46,878.51
19	5011	PIPE BULKHEAD	EACH	3	\$1,000.00	\$3,000.00	\$500.00	\$1,500.00	\$583.93	\$1,751.79
20	5432	SANITARY MANHOLE CHIMNEY, FRAME & COVER REPLACEMENT	EACH	2	\$1,880.00	\$3,760.00	\$1,250.00	\$2,500.00	\$458.19	\$916.38
21	5475	48 INCH DIA STORM MANHOLE	EACH	1	\$4,260.00	\$4,260.00	\$2,600.00	\$2,600.00	\$2,560.16	\$2,560.16
22	5485	2'X3' STORM INLET	EACH	3	\$3,700.00	\$11,100.00	\$2,000.00	\$6,000.00	\$1,885.01	\$5,655.03
23	5548	18 INCH RCP STORM SEWER PIPE	LF	12	\$178.00	\$2,136.00	\$130.00	\$1,560.00	\$171.85	\$2,062.20
24	5554	24 INCH RCP STORM SEWER PIPE	LF	57	\$192.00	\$10,944.00	\$137.00	\$7,809.00	\$169.69	\$9,672.33
25	5557	27 INCH RCP STORM SEWER PIPE	LF	33	\$211.00	\$6,963.00	\$148.00	\$4,884.00	\$195.63	\$6,455.79
26	5672	72 INCH X 113 INCH TYPE I HERCP STORM SEWER PIPE	LF	220	\$1,825.00	\$401,500.00	\$2,100.00	\$462,000.00	\$1,579.65	\$347,523.00
27	5695	STORM MANHOLE CHIMNEY, FRAME & COVER REPLACEMENT	EACH	1	\$1,970.00	\$1,970.00	\$1,200.00	\$1,200.00	\$742.55	\$742.55
28	5875	BOX CULVERTS 10' X 4'	LF	262	\$1,854.00	\$485,748.00	\$1,668.00	\$437,016.00	\$3,566.17	\$934,336.54
29	5876	BOX CULVERTS 10' X 5'	LF	120	\$2,100.00	\$252,000.00	\$1,900.00	\$228,000.00	\$4,042.55	\$485,106.00
30	5881	BOX CULVERT END SECTION 10' X 4'	EACH	2	\$22,500.00	\$45,000.00	\$24,000.00	\$48,000.00	\$24,354.91	\$48,709.82
31	5903	HEAVY RIPRAP	CY	418.4	\$146.00	\$61,086.40	\$160.00	\$66,944.00	\$227.18	\$95,052.11
32	5905	RIPRAP FILTER FABRIC, TYPE HR	SY	627.6	\$5.00	\$3,138.00	\$5.00	\$3,138.00	\$3.96	\$2,485.30
33	5990	72 INCH X 113 INCH HERCP END SECTION	EACH	4	\$38,500.00	\$154,000.00	\$26,000.00	\$104,000.00	\$18,551.38	\$74,205.52
34	7002	CONCRETE CURB AND GUTTER REMOVAL & REPLACEMENT	LF	914.6	\$36.00	\$32,925.60	\$41.00	\$37,498.60	\$33.25	\$30,410.45
35	7003	CONCRETE SIDEWALK REMOVAL & REPLACEMENT	SF	2264.6	\$12.00	\$27,175.20	\$13.00	\$29,439.80	\$10.25	\$23,212.15

36	7301	CURB RAMP DETECTABLE WARNING FIELDS	SF	48	\$40.00	\$1,920.00	\$45.00	\$2,160.00	\$36.00	\$1,728.00
37	8203	HMA PAVEMENT TYPE 3LT5828S	TON	563	\$116.00	\$65,308.00	\$140.00	\$78,820.00	\$130.00	\$73,190.00
38	8205	HMA PAVEMENT TYPE 5LT5828S	TON	298	\$125.00	\$37,250.00	\$270.00	\$80,460.00	\$250.00	\$74,500.00
39	8065	HMA PAVEMENT PATCHING	SY	2000	\$67.00	\$134,000.00	\$44.00	\$88,000.00	\$40.00	\$80,000.00
40	12201	PAVEMENT MARKING EPOXY, LINE, 4-INCH	LF	252.6	\$4.00	\$1,010.40	\$3.50	\$884.10	\$3.50	\$884.10
41	12202	PAVEMENT MARKING EPOXY, DOUBLE LINE, 4-INCH	LF	455	\$8.00	\$3,640.00	\$8.00	\$3,640.00	\$7.50	\$3,412.50
