

April 18, 2018
2170659

Ms. Amy Gilson
Director of Public Works
City of Charlotte
111 E. Lawrence Ave.
Charlotte, MI 48813-1554

RE: State & Lincoln Streets Reconstruction

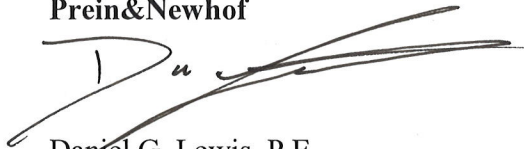
Dear Ms. Gilson:

Please find enclosed the bid tabulation for the subject project. We have reviewed the bids submitted and recommend award to TCI Inc. of Michigan of Eaton Rapids, Michigan in the amount of \$1,809,081.40.

Following Council action regarding contract award, we will request that the contractor furnish the necessary bonds and insurance and prepare the contracts for execution. If you have any questions, please contact our office.

Sincerely,

Prein&Newhof



Daniel G. Lewis, P.E.

DGL:dlj

Enclosure

Prein&Newhof

Engineers • Surveyors • Environmental • Laboratory

7123 Stadium Drive Kalamazoo, MI 49007

t. (269) 372-1158 f. (269) 372-3411

Bid Tabulation

Owner:				1st		2nd		3rd	
City of Charlotte				TCI Inc. of Michigan		Michigan Paving & Materials		Hoffman Bros., Inc.	
Project Title:				5501 E. Clinton Trail		16777 Wood St.		8574 Verona Rd.	
State & Lincoln Streets Reconstruction				Eaton Rapids, MI 48827		Lansing, MI 48906		Battle Creek, MI 49014	
Bid Date & Time:			Project #:						
April 17, 2018 at 2:30 pm			2170659						
Item No.	Description	Quantity	Unit	Unit Price	Total Amount	Unit Price	Total Amount	Unit Price	Total Amount
1	Mobilization	1	LS	\$33,330.00	\$33,330.00	\$15,250.00	\$15,250.00	\$153,540.00	\$153,540.00
2	Pavement Remove (HMA&Concrete)	23,500	SY	\$3.08	\$72,380.00	\$5.50	\$129,250.00 *	\$4.61	\$108,335.00
3	Sidewalk Remove	520	SY	\$4.50	\$2,340.00	\$5.00	\$2,600.00	\$5.99	\$3,114.80
4	Curb and Gutter Remove	4,000	LF	\$2.25	\$9,000.00	\$3.00	\$12,000.00	\$1.82	\$7,280.00
5	Hydrant, Rem	2	EA	\$2,500.00	\$5,000.00	\$500.00	\$1,000.00	\$1,316.00	\$2,632.00
6	8" Sanitary Sewer	691	LF	\$38.94	\$26,907.54	\$63.50	\$43,878.50	\$58.45	\$40,388.95
7	10" Sanitary Sewer	1,159	LF	\$40.75	\$47,229.25	\$65.50	\$75,914.50	\$61.75	\$71,568.25
8	12" Sanitary Sewer	163	LF	\$52.59	\$8,572.17	\$78.00	\$12,714.00	\$87.75	\$14,303.25
9	Bypass Pump	1	LS	\$13,028.00	\$13,028.00	\$15,000.00	\$15,000.00	\$10,685.00	\$10,685.00
10	Sanitary Sewer, abandon in place	1	LS	\$8,256.00	\$8,256.00	\$3,000.00	\$3,000.00	\$11,815.00	\$11,815.00
11	Sanitary Sewer Laterals	27	EA	\$1,792.64	\$48,401.28	\$1,000.00	\$27,000.00	\$1,110.00	\$29,970.00
12	Sanitary Manholes (4' dia)	10	EA	\$3,374.35	\$33,743.50	\$4,070.00	\$40,700.00	\$3,786.00	\$37,860.00
13	Sanitary Manholes (6' dia)	1	EA	\$7,271.82	\$7,271.82	\$6,500.00	\$6,500.00	\$8,699.00	\$8,699.00
14	Dr Structure, 24 inch dia	2	EA	\$1,548.40	\$3,096.80	\$1,050.00	\$2,100.00	\$1,913.00	\$3,826.00
15	Dr Structure, 48 inch dia	10	EA	\$1,833.84	\$18,338.40	\$2,810.00	\$28,100.00	\$2,613.00	\$26,130.00
16	12" Storm Sewer	1,091	LF	\$35.49	\$38,719.59	\$36.00	\$39,276.00	\$51.05	\$55,695.55
17	Storm Sewer, remove off-site	1	LS	\$11,500.00	\$11,500.00	\$1,500.00	\$1,500.00	\$6,722.00	\$6,722.00
18	6" Underdrain, Subbase (Both Sides)	4,000	LF	\$9.10	\$36,400.00	\$5.45	\$21,800.00	\$7.89	\$31,560.00
19	Water Main, 4"	74	LF	\$50.59	\$3,743.66	\$67.50	\$4,995.00	\$50.85	\$3,762.90
20	Water Main, 6"	65	LF	\$45.29	\$2,943.85	\$64.10	\$4,166.50	\$90.90	\$5,908.50
21	Water Main, 8"	1,032	LF	\$51.38	\$53,024.16	\$60.00	\$61,920.00	\$59.65	\$61,558.80
22	Water Main, 12"	43	LF	\$79.63	\$3,424.09	\$93.00	\$3,999.00	\$138.80	\$5,968.40
23	Water Main, 4" Valve & Box	1	EA	\$1,126.63	\$1,126.63	\$1,083.00	\$1,083.00	\$1,150.00	\$1,150.00
24	Water Main, 8" Valve & Box	3	EA	\$1,614.89	\$4,844.67	\$1,585.00	\$4,755.00	\$1,665.00	\$4,995.00
25	Water Main, 4 Inch x 8 Inch Reducer	4	EA	\$570.07	\$2,280.28	\$900.00	\$3,600.00	\$299.50	\$1,198.00
26	Water Main, 4 Inch 45 Degree Bend	3	EA	\$538.02	\$1,614.06	\$562.00	\$1,686.00	\$245.20	\$735.60
27	Water Main, 8 Inch 45 Degree Bend	6	EA	\$835.43	\$5,012.58	\$627.00	\$3,762.00	\$362.10	\$2,172.60
28	Water Main, 4 Inch Pipe Sleeve	2	EA	\$540.44	\$1,080.88	\$568.00	\$1,136.00	\$249.10	\$498.20
29	Water Main, 12 Inch Pipe Sleeve	1	EA	\$997.45	\$997.45	\$1,255.00	\$1,255.00	\$595.90	\$595.90
30	Water Main, 8" x 8" x 8" Tee	1	EA	\$835.43	\$835.43	\$1,235.00	\$1,235.00	\$546.70	\$546.70

