



ROWE PROFESSIONAL SERVICES COMPANY

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Memorandum

To: Beaverton City Council
From: David E. Richmond, PE
ROWE Professional Services
Date: December 10, 2020
RE: Industrial Park Improvements – Glidden Road and Terry Diane Street Reconstruction

The Industrial Park Improvements – Glidden Road and Terry Diane Street Reconstruction is for the reconstruction of Glidden Road from M-18 to Terry Diane with concrete curb and gutter and asphalt pavement, the removal and replacement of the sanitary sewer, and the addition of sidewalk on the south side of the street. Also, the reconstruction of Terry Diane from Glidden Road to Blades Road with a portion being relocated to the east of St. Gobain and the extension of Judy Mae to Terry Diane. The work is being funded through a grant from EDA and an MDOT Category A grant. There was a total of 8 bidders for the project all being considered responsive, responsible bidders.

Attached is the recommendation of award letter and bid tab. The recommendation is to award the project to the low bidder McGuirk Sand-Gravel, Inc in the amount of \$1,412,073.50.

Attachments

R:\Projects\18M0119\Docs\Specs or Special Provisions\18M0119A\For Bidding Purposes\Council Agenda Item Memo - Glidden Terry Diane Award.docx

Engineering | Surveying | Aerial Photography/Mapping | Landscape Architecture | Planning

Corporate: The ROWE Building, 540 S. Saginaw Street, Suite 200 • Flint, MI 48502 • O (810) 341-7500 • F (810) 341-7573

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ROWE PROFESSIONAL
SERVICES COMPANY

Large Firm Resources. Personal Attention.™

November 30, 2020

Mr. Heath Kaplan
City Manager
City of Beaverton
124 West Brown Street
Beaverton, MI 48612

RE: Industrial Park Improvements - Glidden Road and Terry Diane Street Reconstruction

Dear Mr. Kaplan:

Enclosed, please find a copy of the bid tabulation for the above referenced project. All bids opened and read at the bid opening on November 12, 2020 have been reviewed and audited. McGuirk Sand-Gravel, Inc. was the low bidder with a bid amount of \$1,412,073.50.

McGuirk Sand-Gravel, Inc has performed similar projects for other communities. We have contacted their reference and found them to be well respected and provide quality work on time. It is my recommendation to the City of Beaverton to award the Industrial Park Improvements - Glidden Road and Terry Diane Street Reconstruction project to McGuirk Sand-Gravel, Inc.

If you have any questions, or need additional information regarding this matter, please feel free to contact me.

Sincerely,
ROWE Professional Services Company

David E. Richmond, PE
Senior Project Manager

Enclosure

R:\Projects\18M0119\Docs\Specs or Special Provisions\18M0119A\For Bidding Purposes\20-11-30 Recommendation ltr.docx

