

ITB-RH-19-025

Innovation Hills Woodland and Wetland Boardwalks

M-K Construction Company 18388 Dix Toledo Road Brownstown, MI 48193	Cross Renovation 34133 Schoolcraft Rd. Livonia, MI 48150	LJ Construction, Inc. 5863 S. Kingston Rd. Clifford, MI 48727	Anglin Civil 13000 Newburgh Rd. Livonia, MI 48150
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Part A										
Item Description	Estimated Quantity		Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
Mobilization, Max 5%	1	L Sum	\$31,450.00	\$31,450.00	\$30,000.00	\$30,000.00	\$20,000.00	\$20,000.00	\$33,000.00	\$33,000.00
Clearing and Grubbing	1	L Sum	\$38,250.00	\$38,250.00	\$15,000.00	\$15,000.00	\$6,000.00	\$6,000.00	\$35,750.00	\$35,750.00
Comfort Station, Sidewalk, Conc, 4 inch	1,100	Sft	\$8.80	\$9,680.00	\$7.00	\$7,700.00	\$8.00	\$8,800.00	\$7.75	\$8,525.00
Comfort Station, Class II Sand, 4 inch	1,250	Sft	\$10.11	\$12,637.50	\$5.00	\$6,250.00	\$1.00	\$1,250.00	\$3.75	\$4,687.50
Comfort Station, Bike Rack, Installation Only	2	Ea	\$1,629.33	\$3,258.66	\$1,500.00	\$3,000.00	\$375.00	\$750.00	\$875.00	\$1,750.00
Comfort Station, Bench, Installation Only	2	Ea	\$1,629.33	\$3,258.66	\$1,500.00	\$3,000.00	\$375.00	\$750.00	\$1,562.50	\$3,125.00
Comfort Station, Drinking Fountain, Installation Only	1	Ea	\$3,258.67	\$3,258.67	\$5,000.00	\$5,000.00	\$1,000.00	\$1,000.00	\$3,125.00	\$3,125.00
Comfort Station, Grading	1	L Sum	\$11,994.68	\$11,994.68	\$5,000.00	\$5,000.00	\$15,000.00	\$15,000.00	\$25,000.00	\$25,000.00
Modular Restroom Base Preparation per Manufacturer (excavati	1	L Sum	\$30,595.28	\$30,595.28	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00	\$18,750.00	\$18,750.00
Modular Restroom Installation (including lift crane)	1	L Sum	\$26,292.02	\$26,292.02	\$30,000.00	\$30,000.00	\$27,000.00	\$27,000.00	\$43,750.00	\$43,750.00
Hot Box on Concrete Slab for Backflow Preventor and City Water	1	L Sum	\$7,947.34	\$7,947.34	\$5,000.00	\$5,000.00	\$4,500.00	\$4,500.00	\$6,250.00	\$6,250.00
Water Service Lead, 1" PE w/Blue Tracker Wire	400	Lft	\$44.59	\$17,836.00	\$120.00	\$48,000.00	\$10.00	\$4,000.00	\$56.25	\$22,500.00
Shared Use Path, Station Grading	3.4	Sta	\$13,312.41	\$45,262.19	\$2,300.00	\$7,820.00	\$3,000.00	\$10,200.00	\$3,125.00	\$10,625.00
Shared Use Path, Conc, 4 inch	115	Sft	\$47.29	\$5,438.35	\$10.00	\$1,150.00	\$12.00	\$1,380.00	\$7.50	\$862.50
Shared Use Path, Class II Sand, 4 inch	80	Sft	\$91.21	\$7,296.80	\$5.00	\$400.00	\$7.00	\$560.00	\$3.75	\$300.00
Shared Use Path, HMA, 5E03	36	Ton	\$162.77	\$5,859.72	\$100.00	\$3,600.00	\$200.00	\$7,200.00	\$200.00	\$7,200.00
Shared Use Path, HMA, 4E03	59	Ton	\$160.50	\$9,469.50	\$100.00	\$5,900.00	\$195.00	\$11,505.00	\$200.00	\$11,800.00
Shared Use Path, Aggregate Base & Shoulder, 21AA	123	Ton	\$81.25	\$9,993.75	\$50.00	\$6,150.00	\$50.00	\$6,150.00	\$62.50	\$7,687.50
Shared Use Path, HMA, Butt Joint	10	Lft	\$110.00	\$1,100.00	\$200.00	\$2,000.00	\$100.00	\$1,000.00	\$62.50	\$625.00
Shared Use Path, Removal, HMA	1,000	Sft	\$7.84	\$7,840.00	\$4.00	\$4,000.00	\$2.50	\$2,500.00	\$6.25	\$6,250.00
Shared Use Path, Removal, Aggregate	460	Sft	\$17.05	\$7,843.00	\$5.00	\$2,300.00	\$3.00	\$1,380.00	\$3.75	\$1,725.00
Woodland Boardwalk and Platform Grading	1	L Sum	\$31,494.68	\$31,494.68	\$70,000.00	\$70,000.00	\$7,500.00	\$7,500.00	\$18,750.00	\$18,750.00
Boardwalk (wood decking materials, timber framing included)	6,280	Sft	\$19.48	\$122,334.40	\$37.00	\$232,360.00	\$20.00	\$125,600.00	\$31.25	\$196,250.00
Boardwalk Railing (railing length measured per side)	68	Lft	\$270.00	\$18,360.00	\$182.00	\$12,376.00	\$50.00	\$3,400.00	\$168.75	\$11,475.00
Boardwalk Platform (wood decking materials, timber framing inc	750	Sft	\$23.98	\$17,985.00	\$63.00	\$47,250.00	\$22.00	\$16,500.00	\$31.25	\$23,437.50
Steel Helical Pier	102	Ea	\$1,208.74	\$123,291.48	\$1,092.00	\$111,384.00	\$825.00	\$84,150.00	\$750.00	\$76,500.00
Steel Helical Pier, Additional 7' Section	30	Ea	\$26.00	\$780.00	\$153.00	\$4,590.00	\$70.00	\$2,100.00	\$718.75	\$21,562.50
Restoration of Construction Area	1	L Sum	\$1,994.68	\$1,994.68	\$15,000.00	\$15,000.00	\$10,000.00	\$10,000.00	\$31,250.00	\$31,250.00
Soil Erosion and Sedimentation Control	1	L Sum	\$4,929.50	\$4,929.50	\$10,000.00	\$10,000.00	\$6,000.00	\$6,000.00	\$12,500.00	\$12,500.00
Tree Removal (stumps cut/treated 4" below boardwalk)	1	L Sum	\$11,994.68	\$11,994.68	\$25,000.00	\$25,000.00	\$3,000.00	\$3,000.00	\$12,500.00	\$12,500.00
Backflow Preventer	1	Ea	\$3,648.67	\$3,648.67	\$8,000.00	\$8,000.00	\$500.00	\$500.00	\$3,125.00	\$3,125.00
Water Meter Assembly & Permit from the City Building Departm	1	Ea	\$7,800.00	\$7,800.00	\$30,000.00	\$30,000.00	\$600.00	\$600.00	\$4,062.50	\$4,062.50
Sub Total Part A (Items 1-32)				\$641,175.21		\$767,230.00		\$400,275.00		\$664,700.00