Prein&Newhof

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7123 Stadium Drive Kalamazoo, MI 49007

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Bid Tabulation

Owner:				1st		2nd		3rd	
City of Charlotte				TCI Inc. of Michigan 5501 E. Clinton Trail Eaton Rapids, MI 48827		Michigan Paving & Materials 16777 Wood St. Lansing, MI 48906		Hoffman Bros., Inc. 8574 Verona Rd. Battle Creek, MI 49014	
Project Title:									
State & Lincoln Streets Reconstruction									
Bid Date & Time:			Project #:						
April 17, 2018 at 2:30 pm			2170659						
Item No.	Description	Quantity	Unit	Unit Price	Total Amount	Unit Price	Total Amount	Unit Price	Total Amount
31	Water Main, 12" x 12" x 6" Tee	2	EA	\$1,063.56	\$2,127.12	\$1,570.00	\$3,140.00	\$877.00	\$1,754.00
32	Water Main, 12" x 12" x 8" Tee	1	EA	\$2,489.74	\$2,489.74	\$1,890.00	\$1,890.00	\$936.40	\$936.40
33	Water Main, 12" x 12" x 6" Tapping Sleeve and Valve	2	EA	\$3,292.74	\$6,585.48	\$3,260.00	\$6,520.00	\$3,941.00	\$7,882.00
34	Water Main, 12" x 12" x 12" Tapping Sleeve and Valve	1	EA	\$6,596.50	\$6,596.50	\$6,350.00	\$6,350.00	\$8,008.00	\$8,008.00
35	Water Main, 8" x 8" x 8" Tapping Sleeve and Valve	2	EA	\$670.00	\$1,340.00	\$3,450.00	\$6,900.00	\$4,526.00	\$9,052.00
36	Water Main, abandon in place	1	LS	\$4,096.00	\$4,096.00	\$5,000.00	\$5,000.00	\$6,796.00	\$6,796.00
37	Water Main, Service Long	10	EA	\$2,438.37	\$24,383.70	\$1,500.00	\$15,000.00	\$1,561.00	\$15,610.00
38	Water Main, Service Short	10	EA	\$1,187.57	\$11,875.70	\$1,150.00	\$11,500.00	\$769.70	\$7,697.00
39	Fire Hydrant complete (connecting pieces, 6" valve, & hydrant)	4	EA	\$4,624.73	\$18,498.92	\$4,400.00	\$17,600.00	\$5,000.00	\$20,000.00
40	School Watermain (including appurtances)	1	LS	\$16,766.35	\$16,766.35	\$30,400.00	\$30,400.00	\$32,075.00	\$32,075.00
41	Machine Grading	51.00	STA	\$981.50	\$50,056.50	\$2,750.00	\$140,250.00	\$776.50	\$39,601.50
42	Aggregate Base, 8" MDOT 21AA	30,000	SY	\$6.90	\$207,000.00	\$9.00	\$270,000.00	\$6.00	\$180,000.00
43	Subgrade Undercut (MDOT Class II or Greater)	2,000	CY	\$17.89	\$35,780.00	\$12.00	\$24,000.00	\$25.90	\$51,800.00
44	HMA, 5E3	2,800	TON	\$67.11	\$187,908.00	\$71.15	\$199,220.00	\$63.90	\$178,920.00
45	HMA, 4E3	2,800	TON	\$65.79	\$184,212.00	\$64.63	\$180,964.00	\$62.65	\$175,420.00
46	HMA, 3E3	4,200	TON	\$64.70	\$271,740.00	\$58.81	\$247,002.00	\$61.65	\$258,930.00
47	Curb and Gutter, Conc, Det F4	4,000	LF	\$11.81	\$47,240.00	\$11.25	\$45,000.00	\$13.25	\$53,000.00
48	Curb and Gutter, Conc Det E1	100	LF	\$21.00	\$2,100.00	\$20.00	\$2,000.00	\$23.60	\$2,360.00
49	Sidewalk, 4 Inch	4,000	SF	\$2.99	\$11,960.00	\$2.85	\$11,400.00	\$3.54	\$14,160.00
50	Sidewalk, 6 Inch	3,500	SF	\$3.75	\$13,125.00	\$3.55	\$12,425.00	\$4.24	\$14,840.00
51	Detectable Warning Surface	60	LF	\$33.60	\$2,016.00	\$32.00	\$1,920.00	\$32.00	\$1,920.00
52	Concrete Driveways (full cross section)	1,050	SY	\$48.20	\$50,610.00	\$45.90	\$48,195.00	\$53.30	\$55,965.00
53	D&G HMA Driveway (full cross section)	350	SY	\$25.64	\$8,974.00	\$17.50	\$6,125.00	\$31.80	\$11,130.00
54	Guardrail	1	LS	\$6,600.00	\$6,600.00	\$4,450.00	\$4,450.00	\$5,260.00	\$5,260.00
55	Turf Restoration	51.00	STA	\$380.00	\$19,380.00	\$200.00	\$10,200.00	\$228.00	\$11,628.00
56	Pavt Mrkg, Waterborne, 4 inch, White	768	LF	\$0.10	\$76.80	\$0.10	\$76.80	\$0.09	\$69.12
57	Pavt Mrkg, Waterborne, 4 inch, Yellow	11,000	LF	\$0.10	\$1,100.00	\$0.10	\$1,100.00	\$0.09	\$990.00
58	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	115	LF	\$11.00	\$1,265.00	\$7.25	\$833.75	\$10.00	\$1,150.00
59	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	575	LF	\$2.10	\$1,207.50	\$2.25	\$1,293.75	\$2.00	\$1,150.00

