



CITY OF MANITOWOC

WISCONSIN, USA
www.manitowoc.org

March 16, 2022

TO: Mayor and Common Council
FROM: Board of Public Works
SUBJECT: 2022 Intersection Reconstruction for Two-Way Traffic, Project #WS-22-13

Dear Mayor and Common Council:

At the March 9, 2022 Board of Public Works meeting, the Board met to receive bids for 2022 Intersection Reconstruction for Two-Way Traffic, Project #WS-22-13. City Clerk reported having received one (1) e-bids. Same was opened and accepted online through Quest, and is as follows:

Name	Bid Bond	Base Bid
Vinton Construction Company	Bid Bond	\$240,154.71

"Moved by City Attorney Kathleen McDaniel, seconded by City Clerk Mackenzie Reed-Kadow and unanimously carried to refer the bid to the Director of Public Infrastructure for tabulation and recommendation. Ayes, 7 . Nays, none."

Very Truly Yours,

MACKENZIE REED-KADOW
Secretary Board of Public Works

#WS-22-13 INTERSECTION RECONSTRUCTION FOR TWO-WAY TRAFFIC (#8136429)

BID DATE: MARCH 9, 2022

*Recommend awarding to
Vinton Construction Co
3-21-22*

**Vinton Construction
Company**

Item #	Item Description	UofM	Qty	Unit Price	Extension
NORTH 10TH & NORTH WATER STREET INTERSECTION				\$61,993.56	
1	Mobilization	LS	1	\$14,500.00	\$14,500.00
2	Traffic Control	LS	1	\$5,150.00	\$5,150.00
3	Inlet Protection, Type D (Diaper)	EA	4	\$120.00	\$480.00
4	Unclassified Excavation (Incl. Pavement & Curb)	CY	173	\$0.01	\$1.73
5	3" H.M.A. Pavement, Type 5LT 58-28S	SY	164	\$64.35	\$10,553.40
6	6" Crushed Aggregate Base Course (under new asphalt)	SY	164	\$6.86	\$1,125.04
7	30" Concrete Curb & Gutter w/6" Gravel Base	LF	144	\$52.30	\$7,531.20
8	Sawing Existing Concrete or Asphalt Pavement, Full Depth	LF	152	\$5.00	\$760.00
9	Sawing Concrete Sidewalk or Driveway	LF	11	\$5.00	\$55.00
10	3/4" Epoxy Coated Tie Bars (Includes Drilling)	EA	25	\$10.00	\$250.00
11	1/2" Epoxy Coated Tie Bars for Swk & Drwy (Includes Drilling)	EA	6	\$8.00	\$48.00
12	Remove Concrete Sidewalk	SF	170	\$2.00	\$340.00
13	6" Concrete Sidewalk w/ 2" Gravel Base (Handicap Ramps)	SF	233	\$12.00	\$2,796.00
14	New 5" Concrete Sidewalk w/ 2" Gravel Base	SF	300	\$8.50	\$2,550.00
15	Detectable Warning Fields	SF	24	\$45.00	\$1,080.00
16	Remove Inlet	EA	1	\$350.00	\$350.00
17	Remove Storm Pipe	LF	8	\$25.00	\$200.00
18	Furnish & Install Type 3 Inlet	EA	2	\$2,075.00	\$4,150.00
19	Furnish & Install 12" PVC Pipe (SDR-35), Storm Sewer	LF	33	\$96.00	\$3,168.00