TABULATION OF BIDS



OWNER: CITY OF BEAVERTON

PROJECT: INDUSTRIAL PARK IMPROVEMENTS - GLIDDEN ROAD AND TERRY DIANE STREET RECONSTRUCTION

JOB NO.: 18M0119A

DATE: NOVEMBER 12, 2020

McGuirk Sand-Gravel
3046 Jen's Way
Mt. Pleasant, MI 48858

Malley Construction, Inc.
1565 S. Park Place St
Mt. Pleasant, MI 48858

Crawford Contracting
2502 S. Meridian Road
Mt. Pleasant, MI 48858

American Excavating
3389 Hack Road
Saginaw, MI 48601

WORK DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
Maintaining Traffic	1	LSUM	\$36,315.00	\$36,315.00	\$43,006.46	\$43,006.46	\$80,000.00	\$80,000.00	\$25,700.00	\$25,700.00
Maintenance Gravel	835	Ton	\$16.50	\$13,777.50	\$25.00	\$20,875.00	\$33.00	\$27,555.00	\$5.00	\$4,175.00
Mobilization, Max 5%	1	LSUM	\$42,110.00	\$42,110.00	\$73,000.00	\$73,000.00	\$66,500.00	\$66,500.00	\$78,000.00	\$78,000.00
Audio-Video Construction Area Survey	1	LSUM	\$1,685.00	\$1,685.00	\$1,675.00	\$1,675.00	\$800.00	\$800.00	\$1,750.00	\$1,750.00
Curb and Gutter, Rem	63	Ft	\$9.10	\$573.30	\$7.75	\$488.25	\$10.00	\$630.00	\$10.00	\$630.00
Pavt, Rem	6,550	Syd	\$2.00	\$13,100.00	\$7.75	\$50,762.50	\$2.00	\$13,100.00	\$3.00	\$19,650.00
Sidewalk, Rem	11	Syd	\$17.00	\$187.00	\$28.74	\$316.14	\$10.00	\$110.00	\$7.00	\$77.00
Clearing	1.00	Acre	\$12,580.00	\$12,580.00	\$12,500.00	\$12,500.00	\$12,000.00	\$12,000.00	\$17,000.00	\$17,000.00
Misc Structures, Rem	1	LSUM	\$1,090.00	\$1,090.00	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00	\$8,000.00	\$8,000.00
Subgrade Undercutting, Type II	1,500	Cyd	\$15.00	\$22,500.00	\$15.00	\$22,500.00	\$21.00	\$31,500.00	\$36.00	\$54,000.00
Machine Grading	42	Sta	\$3,895.00	\$162,070.95	\$3,450.00	\$143,554.50	\$4,600.00	\$191,406.00	\$4,100.00	\$170,601.00
Geotextile, Separator	1,500	Syd	\$1.20	\$1,800.00	\$2.00	\$3,000.00	\$3.00	\$4,500.00	\$5.00	\$7,500.00
Erosion Control, Check Dam, Stone	163	Ft	\$40.00	\$6,520.00	\$20.00	\$3,260.00	\$10.00	\$1,630.00	\$10.00	\$1,630.00
Erosion Control, Inlet Protection, Fabric Drop	23	Ea	\$92.00	\$2,116.00	\$100.00	\$2,300.00	\$100.00	\$2,300.00	\$100.00	\$2,300.00
Erosion Control, Sediment Trap	15	Ea	\$196.00	\$2,940.00	\$150.00	\$2,250.00	\$50.00	\$750.00	\$150.00	\$2,250.00
Erosion Control, Silt Fence	376	Ft	\$2.40	\$902.40	\$2.00	\$752.00	\$2.00	\$752.00	\$5.00	\$1,880.00
Rip Rap, Plain	46	Syd	\$76.00	\$3,496.00	\$90.00	\$4,140.00	\$50.00	\$2,300.00	\$60.00	\$2,760.00
Subbase, CIP, 12 inch	14,905	Syd	\$5.10	\$76,015.50	\$6.60	\$98,373.00	\$5.19	\$77,356.95	\$10.00	\$149,050.00
Aggregate Base, 8 inch	13,463	Syd	\$12.50	\$168,287.50	\$12.25	\$164,921.75	\$13.10	\$176,365.30	\$15.00	\$201,945.00
Driveway, HMA	1,277	Syd	\$16.00	\$20,432.00	\$15.83	\$20,214.91	\$15.83	\$20,214.91	\$18.00	\$22,986.00
HMA, LVSP	2,907	Ton	\$66.00	\$191,862.00	\$65.02	\$189,013.14	\$65.02	\$189,013.14	\$69.00	\$200,583.00
Curb and Gutter, Conc, Det F4	1,666	Ft	\$15.00	\$24,990.00	\$15.00	\$24,990.00	\$15.00	\$24,990.00	\$17.00	\$28,322.00
Curb Ramp Opening, Conc	47	Ft	\$18.00	\$846.00	\$16.80	\$789.60	\$19.00	\$893.00	\$18.00	\$846.00
Driveway Opening, Conc, Det M	125	Ft	\$18.00	\$2,250.00	\$16.80	\$2,100.00	\$19.00	\$2,375.00	\$18.00	\$2,250.00
Detectable Warning Surface	54	Ft	\$32.00	\$1,728.00	\$64.00	\$3,456.00	\$33.00	\$1,782.00	\$32.00	\$1,728.00
Sidewalk Ramp, Conc, 6 inch	391	Sft	\$7.40	\$2,893.40	\$7.40	\$2,893.40	\$5.30	\$2,072.30	\$8.00	\$3,128.00
Sidewalk, Conc, 4 inch	1,945	Sft	\$4.60	\$8,947.00	\$4.40	\$8,558.00	\$3.50	\$6,807.50	\$5.00	\$9,725.00
Sidewalk, Conc, 6 inch	1,080	Sft	\$5.30	\$5,724.00	\$5.10	\$5,508.00	\$3.85	\$4,158.00	\$6.00	\$6,480.00
Driveway, Nonreinf Conc, 6 inch	406	Syd	\$47.50	\$19,285.00	\$49.15	\$19,954.90	\$34.00	\$13,804.00	\$40.00	\$16,240.00

