



**CITY OF NOVI CITY COUNCIL
DECEMBER 21, 2020**

SUBJECT: Consideration of approval to award the construction contract to Fonson Company, Inc., the low bidder, for the Lee BeGole Headwall Reconstruction, Bishop Creek Streambank Restoration, and Segment 70 Meadowbrook Road Sidewalk project, in the amount of \$894,884.05.

SUBMITTING DEPARTMENT: Department of Public Works, Engineering Division

EXPENDITURE REQUIRED	\$ 204,842.00	Lee BeGole Headwall Reconstruction
	\$ 552,339.70	Bishop Creek Streambank Stabilization
	\$ 137,702.35	Seg 70 - Meadowbrook Road Sidewalk
	\$ 894,884.05	Total
AMOUNT BUDGETED	\$ 375,524.00	Lee BeGole Headwall Reconstruction
	\$ 784,533.00	Bishop Creek Streambank Stabilization
	\$ 349,636.00	Seg 70 - Meadowbrook Road Sidewalk
	\$ 1,509,693.00	Total
APPROPRIATION REQUIRED	\$ 0	
LINE ITEM NUMBER	210-211.00-865.149	Lee BeGole Headwall Reconstruction
	210-211.00-865.145	Bishop Creek Streambank Stabilization
	400-204.00-974.469	Seg 70 – Meadowbrook Road Sidewalk

BACKGROUND INFORMATION: This two-phased project combines Lee BeGole Drive headwall repair with Bishop Creek streambank stabilization and segment 70 sidewalk construction along the west side of Meadowbrook Road, south of 11 Mile Road. The headwall of the culverts where Bishop Creek flows beneath Lee BeGole Drive is failing and requires replacement. The first phase of the project will extend the existing 48-inch twin culverts east of Lee BeGole Drive and reconstruct the headwall, which is located on City of Novi Department of Public Works property.

The second phase of the project addresses bank erosion and stream widening along Bishop Creek, just south of 11 Mile Road. A failing driveway culvert will be replaced, and an eight-foot wide sidewalk will be constructed along the west side of Meadowbrook Road to fill in the gap between Gateway Village and 11 Mile Road.

OHM assisted the Engineering Division with developing the engineering design plans for this project. The plans were advertised for public bids on November 13, 2020. Nine (9) bids were received and opened on December 4, 2020, following the solicitation period. Fonson Company, Inc.'s bid is recommended in the best interest of the City, as it is responsive and complies with all of the requirements of the bidding instructions. The award recommendation letter including the bid tabulation is attached. A summary of the five lowest bids is as follows:

Contractor	Total Program Bid (includes Crew Days)*
Fonson Company, Inc.	\$ 940,384.05
V.I.L. Construction, Inc.	\$1,101,964.00
Erie Construction, LLC	\$1,146,942.00
Anglin Civil, LLC	\$1,163,978.24
TSP Services, Inc	\$1,191,047.55

***Crew Days are included to compare bids, but not included in the award**

The construction engineering services and geotechnical engineering services related to this project will be awarded to the following pre-qualified firms using the fee percentages in the Agreements for Professional Engineering Services and Geotechnical Engineering Services for Public Projects.