Bid Tabulation

Owner: City of Charlotte				1st		2nd		3rd	
Project Title: State & Lincoln Streets Reconstruction				TCI Inc. of Michigan 5501 E. Clinton Trail Eaton Rapids, MI 48827		Michigan Paving & Materials 16777 Wood St. Lansing, MI 48906		Hoffman Bros., Inc. 8574 Verona Rd. Battle Creek, MI 49014	
Bid Date & Time: April 17, 2018 at 2:30 pm			Project #: 2170659						
Item No.	Description	Quantity	Unit	Unit Price	Total Amount	Unit Price	Total Amount	Unit Price	Total Amount
60	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Crosswalk	120	LF	\$5.50	\$660.00	\$3.75	\$450.00	\$5.00	\$600.00
61	Pavt Mrkg, Ovly Cold Plastic, School	4	EA	\$214.50	\$858.00	\$165.00	\$660.00	\$195.00	\$780.00
62	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	3	EA	\$154.00	\$462.00	\$120.00	\$360.00	\$140.00	\$420.00
63	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	4	EA	\$154.00	\$616.00	\$120.00	\$480.00	\$140.00	\$560.00
64	Pavt Mrkg, Ovly Cold Plastic, Thru and Rt Turn Arrow Sym	1	EA	\$209.00	\$209.00	\$175.00	\$175.00	\$190.00	\$190.00
65	Maintenance of Traffic	1	LS	\$3,630.00	\$3,630.00	\$18,400.00	\$18,400.00	\$40,760.00	\$40,760.00
66	SESC Measures	1	LS	\$6,000.00	\$6,000.00	\$10,000.00	\$10,000.00	\$40,945.00	\$40,945.00
67	Remove Curb If Necessary (STA 0+36 to 31+40)	6,000	LF	\$2.25	\$13,500.00	\$0.50	\$3,000.00	\$2.83	\$16,980.00
68	Concrete Curb and Gutter If Necessary (STA 0+36 to 31+40)	6,000	LF	\$11.81	\$70,860.00	\$11.25	\$67,500.00	\$11.25	\$67,500.00
69	Special Backfill-Pipe, if necessary	600	CY	\$17.89	\$10,734.00	\$20.00	\$12,000.00	\$19.60	\$11,760.00
Total Bid				\$1,809,081.40		\$1,994,955.80 *		\$2,061,814.42	