TABULATION OF BIDS



McGuirk Sand-Gravel
3046 Jen's Way
Mt. Pleasant, MI 48858

Malley Construction, Inc.
1565 S. Park Place St
Mt. Pleasant, MI 48858

Crawford Contracting
2502 S. Meridian Road
Mt. Pleasant, MI 48858

American Excavating
3389 Hack Road
Saginaw, MI 48601

WORK DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
Aggregate Surface Cse, 4 inch	2,067	Syd	\$14.00	\$28,938.00	\$11.35	\$23,460.45	\$7.50	\$15,502.50	\$7.00	\$14,469.00
Aggregate Surface Cse, 6 inch	459	Syd	\$8.60	\$3,947.40	\$12.60	\$5,783.40	\$10.50	\$4,819.50	\$10.00	\$4,590.00
Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	185	Ft	\$3.00	\$555.00	\$2.95	\$545.75	\$2.95	\$545.75	\$3.00	\$555.00
Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	70	Ft	\$13.00	\$910.00	\$12.95	\$906.50	\$12.95	\$906.50	\$13.00	\$910.00
Pavt Mrkg, Waterborne, 4 inch, Yellow	1,257	Ft	\$0.30	\$377.10	\$0.30	\$377.10	\$0.30	\$377.10	\$0.30	\$377.10
Pavt Mrkg, Waterborne, 6 inch, White	6,468	Ft	\$0.35	\$2,263.80	\$0.35	\$2,263.80	\$0.35	\$2,263.80	\$0.35	\$2,263.80
Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	1,257	Ft	\$0.25	\$314.25	\$0.25	\$314.25	\$0.25	\$314.25	\$0.25	\$314.25
Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	6,468	Ft	\$0.30	\$1,940.40	\$0.30	\$1,940.40	\$0.30	\$1,940.40	\$0.30	\$1,940.40
Turf Establishment	1	LSUM	\$40,720.00	\$40,720.00	\$60,000.00	\$60,000.00	\$44,000.00	\$44,000.00	\$46,986.00	\$46,986.00
Bypass Pumping	1	LSUM	\$20,120.00	\$20,120.00	\$10,000.00	\$10,000.00	\$1,500.00	\$1,500.00	\$5,000.00	\$5,000.00
Gate Box, Adj, Case 1	2	Ea	\$228.00	\$456.00	\$200.00	\$400.00	\$250.00	\$500.00	\$200.00	\$400.00
Dr Structure Cover, Adj, Case 1	2	Ea	\$557.00	\$1,114.00	\$575.00	\$1,150.00	\$450.00	\$900.00	\$350.00	\$700.00
Dr Structure Cover, Adj, Case 2	2	Ea	\$508.00	\$1,016.00	\$300.00	\$600.00	\$400.00	\$800.00	\$350.00	\$700.00
Dr Structure Cover, Type B	3	Ea	\$680.00	\$2,040.00	\$825.00	\$2,475.00	\$825.00	\$2,475.00	\$750.00	\$2,250.00
Dr Structure Cover, Type D	1	Ea	\$829.00	\$829.00	\$1,025.00	\$1,025.00	\$900.00	\$900.00	\$750.00	\$750.00
Dr Structure Cover, Type G	2	Ea	\$551.00	\$1,102.00	\$750.00	\$1,500.00	\$625.00	\$1,250.00	\$1,000.00	\$2,000.00