20	Furnish & Install Type "H" Casting (R-3067-R Diagonal), Storm	EA	2	\$995.00	\$1,990.00
21	Trench Backfill for Storm Sewer Work	TON	20	\$20.00	\$400.00
22	Adjust 5-inch Valve Box	EA	1	\$250.00	\$250.00
23	Borrow (behind curb where old pav't. was removed)	CY	194	\$0.01	\$1.94
24	3" Pulverized Topsoil	SY	150	\$15.00	\$2,250.00
25	Seed, Fertilizer, and Water	SY	150	\$1.40	\$210.00
26	Erosion Mat, Urban Class 1, Type A w/Jute Netting	SY	150	\$1.36	\$204.00
27	Pavement Marking, 4-Inch, Epoxy	LF	50	\$2.15	\$107.50
28	Pavement Marking, Crosswalk, 6-Inch, Epoxy	LF	68	\$9.75	\$663.00
29	Pavement Marking, Stop Line, 18-Inch, Epoxy	EA	15	\$15.25	\$228.75
30	Construction Staking (Pavement, Curb, Sewer, Ect.)	LS	1	\$600.00	\$600.00
NORTH 11TH & MENASHA AVENUE INTERSECTION				\$61,742.36	
31	Mobilization	LS	1	\$12,000.00	\$12,000.00
32	Traffic Control	LS	1	\$5,100.00	\$5,100.00
33	Inlet Protection, Type D (Diaper)	EA	1	\$120.00	\$120.00
34	Unclassified Excavation (Incl. Pavement & Curb)	CY	114	\$0.01	\$1.14
35	8" Concrete Pavement W/Integral Curb	SY	75	\$115.00	\$8,625.00
36	7" Concrete Base Course	SY	19	\$85.00	\$1,615.00
37	6" Crushed Aggregate Base Course (under 8" & 7" concrete)	SY	94	\$0.01	\$0.94
38	30" Concrete Curb & Gutter w/6" Gravel Base	LF	77	\$52.30	\$4,027.10
39	2" H.M.A. Pavement, Type 5LT 58-28S	SY	19	\$223.80	\$4,252.20
40	Sawing Existing Concrete Pavement or Curb & Gutter, Full Depth	LF	225	\$3.50	\$787.50
41	Sawing Concrete Sidewalk or Driveway	LF	117	\$3.50	\$409.50
42	3/4" Epoxy Coated Tie Bars (Includes Drilling)	EA	78	\$10.00	\$780.00
43	1/2" Epoxy Coated Tie Bars for Swk & Drwy (Includes Drilling)	EA	8	\$8.00	\$64.00
44	Remove Concrete Sidewalk/Driveway	SF	833	\$2.00	\$1,666.00
45	6" Concrete Sidewalk w/ 2" Gravel Base (Handicap Ramps)	SF	133	\$12.00	\$1,596.00
46	New 5" Concrete Sidewalk w/ 2" Gravel Base	SF	503	\$8.50	\$4,275.50
47	Detectable Warning Fields	SF	24	\$45.00	\$1,080.00
48	Furnish & Install 8" PVC SDR-35, Storm Sewer	LF	35	\$83.00	\$2,905.00
49	Furnish & Install Type 1 Field Inlet (2' dia. - 3' deep)	EA	1	\$1,800.00	\$1,800.00
50	Furnish & Install Type "J" Casting (R-2050-C) Open Grate, Storm	EA	1	\$801.00	\$801.00
51	Trench Backfill for Storm Sewer Work	TON	9	\$20.00	\$180.00
52	Borrow (behind curb where old pav't. was removed)	CY	151	\$0.01	\$1.51
53	3" Pulverized Topsoil	SY	328	\$12.50	\$4,100.00
54	Seed, Fertilizer, and Water	SY	328	\$1.37	\$449.36