* Denotes correction made by Engineer

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Bid Tabulation

Owner:				4th		5th		6th	
City of Charlotte				Mead Bros. Excavating P.O. Box 99 Springport, MI 49284		Kammaing & Roodvoets, Inc. 3435 Broadmoor Ave. Grand Rapids, MI 49512		C & D Hughes, Inc. 3097 Lansing Rd. Charlotte, MI 48813	
Project Title:									
State & Lincoln Streets Reconstruction									
Bid Date & Time:			Project #:						
April 17, 2018 at 2:30 pm			2170659						
Item No.	Description	Quantity	Unit	Unit Price	Total Amount	Unit Price	Total Amount	Unit Price	Total Amount
1	Mobilization	1	LS	\$118,710.00	\$118,710.00	\$121,000.00	\$121,000.00	\$70,000.00	\$70,000.00
2	Pavement Remove (HMA&Concrete)	23,500	SY	\$5.00	\$117,500.00	\$5.70	\$133,950.00	\$7.00	\$164,500.00
3	Sidewalk Remove	520	SY	\$5.00	\$2,600.00	\$5.00	\$2,600.00	\$6.00	\$3,120.00
4	Curb and Gutter Remove	4,000	LF	\$3.00	\$12,000.00	\$2.00	\$8,000.00	\$6.00	\$24,000.00
5	Hydrant, Rem	2	EA	\$600.00	\$1,200.00	\$785.00	\$1,570.00	\$500.00	\$1,000.00
6	8" Sanitary Sewer	691	LF	\$63.50	\$43,878.50	\$66.00	\$45,606.00	\$60.00	\$41,460.00
7	10" Sanitary Sewer	1,159	LF	\$65.50	\$75,914.50	\$69.00	\$79,971.00	\$75.00	\$86,925.00
8	12" Sanitary Sewer	163	LF	\$78.00	\$12,714.00	\$105.00	\$17,115.00	\$90.00	\$14,670.00
9	Bypass Pump	1	LS	\$15,000.00	\$15,000.00	\$12,000.00	\$12,000.00	\$0.01	\$0.01
10	Sanitary Sewer, abandon in place	1	LS	\$3,000.00	\$3,000.00	\$10,000.00	\$10,000.00	\$1,000.00	\$1,000.00
11	Sanitary Sewer Laterals	27	EA	\$1,000.00	\$27,000.00	\$1,200.00	\$32,400.00	\$2,000.00	\$54,000.00
12	Sanitary Manholes (4' dia)	10	EA	\$4,070.00	\$40,700.00	\$3,065.00	\$30,650.00	\$2,500.00	\$25,000.00
13	Sanitary Manholes (6' dia)	1	EA	\$6,500.00	\$6,500.00	\$6,040.00	\$6,040.00	\$7,500.00	\$7,500.00
14	Dr Structure, 24 inch dia	2	EA	\$1,050.00	\$2,100.00	\$1,820.00	\$3,640.00	\$1,500.00	\$3,000.00
15	Dr Structure, 48 inch dia	10	EA	\$2,810.00	\$28,100.00	\$2,270.00	\$22,700.00	\$2,000.00	\$20,000.00
16	12" Storm Sewer	1,091	LF	\$36.00	\$39,276.00	\$55.00	\$60,005.00	\$45.00	\$49,095.00
17	Storm Sewer, remove off-site	1	LS	\$1,500.00	\$1,500.00	\$7,000.00	\$7,000.00	\$1,000.00	\$1,000.00
18	6" Underdrain, Subbase (Both Sides)	4,000	LF	\$5.45	\$21,800.00	\$7.00	\$28,000.00	\$3.00	\$12,000.00
19	Water Main, 4"	74	LF	\$67.50	\$4,995.00	\$60.00	\$4,440.00	\$80.00	\$5,920.00
20	Water Main, 6"	65	LF	\$64.10	\$4,166.50	\$63.00	\$4,095.00	\$80.00	\$5,200.00
21	Water Main, 8"	1,032	LF	\$60.00	\$61,920.00	\$65.00	\$67,080.00	\$65.00	\$67,080.00
22	Water Main, 12"	43	LF	\$93.00	\$3,999.00	\$105.00	\$4,515.00	\$100.00	\$4,300.00
23	Water Main, 4" Valve & Box	1	EA	\$1,083.00	\$1,083.00	\$1,165.00	\$1,165.00	\$800.00	\$800.00
24	Water Main, 8" Valve & Box	3	EA	\$1,585.00	\$4,755.00	\$1,660.00	\$4,980.00	\$1,200.00	\$3,600.00
25	Water Main, 4 Inch x 8 Inch Reducer	4	EA	\$900.00	\$3,600.00	\$345.00	\$1,380.00	\$200.00	\$800.00
26	Water Main, 4 Inch 45 Degree Bend	3	EA	\$562.00	\$1,686.00	\$380.00	\$1,140.00	\$200.00	\$600.00
27	Water Main, 8 Inch 45 Degree Bend	6	EA	\$627.00	\$3,762.00	\$460.00	\$2,760.00	\$250.00	\$1,500.00
28	Water Main, 4 Inch Pipe Sleeve	2	EA	\$568.00	\$1,136.00	\$1,245.00	\$2,490.00	\$1,000.00	\$2,000.00
29	Water Main, 12 Inch Pipe Sleeve	1	EA	\$1,255.00	\$1,255.00	\$2,080.00	\$2,080.00	\$2,000.00	\$2,000.00
30	Water Main, 8" x 8" x 8" Tee	1	EA	\$1,235.00	\$1,235.00	\$565.00	\$565.00	\$800.00	\$800.00