Dr Structure Cover, Type K	3	Ea	\$823.00	\$2,469.00	\$765.00	\$2,295.00	\$975.00	\$2,925.00	\$1,200.00	\$3,600.00
Hydrant, Rem	1	Ea	\$603.00	\$603.00	\$700.00	\$700.00	\$500.00	\$500.00	\$1,000.00	\$1,000.00
Fire Hydrant	2	Ea	\$4,560.00	\$9,120.00	\$6,200.00	\$12,400.00	\$4,700.00	\$9,400.00	\$5,500.00	\$11,000.00
Gate Valve and Box, 8 inch	2	Ea	\$1,395.00	\$2,790.00	\$2,100.00	\$4,200.00	\$1,700.00	\$3,400.00	\$2,750.00	\$5,500.00
Water Main, DI, 8 inch, Tr Det G	585	Ft	\$62.50	\$36,562.50	\$79.00	\$46,215.00	\$66.00	\$38,610.00	\$77.00	\$45,045.00
Connect to Existing Water Main	1	Ea	\$3,260.00	\$3,260.00	\$3,550.00	\$3,550.00	\$1,500.00	\$1,500.00	\$1,000.00	\$1,000.00
Water Main, Conflict	2	Ea	\$3,140.00	\$6,280.00	\$2,000.00	\$4,000.00	\$7,500.00	\$15,000.00	\$4,500.00	\$9,000.00
Water Serv, Conflict	4	Ea	\$725.00	\$2,900.00	\$500.00	\$2,000.00	\$1,200.00	\$4,800.00	\$600.00	\$2,400.00
Sanitary Sewer, Rem	942	Ft	\$10.50	\$9,891.00	\$6.00	\$5,652.00	\$5.00	\$4,710.00	\$5.00	\$4,710.00
Sanitary Sewer Manhole, Rem	3	Ea	\$526.00	\$1,578.00	\$600.00	\$1,800.00	\$600.00	\$1,800.00	\$600.00	\$1,800.00
Sanitary Sewer Manhole, 48 inch dia	3	Ea	\$4,010.00	\$12,030.00	\$6,300.00	\$18,900.00	\$5,000.00	\$15,000.00	\$4,900.00	\$14,700.00
Sanitary Sewer Tap, 8 inch	2	Ea	\$1,845.00	\$3,690.00	\$865.00	\$1,730.00	\$1,000.00	\$2,000.00	\$600.00	\$1,200.00
Sanitary Sewer Tap, 12 inch	2	Ea	\$1,845.00	\$3,690.00	\$900.00	\$1,800.00	\$1,100.00	\$2,200.00	\$800.00	\$1,600.00
Sanitary Sewer, 8 inch, Tr Det B	803	Ft	\$118.00	\$94,754.00	\$107.00	\$85,921.00	\$155.00	\$124,465.00	\$118.00	\$94,754.00
Sanitary Sewer, 12 inch, Tr Det B	100	Ft	\$298.00	\$29,800.00	\$171.00	\$17,100.00	\$265.00	\$26,500.00	\$200.00	\$20,000.00
Sanitary Sewer Lead, 6 inch	459	Ft	\$77.50	\$35,572.50	\$99.00	\$45,441.00	\$65.00	\$29,835.00	\$75.00	\$34,425.00
Sanitary Sewer, External Drop Connection	1	Ea	\$34,200.00	\$34,200.00	\$1,500.00	\$1,500.00	\$500.00	\$500.00	\$5,400.00	\$5,400.00
Culv, Rem, Less than 24 inch	9	Ea	\$333.00	\$2,997.00	\$400.00	\$3,600.00	\$300.00	\$2,700.00	\$1,000.00	\$9,000.00