42	13001	REMOVE SIGNS & POSTS	EACH	3	\$200.00	\$600.00	\$150.00	\$450.00	\$250.00	\$750.00
43	14001	TOPSOIL	SY	5300	\$5.25	\$27,825.00	\$5.00	\$26,500.00	\$5.50	\$29,150.00
44	14003	TOPSOIL, FERTILIZER, SEED & EROSION MAT	SY	1600	\$9.80	\$15,680.00	\$10.00	\$16,000.00	\$9.50	\$15,200.00
45	14005	TOPSOIL & SOD	SY	500	\$19.00	\$9,500.00	\$19.00	\$9,500.00	\$18.50	\$9,250.00
46	14006	BANK STABILIZATION RESTORATION	SY	200	\$45.00	\$9,000.00	\$47.00	\$9,400.00	\$50.00	\$10,000.00
47	14024	FLOODPLAIN SEED & EROSION MAT	SY	3700	\$4.00	\$14,800.00	\$4.00	\$14,800.00	\$3.95	\$14,615.00
48	14101	SPLIT-RAIL WOOD FENCE	LF	253.4	\$29.50	\$7,475.30	\$30.00	\$7,602.00	\$28.50	\$7,221.90
49	15001	8 INCH WATER MAIN OFFSET	EACH	1	\$37,000.00	\$37,000.00	\$14,000.00	\$14,000.00	\$20,051.56	\$20,051.56
50	15002	12 INCH WATER MAIN OFFSET	EACH	2	\$47,000.00	\$94,000.00	\$25,000.00	\$50,000.00	\$36,647.68	\$73,295.36
51	15003	16 INCH WATER MAIN OFFSET	EACH	1	\$61,000.00	\$61,000.00	\$30,000.00	\$30,000.00	\$32,799.41	\$32,799.41
52	15004	WATER SERVICE LATERAL RELOCATION	EACH	1	\$10,500.00	\$10,500.00	\$12,000.00	\$12,000.00	\$5,559.94	\$5,559.94
Area 5 Woodfield Park						\$286,700.00		\$377,020.00		\$336,294.61
53	14249.65	TRAFFIC CONTROL	LS	1	\$2,000.00	\$2,000.00	\$1,000.00	\$1,000.00	\$2,000.00	\$2,000.00
54	14521.36	SILT FENCE	LF	750	\$2.00	\$1,500.00	\$2.00	\$1,500.00	\$1.65	\$1,237.50
55	14793.07	EROSION BALES	EACH	30	\$13.00	\$390.00	\$13.00	\$390.00	\$12.50	\$375.00
56	15064.78	INLET PROTECTION	EACH	4	\$125.00	\$500.00	\$135.00	\$540.00	\$125.00	\$500.00
57	15336.48	CONSTRUCTION ENTRANCE	EACH	1	\$2,200.00	\$2,200.00	\$5,000.00	\$5,000.00	\$2,432.18	\$2,432.18
58	15608.19	CLEARING	STA	11	\$1,550.00	\$17,050.00	\$2,400.00	\$26,400.00	\$1,050.00	\$11,550.00
59	15879.9	GRUBBING	STA	11	\$600.00	\$6,600.00	\$1,000.00	\$11,000.00	\$892.50	\$9,817.50
60	16151.61	REMOVE PIPE	LF	110	\$45.00	\$4,950.00	\$80.00	\$8,800.00	\$64.48	\$7,092.80
61	16423.31	REMOVE EXISTING CURB AND GUTTER	LF	1100	\$4.00	\$4,400.00	\$8.00	\$8,800.00	\$7.58	\$8,338.00
62	16695.02	REMOVE EXISTING SIDEWALK	SF	350	\$3.50	\$1,225.00	\$11.00	\$3,850.00	\$2.51	\$878.50
63	16966.73	SAWCUTTING AT PAVEMENT LIMITS	LF	220	\$3.25	\$715.00	\$3.00	\$660.00	\$5.00	\$1,100.00
64	17238.44	REMOVE EXISTING ROADWAY	SY	1750	\$4.00	\$7,000.00	\$8.00	\$14,000.00	\$3.55	\$6,212.50
65	17510.14	GEOTEXTILE FABRIC TYPE SAS NON-WOVEN	SY	150	\$5.00	\$750.00	\$7.50	\$1,125.00	\$3.11	\$466.50
66	17781.85	GEOTEXTILE GRID TYPE BX1100	SY	150	\$4.00	\$600.00	\$8.00	\$1,200.00	\$5.43	\$814.50