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Bid Tabulation

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City of Charlotte				Mead Bros. Excavating P.O. Box 99 Springport, MI 49284		Kammaing & Roodvoets, Inc. 3435 Broadmoor Ave. Grand Rapids, MI 49512		C & D Hughes, Inc. 3097 Lansing Rd. Charlotte, MI 48813	
Project Title:									
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Bid Date & Time:			Project #:						
April 17, 2018 at 2:30 pm			2170659						
Item No.	Description	Quantity	Unit						
31	Water Main, 12" x 12" x 6" Tee	2	EA	\$1,570.00	\$3,140.00	\$690.00	\$1,380.00	\$800.00	\$1,600.00
32	Water Main, 12" x 12" x 8" Tee	1	EA	\$1,890.00	\$1,890.00	\$730.00	\$730.00	\$800.00	\$800.00
33	Water Main, 12" x 12" x 6" Tapping Sleeve and Valve	2	EA	\$3,260.00	\$6,520.00	\$5,160.00	\$10,320.00	\$6,500.00	\$13,000.00
34	Water Main, 12" x 12" x 12" Tapping Sleeve and Valve	1	EA	\$6,350.00	\$6,350.00	\$6,180.00	\$6,180.00	\$9,000.00	\$9,000.00
35	Water Main, 8" x 8" x 8" Tapping Sleeve and Valve	2	EA	\$3,450.00	\$6,900.00	\$4,060.00	\$8,120.00	\$6,500.00	\$13,000.00
36	Water Main, abandon in place	1	LS	\$5,000.00	\$5,000.00	\$2,700.00	\$2,700.00	\$1,000.00	\$1,000.00
37	Water Main, Service Long	10	EA	\$1,500.00	\$15,000.00	\$2,300.00	\$23,000.00	\$2,000.00	\$20,000.00
38	Water Main, Service Short	10	EA	\$1,150.00	\$11,500.00	\$1,300.00	\$13,000.00	\$1,000.00	\$10,000.00
39	Fire Hydrant complete (connecting pieces, 6" valve, & hydrant)	4	EA	\$4,400.00	\$17,600.00	\$4,800.00	\$19,200.00	\$3,500.00	\$14,000.00
40	School Watermain (including appurtances)	1	LS	\$31,000.00	\$31,000.00	\$24,000.00	\$24,000.00	\$25,000.00	\$25,000.00
41	Machine Grading	51.00	STA	\$2,750.00	\$140,250.00	\$1,700.00	\$86,700.00	\$4,250.00	\$216,750.00
42	Aggregate Base, 8" MDOT 21AA	30,000	SY	\$9.00	\$270,000.00	\$10.65	\$319,500.00	\$6.50	\$195,000.00
43	Subgrade Undercut (MDOT Class II or Greater)	2,000	CY	\$12.00	\$24,000.00	\$8.00	\$16,000.00	\$6.00	\$12,000.00
44	HMA, 5E3	2,800	TON	\$71.15	\$199,220.00 *	\$63.92	\$178,976.00	\$63.92	\$178,976.00
45	HMA, 4E3	2,800	TON	\$64.63	\$180,964.00	\$62.66	\$175,448.00	\$62.66	\$175,448.00
46	HMA, 3E3	4,200	TON	\$58.81	\$247,002.00	\$61.63	\$258,846.00	\$61.63	\$258,846.00
47	Curb and Gutter, Conc, Det F4	4,000	LF	\$11.25	\$45,000.00	\$12.70	\$50,800.00	\$11.25	\$45,000.00
48	Curb and Gutter, Conc Det E1	100	LF	\$20.00	\$2,000.00	\$19.30	\$1,930.00	\$20.00	\$2,000.00
49	Sidewalk, 4 Inch	4,000	SF	\$2.85	\$11,400.00	\$3.00	\$12,000.00	\$2.85	\$11,400.00
50	Sidewalk, 6 Inch	3,500	SF	\$3.55	\$12,425.00	\$4.00	\$14,000.00	\$3.55	\$12,425.00
51	Detectable Warning Surface	60	LF	\$32.00	\$1,920.00	\$42.70	\$2,562.00	\$32.00	\$1,920.00
52	Concrete Driveways (full cross section)	1,050	SY	\$45.90	\$48,195.00	\$40.00	\$42,000.00	\$56.00	\$58,800.00
53	D&G HMA Driveway (full cross section)	350	SY	\$20.00	\$7,000.00	\$35.00	\$12,250.00	\$35.00	\$12,250.00
54	Guardrail	1	LS	\$4,450.00	\$4,450.00	\$3,950.00	\$3,950.00	\$3,950.00	\$3,950.00
55	Turf Restoration	51.00	STA	\$200.00	\$10,200.00	\$300.00	\$15,300.00	\$500.00	\$25,500.00
56	Pavt Mrkg, Waterborne, 4 inch, White	768	LF	\$0.90	\$691.20 *	\$0.10	\$76.80	\$0.09	\$69.12
57	Pavt Mrkg, Waterborne, 4 inch, Yellow	11,000	LF	\$0.09	\$990.00	\$0.10	\$1,100.00	\$0.09	\$990.00
58	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	115	LF	\$10.00	\$1,150.00	\$7.25	\$833.75	\$10.00	\$1,150.00
59	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	575	LF	\$2.00	\$1,150.00	\$2.25	\$1,293.75	\$2.00	\$1,150.00