TABULATION OF BIDS



McGuirk Sand-Gravel
3046 Jen's Way
Mt. Pleasant, MI 48858

Malley Construction, Inc.
1565 S. Park Place St
Mt. Pleasant, MI 48858

Crawford Contracting
2502 S. Meridian Road
Mt. Pleasant, MI 48858

American Excavating
3389 Hack Road
Saginaw, MI 48601

WORK DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
Culv, RCP CI IV, 12 inch	32	Ft	\$54.50	\$1,744.00	\$60.00	\$1,920.00	\$52.00	\$1,664.00	\$50.00	\$1,600.00
Culv, RCP CI IV, 24 inch	33	Ft	\$91.00	\$3,003.00	\$85.00	\$2,805.00	\$76.00	\$2,508.00	\$85.00	\$2,805.00
Culv, RCP CI IV, 30 inch	60	Ft	\$106.00	\$6,360.00	\$95.00	\$5,700.00	\$115.00	\$6,900.00	\$100.00	\$6,000.00
Culv, CI F, 12 inch	264	Ft	\$22.50	\$5,940.00	\$42.00	\$11,088.00	\$50.00	\$13,200.00	\$50.00	\$13,200.00
Culv, CI F, 15 inch	48	Ft	\$38.00	\$1,824.00	\$47.00	\$2,256.00	\$51.00	\$2,448.00	\$57.00	\$2,736.00
Culv End Sect, Conc, 12 inch	3	Ea	\$664.00	\$1,992.00	\$725.00	\$2,175.00	\$600.00	\$1,800.00	\$700.00	\$2,100.00
Culv End Sect, Conc, 15 inch	1	Ea	\$728.00	\$728.00	\$750.00	\$750.00	\$750.00	\$750.00	\$800.00	\$800.00
Culv End Sect, Conc, 24 inch	2	Ea	\$819.00	\$1,638.00	\$875.00	\$1,750.00	\$800.00	\$1,600.00	\$950.00	\$1,900.00
Culv End Sect, Conc, 30 inch	4	Ea	\$920.00	\$3,680.00	\$1,000.00	\$4,000.00	\$900.00	\$3,600.00	\$1,100.00	\$4,400.00
Culv End Sect, Metal, 12 inch	12	Ea	\$220.00	\$2,640.00	\$400.00	\$4,800.00	\$155.00	\$1,860.00	\$250.00	\$3,000.00
Culv End Sect, Metal, 15 inch	2	Ea	\$233.00	\$466.00	\$425.00	\$850.00	\$175.00	\$350.00	\$300.00	\$600.00
Dr Structure, Rem	12	Ea	\$457.00	\$5,484.00	\$400.00	\$4,800.00	\$400.00	\$4,800.00	\$300.00	\$3,600.00
Storm Sewer, Rem, Less than 24 inch	824	Ft	\$13.00	\$10,712.00	\$6.00	\$4,944.00	\$5.00	\$4,120.00	\$10.00	\$8,240.00
Storm Sewer, Rem, 24 inch to 48 inch	163	Ft	\$10.50	\$1,711.50	\$9.00	\$1,467.00	\$10.00	\$1,630.00	\$21.00	\$3,423.00
Sewer, RCP CI IV, 12 inch, Tr Det B	227	Ft	\$59.50	\$13,506.50	\$39.00	\$8,853.00	\$52.00	\$11,804.00	\$50.00	\$11,350.00
Sewer, RCP CI IV, 15 inch, Tr Det B	590	Ft	\$50.50	\$29,795.00	\$41.00	\$24,190.00	\$55.00	\$32,450.00	\$57.00	\$33,630.00
Sewer, RCP CI IV, 18 inch, Tr Det B	60	Ft	\$50.00	\$3,000.00	\$42.00	\$2,520.00	\$77.00	\$4,620.00	\$65.00	\$3,900.00
Sewer, RCP CI IV, 24 inch, Tr Det B	114	Ft	\$70.50	\$8,037.00	\$66.00	\$7,524.00	\$87.00	\$9,918.00	\$85.00	\$9,690.00
Sewer, RCP CI IV, 30 inch, Tr Det B	88	Ft	\$92.50	\$8,140.00	\$76.00	\$6,688.00	\$115.00	\$10,120.00	\$100.00	\$8,800.00
Storm Sewer Tap, 15 inch	2	Ea	\$603.00	\$1,206.00	\$500.00	\$1,000.00	\$300.00	\$600.00	\$300.00	\$600.00
Dr Structure, 24 inch dia	2	Ea	\$1,205.00	\$2,410.00	\$1,800.00	\$3,600.00	\$1,235.00	\$2,470.00	\$2,125.00	\$4,250.00
Dr Structure, 48 inch dia	4	Ea	\$1,740.00	\$6,960.00	\$2,400.00	\$9,600.00	\$1,625.00	\$6,500.00	\$2,600.00	\$10,400.00
Dr Structure, 60 inch dia	1	Ea	\$2,695.00	\$2,695.00	\$3,900.00	\$3,900.00	\$3,000.00	\$3,000.00	\$3,900.00	\$3,900.00
Dr Structure, 72 inch dia	2	Ea	\$4,735.00	\$9,470.00	\$5,000.00	\$10,000.00	\$4,400.00	\$8,800.00	\$5,600.00	\$11,200.00
Underdrain, Subbase, 6 inch	1,680	Ft	\$17.50	\$29,400.00	\$18.00	\$30,240.00	\$25.00	\$42,000.00	\$14.00	\$23,520.00
Post, Steel, 3 lb	266	Ft	\$6.50	\$1,729.00	\$8.10	\$2,154.60	\$8.10	\$2,154.60	\$7.00	\$1,862.00
Sign, Type III, Erect, Salv	24	Ea	\$50.50	\$1,212.00	\$50.00	\$1,200.00	\$50.00	\$1,200.00	\$53.00	\$1,272.00
Sign, Type III, Rem	1	Ea	\$35.00	\$35.00	\$35.00	\$35.00	\$35.00	\$35.00	\$37.00	\$37.00
Sign, Type IIIA	39	Sft	\$18.00	\$702.00	\$17.75	\$692.25	\$17.75	\$692.25	\$19.00	\$741.00
TOTAL OF ALL UNIT PRICE BID ITEMS				\$1,412,073.50		\$1,459,200.05		\$1,505,098.75		\$1,571,081.55