55 Erosion Mat, Urban Class 1, Type A w/Jute Netting	SY	328	\$1.32	\$432.96
56 Pavement Marking, 6-Inch Crosswalk, Epoxy	LF	204	\$9.75	\$1,989.00
57 Pavement Marking, 18-Inch Stop Line, Epoxy	LF	35	\$15.25	\$533.75
58 Handling Contaminated Soil	CY	3	\$500.00	\$1,500.00
59 Remove Pole with Stop Sign	EA	1	\$49.90	\$49.90
60 Construction Staking (Pavement, Curb, Sewer, Ect.)	LS	1	\$600.00	\$600.00
NORTH 8TH & WALDO BOULEVARD INTERSECTION			\$65,247.24	
61 Mobilization	LS	1	\$10,500.00	\$10,500.00
62 Traffic Control	LS	1	\$7,300.00	\$7,300.00
63 Inlet Protection, Type D (Diaper)	EA	3	\$125.00	\$375.00
64 Unclassified Excavation (Incl. Pavement & Curb)	CY	264	\$35.23	\$9,300.72
65 8.5" Concrete Pavement W/Integral Curb (Doweled)	SY	301	\$65.50	\$19,715.50
66 12" Breaker Run (6" & Down)	SY	262	\$10.45	\$2,737.90
67 6" Crushed Aggregate Base Course	SY	262	\$5.60	\$1,467.20
68 Concrete Median Sloped Nose	SF	8	\$12.00	\$96.00
69 Sawing Existing Concrete Pavement or Curb & Gutter, Full Depth	LF	296	\$3.50	\$1,036.00
70 Sawing Concrete Sidewalk or Driveway	LF	10	\$5.00	\$50.00
71 1 1/4" Epoxy Coated Dowel Bars (Includes Drilling)	EA	49	\$14.00	\$686.00
72 3/4" Epoxy Coated Tie Bars (Includes Drilling)	EA	100	\$10.00	\$1,000.00
73 1/2" Epoxy Coated Tie Bars for Swk & Drwy (Includes Drilling)	EA	4	\$8.00	\$32.00
74 6" Concrete Sidewalk (Removed & Replaced) w/ 2" Gravel Base	SF	200	\$12.50	\$2,500.00
75 Detectable Warning Fields	SF	10	\$45.00	\$450.00
76 Relocate Catch Basin	EA	1	\$2,180.00	\$2,180.00
77 Furnish & Install 12" Class III RCP, Storm Sewer	LF	7	\$96.00	\$672.00
78 Trench Backfill for Storm Sewer Work	TON	6	\$20.00	\$120.00
79 3" Pulverized Topsoil	SY	145	\$15.00	\$2,175.00
80 Seed, Fertilizer, and Water	SY	145	\$1.40	\$203.00
81 Erosion Mat, Urban Class 1, Type A w/Jute Netting	SY	145	\$1.36	\$197.20
82 Relocate Wood Sign Posts	EA	4	\$132.18	\$528.72
83 Pavement Marking, Channel, Epoxy, 8-Inch, (Waldo)	LF	115	\$3.80	\$437.00
84 Pavement Marking, Stop Line, Epoxy, 18-Inch (Waldo)	LF	12	\$15.25	\$183.00
85 Pavement Marking, Arrow, Type 2, Epoxy (Waldo Turn Lane)	EA	2	\$275.00	\$550.00
86 Pavement Marking, Island Nose, Epoxy (Waldo)	EA	1	\$155.00	\$155.00
87 Construction Staking (Pavement, Curb, Sewer, Ect.)	LS	1	\$600.00	\$600.00
NORTH 8TH & WALDO BOULEVARD - TRAFFIC SIGNAL WORK			\$51,171.55	
204.02 Removing Concrete Bases (Type 2 & 10)	EA	2	\$1,560.00	\$3,120.00
652.02 Nonmetallic Conduit, Schedule 40, 2-Inch	LF	240	\$11.70	\$2,808.00
652.02 Nonmetallic Conduit, Schedule 40, 3-Inch	LF	60	\$15.60	\$936.00
652.08 Conduit Loop Detector	LF	180	\$7.80	\$1,404.00
653.02 Pull Boxes, Non-Conductive 24x36-Inch	EA	1	\$2,080.00	\$2,080.00
653.02 Pull Boxes, Non-Conductive 24x42-Inch	EA	1	\$2,275.00	\$2,275.00
653.09 Removing Pull Boxes	EA	2	\$97.50	\$195.00
654.01 Concrete Bases, Type 1	EA	1	\$1,202.50	\$1,202.50
654.01 Concrete Bases, Type 13	EA	1	\$16,250.00	\$16,250.00
655.02 Cable Traffic Signal, 5-14 AWG	LF	160	\$2.34	\$374.40
655.02 Cable Traffic Signal, 7-14 AWG	LF	85	\$2.73	\$232.05
655.07 Loop detector Lead in Cable	LF	440	\$2.28	\$1,003.20
655.08 Loop Detector Wire	LF	504	\$0.85	\$428.40
657.01 Install Black, Pedestal Bases (Provide by City)	EA	1	\$97.50	\$97.50
657.04 Install Black, Traffic Signal Standard, Aluminum, 13-FT (Provided by City)	EA	1	\$162.50	\$162.50
658.02 Install Black, Traffic Signal Face 3S 12-Inch (Provided by City)	EA	3	\$208.00	\$624.00
658.02 Install Black, Traffic Signal Face 4S 12-Inch (Provided by City)	EA	2	\$260.00	\$520.00
658.04 Install Black, Pedestrian Signal Face 16-Inch (Provided by City)	EA	2	\$182.00	\$364.00
658.05 Black, Pedestrian Push Buttons (Remove & Install)	EA	2	\$325.00	\$650.00
658.506 Signal Mounting Hardware	LS	1	\$2,405.00	\$2,405.00
659.11 Luminaires Utility LED C (Remove & Install)	EA	1	\$585.00	\$585.00
SPV.000 Vehicle Detection Camera System	LS	1	\$1,625.00	\$1,625.00
SPV.000 Salvage Existing Poles & Arms	LS	1	\$3,250.00	\$3,250.00
SPV.000 Transport and Install Monotube Assemblies Type 13 & 1	LS	1	\$6,305.00	\$6,305.00
SPV.000 Modify Signal Base 5	LS	1	\$2,275.00	\$2,275.00

BASE BID TOTAL:

\$240,154.71