Bid Tabulation

Owner: City of Charlotte				4th		5th		6th	
Project Title: State & Lincoln Streets Reconstruction				Mead Bros. Excavating P.O. Box 99 Springport, MI 49284		Kammaing & Roodvoets, Inc. 3435 Broadmoor Ave. Grand Rapids, MI 49512		C & D Hughes, Inc. 3097 Lansing Rd. Charlotte, MI 48813	
Bid Date & Time: April 17, 2018 at 2:30 pm			Project #: 2170659						
Item No.	Description	Quantity	Unit	Unit Price	Total Amount	Unit Price	Total Amount	Unit Price	Total Amount
60	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Crosswalk	120	LF	\$5.00	\$600.00	\$3.75	\$450.00	\$5.00	\$600.00
61	Pavt Mrkg, Ovly Cold Plastic, School	4	EA	\$195.00	\$780.00	\$165.00	\$660.00	\$195.00	\$780.00
62	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	3	EA	\$140.00	\$420.00	\$120.00	\$360.00	\$140.00	\$420.00
63	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	4	EA	\$140.00	\$560.00	\$120.00	\$480.00	\$140.00	\$560.00
64	Pavt Mrkg, Ovly Cold Plastic, Thru and Rt Turn Arrow Sym	1	EA	\$190.00	\$190.00	\$175.00	\$175.00	\$190.00	\$190.00
65	Maintenance of Traffic	1	LS	\$18,500.00	\$18,500.00	\$19,330.00	\$19,330.00	\$30,000.00	\$30,000.00
66	SESC Measures	1	LS	\$10,000.00	\$10,000.00	\$3,500.00	\$3,500.00	\$1,000.00	\$1,000.00
67	Remove Curb If Necessary (STA 0+36 to 31+40)	6,000	LF	\$0.50	\$3,000.00	\$2.00	\$12,000.00	\$6.00	\$36,000.00
68	Concrete Curb and Gutter If Necessary (STA 0+36 to 31+40)	6,000	LF	\$11.25	\$67,500.00	\$11.75	\$70,500.00	\$11.25	\$67,500.00
69	Special Backfill-Pipe, if necessary	600	CY	\$20.00	\$12,000.00	\$14.00	\$8,400.00	\$30.00	\$18,000.00
Total Bid				\$2,089,542.70 *		\$2,136,988.30		\$2,148,944.13	

* Denotes correction made by Engineer

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7123 Stadium Drive Kalamazoo, MI 49007

t. (269) 372-1158 f. (269) 372-3411

Bid Tabulation

Owner:				7th		8th		9th	
City of Charlotte				Joe Raica Excavating, Inc. 3640 Nicholson Rd. Fowlerville, MI 48836		Leavitt & Starck Exc., Inc. 16220 National Pkwy. Lansing, MI 48906		E. T. MacKenzie Company 4248 W. Saginaw Hwy. Grand Ledge, MI 48837	
Project Title:									
State & Lincoln Streets Reconstruction									
Bid Date & Time:			Project #:						
April 17, 2018 at 2:30 pm			2170659						
Item No.	Description	Quantity	Unit	Unit Price	Total Amount	Unit Price	Total Amount	Unit Price	Total Amount
1	Mobilization	1	LS	\$85,000.00	\$85,000.00	\$51,000.00	\$51,000.00	\$240,000.00	\$240,000.00
2	Pavement Remove (HMA&Concrete)	23,500	SY	\$10.00	\$235,000.00	\$4.49	\$105,515.00	\$7.30	\$171,550.00
3	Sidewalk Remove	520	SY	\$4.00	\$2,080.00	\$9.45	\$4,914.00	\$4.50	\$2,340.00
4	Curb and Gutter Remove	4,000	LF	\$4.00	\$16,000.00	\$3.18	\$12,720.00	\$3.50	\$14,000.00
5	Hydrant, Rem	2	EA	\$350.00	\$700.00	\$544.00	\$1,088.00	\$415.00	\$830.00
6	8" Sanitary Sewer	691	LF	\$35.00	\$24,185.00	\$72.70	\$50,235.70	\$54.50	\$37,659.50
7	10" Sanitary Sewer	1,159	LF	\$40.00	\$46,360.00	\$75.90	\$87,968.10	\$64.50	\$74,755.50
8	12" Sanitary Sewer	163	LF	\$48.00	\$7,824.00	\$141.30	\$23,031.90	\$66.90	\$10,904.70
9	Bypass Pump	1	LS	\$6,500.00	\$6,500.00	\$29,200.00	\$29,200.00	\$2,500.00	\$2,500.00
10	Sanitary Sewer, abandon in place	1	LS	\$15,000.00	\$15,000.00	\$16,350.00	\$16,350.00	\$3,500.00	\$3,500.00
11	Sanitary Sewer Laterals	27	EA	\$2,270.00	\$61,290.00	\$2,445.00	\$66,015.00	\$2,000.00	\$54,000.00
12	Sanitary Manholes (4' dia)	10	EA	\$2,500.00	\$25,000.00	\$3,130.00	\$31,300.00	\$3,230.00	\$32,300.00
13	Sanitary Manholes (6' dia)	1	EA	\$4,500.00	\$4,500.00	\$11,270.00	\$11,270.00	\$10,600.00	\$10,600.00
14	Dr Structure, 24 inch dia	2	EA	\$2,000.00	\$4,000.00	\$1,776.00	\$3,552.00	\$2,150.00	\$4,300.00
15	Dr Structure, 48 inch dia	10	EA	\$2,500.00	\$25,000.00	\$2,076.00	\$20,760.00	\$2,570.00	\$25,700.00
16	12" Storm Sewer	1,091	LF	\$40.00	\$43,640.00	\$43.40	\$47,349.40	\$59.00	\$64,369.00
17	Storm Sewer, remove off-site	1	LS	\$6,000.00	\$6,000.00	\$12,520.00	\$12,520.00	\$1,500.00	\$1,500.00
18	6" Underdrain, Subbase (Both Sides)	4,000	LF	\$4.50	\$18,000.00	\$5.56	\$22,240.00	\$5.40	\$21,600.00
19	Water Main, 4"	74	LF	\$55.00	\$4,070.00	\$83.30	\$6,164.20 *	\$126.00	\$9,324.00
20	Water Main, 6"	65	LF	\$60.00	\$3,900.00	\$66.30	\$4,309.50	\$110.00	\$7,150.00
21	Water Main, 8"	1,032	LF	\$62.00	\$63,984.00	\$60.30	\$62,229.60	\$80.00	\$82,560.00
22	Water Main, 12"	43	LF	\$75.00	\$3,225.00	\$106.30	\$4,570.90	\$150.00	\$6,450.00
23	Water Main, 4" Valve & Box	1	EA	\$1,200.00	\$1,200.00	\$1,060.00	\$1,060.00	\$1,093.00	\$1,093.00
24	Water Main, 8" Valve & Box	3	EA	\$1,600.00	\$4,800.00	\$1,520.00	\$4,560.00	\$1,482.00	\$4,446.00
25	Water Main, 4 Inch x 8 Inch Reducer	4	EA	\$450.00	\$1,800.00	\$540.00	\$2,160.00	\$320.00	\$1,280.00
26	Water Main, 4 Inch 45 Degree Bend	3	EA	\$350.00	\$1,050.00	\$460.00	\$1,380.00	\$287.00	\$861.00
27	Water Main, 8 Inch 45 Degree Bend	6	EA	\$500.00	\$3,000.00	\$620.00	\$3,720.00	\$361.00	\$2,166.00
28	Water Main, 4 Inch Pipe Sleeve	2	EA	\$300.00	\$600.00	\$1,552.00	\$3,104.00	\$1,330.00	\$2,660.00
29	Water Main, 12 Inch Pipe Sleeve	1	EA	\$650.00	\$650.00	\$2,904.00	\$2,904.00	\$1,960.00	\$1,960.00
30	Water Main, 8" x 8" x 8" Tee	1	EA	\$650.00	\$650.00	\$720.00	\$720.00	\$521.00	\$521.00