As-Read \$1,598,816.55

TABULATION OF BIDS



OWNER: CITY OF BEAVERTON
PROJECT: INDUSTRIAL PARK IMPROVEMENTS - GLI
JOB NO.: 18M0119A
DATE: NOVEMBER 12, 2020

WORK DESCRIPTION	Champagne & Marx Exc 1445 Liberty Road Saginaw, MI 48604		Sova Excating & Trucking, Inc. 1923 E. LuLu Lane Midland, MI 48642		Tri City Ground Breakers 4440 N. Eastman Road Midland, MI 48642		All Star Power Excavation 833 N. Brys Drive Gross Pointe Woods, MI 48236	
	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
Maintaining Traffic	\$47,499.99	\$47,499.99	\$76,235.00	\$76,235.00	\$67,980.05	\$67,980.05	\$22,200.00	\$22,200.00
Maintenance Gravel	\$46.54	\$38,860.90	\$30.00	\$25,050.00	\$38.00	\$31,730.00	\$19.00	\$15,865.00
Mobilization, Max 5%	\$54,064.27	\$54,064.27	\$76,800.00	\$76,800.00	\$87,500.00	\$87,500.00	\$95,000.00	\$95,000.00
Audio-Video Construction Area Survey	\$1,825.32	\$1,825.32	\$16,750.00	\$16,750.00	\$1,750.00	\$1,750.00	\$1,800.00	\$1,800.00
Curb and Gutter, Rem	\$8.83	\$556.29	\$50.00	\$3,150.00	\$12.00	\$756.00	\$9.00	\$567.00
Pavt, Rem	\$3.20	\$20,960.00	\$6.38	\$41,789.00	\$12.00	\$78,600.00	\$2.60	\$17,030.00
Sidewalk, Rem	\$36.97	\$406.67	\$100.00	\$1,100.00	\$26.00	\$286.00	\$19.00	\$209.00
Clearing	\$14,711.55	\$14,711.55	\$20,000.00	\$20,000.00	\$15,775.00	\$15,775.00	\$5,000.00	\$5,000.00
Misc Structures, Rem	\$7,544.96	\$7,544.96	\$1,500.00	\$1,500.00	\$4,000.00	\$4,000.00	\$2,400.00	\$2,400.00
Subgrade Undercutting, Type II	\$25.96	\$38,940.00	\$30.00	\$45,000.00	\$33.50	\$50,250.00	\$35.00	\$52,500.00
Machine Grading	\$4,136.42	\$172,116.44	\$3,442.50	\$143,242.43	\$2,900.00	\$120,669.00	\$7,000.00	\$291,270.00
Geotextile, Separator	\$1.41	\$2,115.00	\$4.59	\$6,885.00	\$2.00	\$3,000.00	\$3.65	\$5,475.00
Erosion Control, Check Dam, Stone	\$36.49	\$5,947.87	\$100.00	\$16,300.00	\$13.00	\$2,119.00	\$30.00	\$4,890.00
Erosion Control, Inlet Protection, Fabric Drop	\$125.33	\$2,882.59	\$197.70	\$4,547.10	\$115.00	\$2,645.00	\$110.00	\$2,530.00
Erosion Control, Sediment Trap	\$125.33	\$1,879.95	\$147.70	\$2,215.50	\$50.00	\$750.00	\$335.00	\$5,025.00
Erosion Control, Silt Fence	\$2.91	\$1,094.16	\$7.76	\$2,917.76	\$2.25	\$846.00	\$3.00	\$1,128.00
Rip Rap, Plain	\$62.51	\$2,875.46	\$200.00	\$9,200.00	\$46.00	\$2,116.00	\$135.00	\$6,210.00
Subbase, CIP, 12 inch	\$7.28	\$108,508.40	\$8.33	\$124,158.65	\$19.75	\$294,373.75	\$10.00	\$149,050.00
Aggregate Base, 8 inch	\$12.80	\$172,326.40	\$10.03	\$135,033.89	\$13.25	\$178,384.75	\$18.65	\$251,084.95
Driveway, HMA	\$17.49	\$22,334.73	\$16.05	\$20,495.85	\$15.85	\$20,240.45	\$33.80	\$43,162.60
HMA, LVSP	\$67.08	\$195,001.56	\$65.55	\$190,553.85	\$65.05	\$189,100.35	\$81.60	\$237,211.20
Curb and Gutter, Conc, Det F4	\$15.17	\$25,273.22	\$14.00	\$23,324.00	\$14.00	\$23,324.00	\$24.00	\$39,984.00
Curb Ramp Opening, Conc	\$51.22	\$2,407.34	\$20.00	\$940.00	\$18.00	\$846.00	\$24.00	\$1,128.00
Driveway Opening, Conc, Det M	\$18.31	\$2,288.75	\$20.00	\$2,500.00	\$18.00	\$2,250.00	\$33.60	\$4,200.00
Detectable Warning Surface	\$34.87	\$1,882.98	\$50.00	\$2,700.00	\$33.00	\$1,782.00	\$40.00	\$2,160.00
Sidewalk Ramp, Conc, 6 inch	\$7.65	\$2,991.15	\$7.00	\$2,737.00	\$5.00	\$1,955.00	\$8.60	\$3,362.60
Sidewalk, Conc, 4 inch	\$4.54	\$8,830.30	\$4.00	\$7,780.00	\$3.20	\$6,224.00	\$5.00	\$9,725.00
Sidewalk, Conc, 6 inch	\$5.35	\$5,778.00	\$5.00	\$5,400.00	\$3.55	\$3,834.00	\$6.00	\$6,480.00
Driveway, Nonreinf Conc, 6 inch	\$50.79	\$20,620.74	\$40.00	\$16,240.00	\$30.00	\$12,180.00	\$54.80	\$22,248.80