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Part A - Alternate 1

Comfort Station, Sidewalk, HMA, 5E03	11	Ton	\$385.00	\$4,235.00	\$100.00	\$1,100.00	\$200.00	\$2,200.00	\$200.00	\$2,200.00
Comfort Station, Sidewalk, HMA, 4E03	17	Ton	\$330.00	\$5,610.00	\$100.00	\$1,700.00	\$195.00	\$3,315.00	\$200.00	\$3,400.00
Comfort Station, Aggregate Base, 21AA	22	Ton	\$311.60	\$6,855.20	\$50.00	\$1,100.00	\$50.00	\$1,100.00	\$62.50	\$1,375.00
Credit for Item 3 (Comfort Station, Sidewalk, Conc, 4 inch)	1	L Sum	-\$12,637.50	-\$12,637.50	-\$7,700.00	-\$7,700.00	-\$8,800.00	-\$8,800.00	-\$8,525.00	-\$8,525.00
Credit for Item 4 (Comfort Station, Class II Sand, 4 inch)	1	L Sum	-\$1.00	-\$1.00	-\$6,250.00	-\$6,250.00	-\$1,250.00	-\$1,250.00	-\$4,687.50	-\$4,687.50
Sub Total Part B (Items 33-42)				\$4,061.70		-\$10,050.00		-\$3,435.00		-\$6,237.50

Part B - Wetland Boardwalk

Mobilization, Max 5%	1	L Sum	\$14,350.00	\$14,350.00	\$16,000.00	\$16,000.00	\$9,000.00	\$9,000.00	\$15,000.00	\$15,000.00
Clearing and Grubbing	1	L Sum	\$10,400.00	\$10,400.00	\$15,000.00	\$15,000.00	\$5,000.00	\$5,000.00	\$15,000.00	\$15,000.00
Wetland Boardwalk	1	L Sum	\$25,497.34	\$25,497.34	\$60,000.00	\$60,000.00	\$3,500.00	\$3,500.00	\$18,750.00	\$18,750.00
Boardwalk (wood materials, timber framing included)	5,100	Sft	\$19.48	\$99,348.00	\$37.00	\$188,700.00	\$20.00	\$102,000.00	\$31.25	\$159,375.00
Boardwalk Railing (railing length measured per side)	110	Lft	\$270.00	\$29,700.00	\$182.00	\$20,020.00	\$50.00	\$5,500.00	\$168.75	\$18,562.50
Steel Helical Pier	66	Ea	\$1,557.10	\$102,768.60	\$1,092.00	\$72,072.00	\$825.00	\$54,450.00	\$750.00	\$49,500.00
Steel Helical Pier, Additional 7' Section	20	Ea	\$26.00	\$520.00	\$1.53	\$30.60	\$70.00	\$1,400.00	\$718.75	\$14,375.00
Restoration of Construction Area	1	L Sum	\$4,494.68	\$4,494.68	\$8,000.00	\$8,000.00	\$5,000.00	\$5,000.00	\$18,750.00	\$18,750.00
Soil Erosion and Sedimentation Control	1	L Sum	\$4,802.05	\$4,802.05	\$7,000.00	\$7,000.00	\$5,000.00	\$5,000.00	\$12,500.00	\$12,500.00
Tree Removal (stumps cut/treated 4" below boardwalk)	1	L Sum	\$8,567.63	\$8,567.63	\$25,000.00	\$25,000.00	\$5,000.00	\$5,000.00	\$12,500.00	\$12,500.00
Sub Total Part B (Items 33-42)				\$300,448.30		\$411,822.60		\$195,850.00		\$334,312.50

*\$3,000 less due to math error

Total Parts A & B (Items 1-42)	\$941,623.51	\$1,179,052.60	\$596,125.00	\$999,012.50
Total Parts A, A-Alternate 1, & B (Items 1-42 & Items 1A-5A)	\$945,685.21	\$1,169,002.60	\$592,690.00	\$992,775.00