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7123 Stadium Drive Kalamazoo, MI 49007

t. (269) 372-1158 f. (269) 372-3411

Bid Tabulation

Owner:				7th		8th		9th	
City of Charlotte				Joe Raica Excavating, Inc. 3640 Nicholson Rd. Fowlerville, MI 48836		Leavitt & Starck Exc., Inc. 16220 National Pkwy. Lansing, MI 48906		E. T. MacKenzie Company 4248 W. Saginaw Hwy. Grand Ledge, MI 48837	
Project Title:									
State & Lincoln Streets Reconstruction									
Bid Date & Time:			Project #:						
April 17, 2018 at 2:30 pm			2170659						
Item No.	Description	Quantity	Unit	Unit Price	Total Amount	Unit Price	Total Amount	Unit Price	Total Amount
31	Water Main, 12" x 12" x 6" Tee	2	EA	\$800.00	\$1,600.00	\$930.00	\$1,860.00	\$774.00	\$1,548.00
32	Water Main, 12" x 12" x 8" Tee	1	EA	\$825.00	\$825.00	\$955.00	\$955.00	\$809.00	\$809.00
33	Water Main, 12" x 12" x 6" Tapping Sleeve and Valve	2	EA	\$4,500.00	\$9,000.00	\$5,352.00	\$10,704.00	\$3,981.00	\$7,962.00
34	Water Main, 12" x 12" x 12" Tapping Sleeve and Valve	1	EA	\$6,500.00	\$6,500.00	\$8,152.00	\$8,152.00	\$7,340.00	\$7,340.00
35	Water Main, 8" x 8" x 8" Tapping Sleeve and Valve	2	EA	\$5,500.00	\$11,000.00	\$5,442.00	\$10,884.00	\$4,438.00	\$8,876.00
36	Water Main, abandon in place	1	LS	\$4,000.00	\$4,000.00	\$10,050.00	\$10,050.00	\$4,175.00	\$4,175.00
37	Water Main, Service Long	10	EA	\$2,050.00	\$20,500.00	\$2,412.00	\$24,120.00	\$2,949.00	\$29,490.00
38	Water Main, Service Short	10	EA	\$1,950.00	\$19,500.00	\$1,536.00	\$15,360.00	\$1,080.00	\$10,800.00
39	Fire Hydrant complete (connecting pieces, 6" valve, & hydrant)	4	EA	\$5,200.00	\$20,800.00	\$3,780.00	\$15,120.00	\$4,025.00	\$16,100.00
40	School Watermain (including appurtances)	1	LS	\$15,415.00	\$15,415.00	\$37,124.00	\$37,124.00	\$28,800.00	\$28,800.00
41	Machine Grading	51.00	STA	\$2,500.00	\$127,500.00	\$2,850.00	\$145,350.00	\$2,285.00	\$116,535.00
42	Aggregate Base, 8" MDOT 21AA	30,000	SY	\$9.50	\$285,000.00	\$8.54	\$256,200.00	\$8.00	\$240,000.00
43	Subgrade Undercut (MDOT Class II or Greater)	2,000	CY	\$18.00	\$36,000.00	\$30.40	\$60,800.00	\$35.00	\$70,000.00
44	HMA, 5E3	2,800	TON	\$66.50	\$186,200.00	\$75.00	\$210,000.00	\$64.00	\$179,200.00
45	HMA, 4E3	2,800	TON	\$65.20	\$182,560.00	\$68.00	\$190,400.00	\$63.00	\$176,400.00
46	HMA, 3E3	4,200	TON	\$63.65	\$267,330.00	\$62.00	\$260,400.00	\$62.00	\$260,400.00
47	Curb and Gutter, Conc, Det F4	4,000	LF	\$12.25	\$49,000.00	\$14.40	\$57,600.00	\$19.30	\$77,200.00
48	Curb and Gutter, Conc Det E1	100	LF	\$21.00	\$2,100.00	\$23.40	\$2,340.00	\$26.50	\$2,650.00
49	Sidewalk, 4 Inch	4,000	SF	\$3.85	\$15,400.00	\$6.00	\$24,000.00	\$5.00	\$20,000.00
50	Sidewalk, 6 Inch	3,500	SF	\$4.55	\$15,925.00	\$8.50	\$29,750.00	\$7.05	\$24,675.00
51	Detectable Warning Surface	60	LF	\$35.00	\$2,100.00	\$34.00	\$2,040.00	\$50.50	\$3,030.00
52	Concrete Driveways (full cross section)	1,050	SY	\$46.90	\$49,245.00	\$72.80	\$76,440.00	\$63.00	\$66,150.00
53	D&G HMA Driveway (full cross section)	350	SY	\$51.50	\$18,025.00	\$43.10	\$15,085.00	\$37.40	\$13,090.00
54	Guardrail	1	LS	\$1,000.00	\$1,000.00	\$4,672.50	\$4,672.50	\$4,450.00	\$4,450.00
55	Turf Restoration	51.00	STA	\$2,003.00	\$102,153.00	\$1,554.00	\$79,254.00	\$1,070.00	\$54,570.00
56	Pavt Mrkg, Waterborne, 4 inch, White	768	LF	\$0.95	\$729.60	\$0.09	\$69.12 *	\$0.09	\$69.12
57	Pavt Mrkg, Waterborne, 4 inch, Yellow	11,000	LF	\$0.95	\$10,450.00	\$0.09	\$990.00 *	\$0.09	\$990.00
58	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	115	LF	\$10.00	\$1,150.00	\$10.50	\$1,207.50	\$10.00	\$1,150.00
59	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	575	LF	\$2.10	\$1,207.50	\$2.10	\$1,207.50	\$2.00	\$1,150.00