TABULATION OF BIDS



Champagne & Marx Exc 1445 Liberty Road Saginaw, MI 48604	Sova Excating & Trucking, Inc. 1923 E. LuLu Lane Midland, MI 48642	Tri City Ground Breakers 4440 N. Eastman Road Midland, MI 48642	All Star Power Excavation 833 N. Brys Drive Gross Pointe Woods, MI 48236
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WORK DESCRIPTION	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
Aggregate Surface Cse, 4 inch	\$6.39	\$13,208.13	\$6.45	\$13,332.15	\$7.50	\$15,502.50	\$28.00	\$57,876.00
Aggregate Surface Cse, 6 inch	\$9.60	\$4,406.40	\$8.27	\$3,795.93	\$11.50	\$5,278.50	\$29.00	\$13,311.00
Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	\$6.54	\$1,209.90	\$2.95	\$545.75	\$3.00	\$555.00	\$3.30	\$610.50
Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	\$16.35	\$1,144.50	\$12.95	\$906.50	\$13.00	\$910.00	\$14.60	\$1,022.00
Pavt Mrkg, Waterborne, 4 inch, Yellow	\$1.63	\$2,048.91	\$0.30	\$377.10	\$0.30	\$377.10	\$0.35	\$439.95
Pavt Mrkg, Waterborne, 6 inch, White	\$0.07	\$452.76	\$0.35	\$2,263.80	\$0.35	\$2,263.80	\$0.40	\$2,587.20
Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	\$1.36	\$1,709.52	\$0.25	\$314.25	\$0.25	\$314.25	\$0.30	\$377.10
Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	\$0.33	\$2,134.44	\$0.30	\$1,940.40	\$0.30	\$1,940.40	\$0.35	\$2,263.80
Turf Establishment	\$37,668.26	\$37,668.26	\$20,000.00	\$20,000.00	\$47,000.00	\$47,000.00	\$67,050.00	\$67,050.00
Bypass Pumping	\$7,900.65	\$7,900.65	\$32,079.76	\$32,079.76	\$28,500.00	\$28,500.00	\$5,640.00	\$5,640.00
Gate Box, Adj, Case 1	\$773.95	\$1,547.90	\$1,000.00	\$2,000.00	\$295.00	\$590.00	\$480.00	\$960.00
Dr Structure Cover, Adj, Case 1	\$2,373.90	\$4,747.80	\$1,000.00	\$2,000.00	\$455.00	\$910.00	\$575.00	\$1,150.00
Dr Structure Cover, Adj, Case 2	\$1,968.19	\$3,936.38	\$1,000.00	\$2,000.00	\$150.00	\$300.00	\$260.00	\$520.00
Dr Structure Cover, Type B	\$463.39	\$1,390.17	\$574.36	\$1,723.08	\$530.00	\$1,590.00	\$640.00	\$1,920.00
Dr Structure Cover, Type D	\$617.99	\$617.99	\$721.70	\$721.70	\$705.00	\$705.00	\$725.00	\$725.00
Dr Structure Cover, Type G	\$325.92	\$651.84	\$446.10	\$892.20	\$380.00	\$760.00	\$775.00	\$1,550.00
Dr Structure Cover, Type K	\$613.92	\$1,841.76	\$966.40	\$2,899.20	\$700.00	\$2,100.00	\$930.00	\$2,790.00
Hydrant, Rem	\$913.75	\$913.75	\$1,500.00	\$1,500.00	\$250.00	\$250.00	\$3,200.00	\$3,200.00
Fire Hydrant	\$6,460.10	\$12,920.20	\$6,290.30	\$12,580.60	\$4,700.00	\$9,400.00	\$6,440.00	\$12,880.00
Gate Valve and Box, 8 inch	\$1,901.88	\$3,803.76	\$2,712.64	\$5,425.28	\$1,715.00	\$3,430.00	\$1,890.00	\$3,780.00
Water Main, DI, 8 inch, Tr Det G	\$94.41	\$55,229.85	\$88.00	\$51,480.00	\$92.00	\$53,820.00	\$96.00	\$56,160.00
Connect to Existing Water Main	\$4,666.09	\$4,666.09	\$5,000.00	\$5,000.00	\$1,450.00	\$1,450.00	\$4,250.00	\$4,250.00
Water Main, Conflict	\$4,026.30	\$8,052.60	\$5,000.00	\$10,000.00	\$2,900.00	\$5,800.00	\$2,430.00	\$4,860.00
Water Serv, Conflict	\$1,739.83	\$6,959.32	\$1,072.24	\$4,288.96	\$1,600.00	\$6,400.00	\$550.00	\$2,200.00
Sanitary Sewer, Rem	\$15.23	\$14,346.66	\$15.00	\$14,130.00	\$18.00	\$16,956.00	\$30.00	\$28,260.00
Sanitary Sewer Manhole, Rem	\$1,087.51	\$3,262.53	\$2,000.00	\$6,000.00	\$450.00	\$1,350.00	\$500.00	\$1,500.00
Sanitary Sewer Manhole, 48 inch dia	\$4,624.52	\$13,873.56	\$4,962.42	\$14,887.26	\$4,200.00	\$12,600.00	\$4,500.00	\$13,500.00
Sanitary Sewer Tap, 8 inch	\$2,551.11	\$5,102.22	\$3,278.62	\$6,557.24	\$505.00	\$1,010.00	\$1,750.00	\$3,500.00
Sanitary Sewer Tap, 12 inch	\$283.46	\$566.92	\$5,028.62	\$10,057.24	\$1,045.00	\$2,090.00	\$2,350.00	\$4,700.00
Sanitary Sewer, 8 inch, Tr Det B	\$176.72	\$141,906.16	\$115.51	\$92,754.53	\$115.00	\$92,345.00	\$102.00	\$81,906.00
Sanitary Sewer, 12 inch, Tr Det B	\$391.78	\$39,178.00	\$613.63	\$61,363.00	\$260.00	\$26,000.00	\$190.00	\$19,000.00
Sanitary Sewer Lead, 6 inch	\$123.63	\$56,746.17	\$68.87	\$31,611.33	\$82.00	\$37,638.00	\$60.00	\$27,540.00
Sanitary Sewer, External Drop Connection	\$2,366.44	\$2,366.44	\$1,252.28	\$1,252.28	\$2,600.00	\$2,600.00	\$5,300.00	\$5,300.00
Culv, Rem, Less than 24 inch	\$933.80	\$8,404.20	\$1,500.00	\$13,500.00	\$430.00	\$3,870.00	\$550.00	\$4,950.00