67	18053.56	1-1/4" CRUSHED STONE ROADWAY BASE	TON	1500	\$22.50	\$33,750.00	\$25.00	\$37,500.00	\$27.74	\$41,610.00
68	18325.27	CRUSHED AGGREGATE BASE COURSE, 3" (INCLUDES EBS)	TON	400	\$48.00	\$19,200.00	\$45.00	\$18,000.00	\$41.86	\$16,744.00
69	18596.97	WOODFIELD PARK EARTHWORK AND GRADING	LS	1	\$30,000.00	\$30,000.00	\$47,000.00	\$47,000.00	\$45,964.07	\$45,964.07
70	18868.68	EXTRA BAGS OF CEMENT	EA	20	\$25.00	\$500.00	\$20.00	\$400.00	\$19.20	\$384.00
71	19140.39	30" TYPE A CONCRETE CURB & GUTTER	LF	700	\$31.00	\$21,700.00	\$30.00	\$21,000.00	\$26.80	\$18,760.00
72	19412.1	CURB RAMP DETECTABLE WARNING FIELDS	SF	20	\$40.00	\$800.00	\$43.00	\$860.00	\$36.00	\$720.00
73	19683.8	PEDESTRIAN CURB	LF	50	\$31.00	\$1,550.00	\$33.00	\$1,650.00	\$24.00	\$1,200.00
74	19955.51	4-INCH CONCRETE SIDEWALK	SF	250	\$8.50	\$2,125.00	\$8.00	\$2,000.00	\$11.70	\$2,925.00
75	20227.22	CONCRETE SURFACE DRAIN	EACH	1	\$1,700.00	\$1,700.00	\$830.00	\$830.00	\$950.00	\$950.00
76	20498.93	HMA PAVEMENT TYPE 3LT5828S	TON	275	\$108.00	\$29,700.00	\$140.00	\$38,500.00	\$130.00	\$35,750.00
77	20770.63	HMA PAVEMENT TYPE 5LT5828S	TON	190	\$134.00	\$25,460.00	\$260.00	\$49,400.00	\$250.00	\$47,500.00
78	21042.34	TOPSOIL, FERTILIZER, SEED & EROSION MAT	SY	2400	\$9.75	\$23,400.00	\$10.00	\$24,000.00	\$9.50	\$22,800.00
79	21314.05	TOPSOIL & SOD	SY	125	\$19.00	\$2,375.00	\$19.00	\$2,375.00	\$18.50	\$2,312.50
80	21585.76	8 INCH PVC SANITARY SEWER PIPE WITH ADDITIONAL EXCAVATION	LF	45	\$400.00	\$18,000.00	\$550.00	\$24,750.00	\$447.64	\$20,143.80
81	21857.47	36 INCH RCP STORM SEWER PIPE	LF	45	\$257.00	\$11,565.00	\$240.00	\$10,800.00	\$140.64	\$6,328.80

82	22129.17	36 INCH RCP STORM SEWER FLARED END SECTION	EACH	1	\$3,675.00	\$3,675.00	\$2,700.00	\$2,700.00	\$2,333.46	\$2,333.46
83	22400.88	HEAVY RIPRAP	CY	10	\$175.00	\$1,750.00	\$160.00	\$1,600.00	\$160.52	\$1,605.20
84	22672.59	RIPRAP FILTER FABRIC, TYPE HR	SY	20	\$8.00	\$160.00	\$5.00	\$100.00	\$6.94	\$138.80
85	22944.3	SANITARY SEWER CLEANING AND TELEVISIONING	LF	45	\$29.00	\$1,305.00	\$11.00	\$495.00	\$40.00	\$1,800.00
86	23216	STORM SEWER CLEANING AND TELEVISIONING	LF	45	\$29.00	\$1,305.00	\$11.00	\$495.00	\$40.00	\$1,800.00
87	23487.71	TOPSOIL, FERTILIZER, SEED & MULCH	SY	180	\$10.00	\$1,800.00	\$10.00	\$1,800.00	\$9.50	\$1,710.00
88	23759.42	REMOVE & REINSTALL EXISTING CHAIN-LINK FENCE	LS	1	\$5,000.00	\$5,000.00	\$6,500.00	\$6,500.00	\$10,000.00	\$10,000.00
Base Bid Total:						\$2,599,587.78		\$2,649,875.80		\$3,173,160.32