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7123 Stadium Drive Kalamazoo, MI 49007

t. (269) 372-1158 f. (269) 372-3411

Bid Tabulation

Owner: City of Charlotte				7th		8th		9th	
Project Title: State & Lincoln Streets Reconstruction				Joe Raica Excavating, Inc. 3640 Nicholson Rd. Fowlerville, MI 48836		Leavitt & Starck Exc., Inc. 16220 National Pkwy. Lansing, MI 48906		E. T. MacKenzie Company 4248 W. Saginaw Hwy. Grand Ledge, MI 48837	
Bid Date & Time: April 17, 2018 at 2:30 pm			Project #: 2170659						
Item No.	Description	Quantity	Unit	Unit Price	Total Amount	Unit Price	Total Amount	Unit Price	Total Amount
60	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Crosswalk	120	LF	\$5.10	\$612.00	\$5.25	\$630.00	\$5.00	\$600.00
61	Pavt Mrkg, Ovly Cold Plastic, School	4	EA	\$200.00	\$800.00	\$204.75	\$819.00	\$195.00	\$780.00
62	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	3	EA	\$145.00	\$435.00	\$147.00	\$441.00	\$140.00	\$420.00
63	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	4	EA	\$145.00	\$580.00	\$147.00	\$588.00	\$140.00	\$560.00
64	Pavt Mrkg, Ovly Cold Plastic, Thru and Rt Turn Arrow Sym	1	EA	\$195.00	\$195.00	\$199.50	\$199.50	\$190.00	\$190.00
65	Maintenance of Traffic	1	LS	\$3,800.00	\$3,800.00	\$14,100.00	\$14,100.00	\$5,000.00	\$5,000.00
66	SESC Measures	1	LS	\$2,000.00	\$2,000.00	\$9,900.00	\$9,900.00	\$13,000.00	\$13,000.00
67	Remove Curb If Necessary (STA 0+36 to 31+40)	6,000	LF	\$4.00	\$24,000.00	\$2.01	\$12,060.00	\$3.50	\$21,000.00
68	Concrete Curb and Gutter If Necessary (STA 0+36 to 31+40)	6,000	LF	\$12.25	\$73,500.00	\$14.40	\$86,400.00	\$19.30	\$115,800.00
69	Special Backfill-Pipe, if necessary	600	CY	\$20.00	\$12,000.00	\$16.40	\$9,840.00	\$32.00	\$19,200.00
Total Bid				\$2,295,145.10		\$2,381,023.42 *		\$2,497,038.82	

* Denotes correction made by Engineer