TABULATION OF BIDS



Champagne & Marx Exc 1445 Liberty Road Saginaw, MI 48604	Sova Excating & Trucking, Inc. 1923 E. LuLu Lane Midland, MI 48642	Tri City Ground Breakers 4440 N. Eastman Road Midland, MI 48642	All Star Power Excavation 833 N. Brys Drive Gross Pointe Woods, MI 48236
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WORK DESCRIPTION	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
Culv, RCP CI IV, 12 inch	\$49.90	\$1,596.80	\$61.64	\$1,972.48	\$75.00	\$2,400.00	\$60.00	\$1,920.00
Culv, RCP CI IV, 24 inch	\$103.80	\$3,425.40	\$96.16	\$3,173.28	\$106.00	\$3,498.00	\$70.00	\$2,310.00
Culv, RCP CI IV, 30 inch	\$106.38	\$6,382.80	\$116.22	\$6,973.20	\$132.00	\$7,920.00	\$90.00	\$5,400.00
Culv, CI F, 12 inch	\$57.00	\$15,048.00	\$57.66	\$15,222.24	\$55.00	\$14,520.00	\$50.00	\$13,200.00
Culv, CI F, 15 inch	\$55.76	\$2,676.48	\$59.43	\$2,852.64	\$58.00	\$2,784.00	\$53.00	\$2,544.00
Culv End Sect, Conc, 12 inch	\$716.76	\$2,150.28	\$1,735.40	\$5,206.20	\$390.00	\$1,170.00	\$880.00	\$2,640.00
Culv End Sect, Conc, 15 inch	\$744.85	\$744.85	\$1,761.90	\$1,761.90	\$550.00	\$550.00	\$1,085.00	\$1,085.00
Culv End Sect, Conc, 24 inch	\$879.65	\$1,759.30	\$2,239.10	\$4,478.20	\$700.00	\$1,400.00	\$1,260.00	\$2,520.00
Culv End Sect, Conc, 30 inch	\$1,118.28	\$4,473.12	\$2,339.80	\$9,359.20	\$825.00	\$3,300.00	\$1,430.00	\$5,720.00
Culv End Sect, Metal, 12 inch	\$297.18	\$3,566.16	\$1,418.46	\$17,021.52	\$98.00	\$1,176.00	\$510.00	\$6,120.00
Culv End Sect, Metal, 15 inch	\$394.37	\$788.74	\$1,431.18	\$2,862.36	\$115.00	\$230.00	\$535.00	\$1,070.00
Dr Structure, Rem	\$543.75	\$6,525.00	\$500.00	\$6,000.00	\$450.00	\$5,400.00	\$475.00	\$5,700.00
Storm Sewer, Rem, Less than 24 inch	\$15.23	\$12,549.52	\$20.00	\$16,480.00	\$16.00	\$13,184.00	\$26.00	\$21,424.00
Storm Sewer, Rem, 24 inch to 48 inch	\$12.96	\$2,112.48	\$40.00	\$6,520.00	\$19.00	\$3,097.00	\$31.00	\$5,053.00
Sewer, RCP CI IV, 12 inch, Tr Det B	\$52.84	\$11,994.68	\$61.90	\$14,051.30	\$50.00	\$11,350.00	\$50.00	\$11,350.00
Sewer, RCP CI IV, 15 inch, Tr Det B	\$48.13	\$28,396.70	\$69.94	\$41,264.60	\$60.00	\$35,400.00	\$54.00	\$31,860.00
Sewer, RCP CI IV, 18 inch, Tr Det B	\$98.65	\$5,919.00	\$75.70	\$4,542.00	\$70.00	\$4,200.00	\$63.00	\$3,780.00
Sewer, RCP CI IV, 24 inch, Tr Det B	\$87.06	\$9,924.84	\$91.40	\$10,419.60	\$80.00	\$9,120.00	\$71.00	\$8,094.00
Sewer, RCP CI IV, 30 inch, Tr Det B	\$116.25	\$10,230.00	\$113.02	\$9,945.76	\$105.00	\$9,240.00	\$89.00	\$7,832.00
Storm Sewer Tap, 15 inch	\$334.83	\$669.66	\$2,500.00	\$5,000.00	\$510.00	\$1,020.00	\$1,525.00	\$3,050.00
Dr Structure, 24 inch dia	\$2,146.81	\$4,293.62	\$1,515.16	\$3,030.32	\$1,400.00	\$2,800.00	\$1,720.00	\$3,440.00
Dr Structure, 48 inch dia	\$2,533.23	\$10,132.92	\$2,928.56	\$11,714.24	\$2,200.00	\$8,800.00	\$2,200.00	\$8,800.00
Dr Structure, 60 inch dia	\$3,353.26	\$3,353.26	\$5,864.54	\$5,864.54	\$3,000.00	\$3,000.00	\$3,435.00	\$3,435.00
Dr Structure, 72 inch dia	\$5,081.01	\$10,162.02	\$7,700.88	\$15,401.76	\$5,400.00	\$10,800.00	\$4,715.00	\$9,430.00
Underdrain, Subbase, 6 inch	\$11.83	\$19,874.40	\$25.35	\$42,588.00	\$13.00	\$21,840.00	\$12.60	\$21,168.00
Post, Steel, 3 lb	\$7.08	\$1,883.28	\$6.50	\$1,729.00	\$6.50	\$1,729.00	\$7.50	\$1,995.00
Sign, Type III, Erect, Salv	\$27.24	\$653.76	\$50.00	\$1,200.00	\$50.00	\$1,200.00	\$56.50	\$1,356.00
Sign, Type III, Rem	\$16.35	\$16.35	\$35.00	\$35.00	\$35.00	\$35.00	\$45.30	\$45.30
Sign, Type IIIA	\$19.62	\$765.18	\$18.00	\$702.00	\$18.00	\$702.00	\$20.00	\$780.00
TOTAL OF ALL UNIT PRICE BID ITEMS		\$1,629,509.33		\$1,722,095.91		\$1,773,736.90		\$1,930,296.00

As-Read	\$1,629,522.93							\$1,539,000.00
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