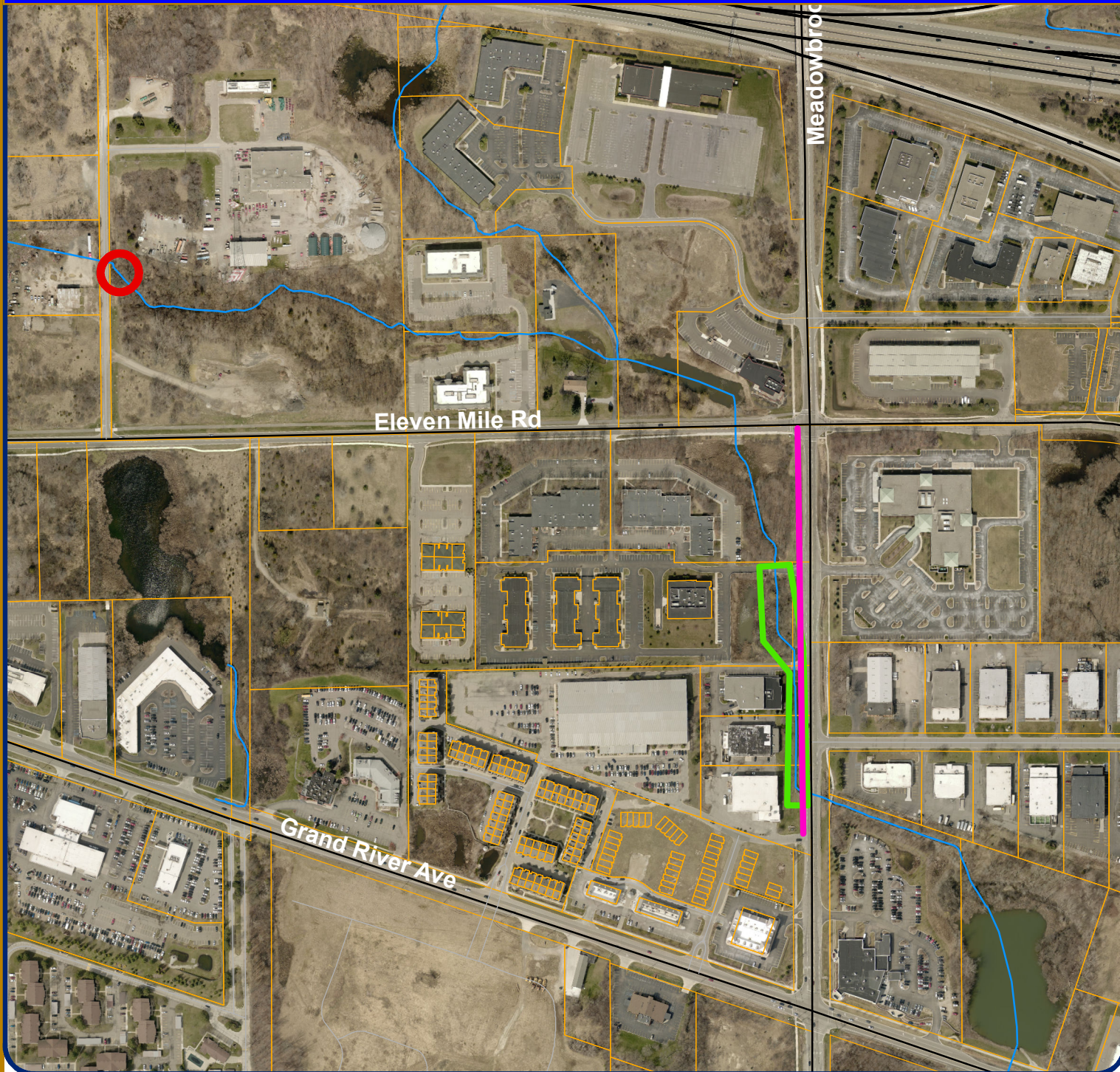
OHM			
Lee BeGole Headwall	Contract Administration	6.75% of the construction award	\$13,826.84
	Crew Days	\$700 daily inspection fee x 25 days	\$17,500.00
Bishop Creek Streambank	Contract Administration	6.0% of the construction award	\$33,140.38
	Crew Days	\$700 daily inspection fee x 25 days	\$17,500.00
Meadowbrook Rd Sidewalk	Contract Administration	6.0% of the construction award	\$8,262.14
	Crew Days	\$700 daily inspection fee x 15 days	\$10,500.00
Testing Engineers and Consultants (TEC)			
Lee BeGole Headwall	Material testing services	2% of the construction award	\$4,096.84
Bishop Creek Streambank	Material testing services	2% of the construction award	\$11,046.79
Meadowbrook Rd Sidewalk	Material testing services	2% of the construction award	\$2,754.05

It is estimated the Lee BeGole Headwall Reconstruction will be substantially complete by July 2021, and the Bishop Creek Streambank Stabilization and Segment 70 Meadowbrook Road sidewalk will be substantially complete by November 2021.

RECOMMENDED ACTION: Approval to award the construction contract to Fonson Company, Inc., the low-bidder, for the Lee BeGole Headwall Reconstruction, Bishop Creek Streambank Restoration, and Segment 70 Meadowbrook Road Sidewalk project, in the amount of \$894,884.05.

Lee BeGole Headwall Reconstruction, Bishop Creek Streambank Stabilization, and Meadowbrook Road Sidewalk

Location Map



Map Author: Rebecca Runkel
 Date: 12/7/2020
 Project: Lee BeGole/Bishop Creek
 Version #: 1.0

MAP INTERPRETATION NOTICE

Map information depicted is not intended to replace or substitute for any official or primary source. This map was intended to meet National Map Accuracy Standards and use the most recent, accurate sources available to the people of the City of Novi. Boundary measurements and area calculations are approximate and should not be construed as survey measurements performed by a licensed Michigan Surveyor as defined in Michigan Public Act 132 of 1970 as amended. Please contact the City GIS Manager to confirm source and accuracy information related to this map.

Legend

- Lee BeGole Headwall Reconstruction
- Bishop Creek Streambank Stabilization
- Sidewalk Construction



City of Novi

Engineering Division
 Department of Public Works
 26300 Lee BeGole Drive
 Novi, MI 48375
cityofnovi.org



1 inch = 470 feet





December 9, 2020

Benjamin Croy, PE, City Engineer
City of Novi
Department of Public Works
26300 Lee Begole Drive
Novi, MI 48375

RE: Lee BeGole Drive Headwall Reconstruction (Project 1) and
Bishop Creek Streambank Restoration (Project 2)
Recommendation of Award

Dear Mr. Croy:

OHM received bids for the Lee BeGole Drive Headwall Reconstruction and Bishop Creek Streambank Restoration project on Friday, December 4, 2020 at 10:00 am. We received proposals from nine (9) bidders. We have reviewed and checked the bids and attached the Bid Tabulation for your information. The three lowest bidders are as follows:

Contractor	PROJECT 1	PROJECT 2	TOTAL BID
Fonson Company, Inc.	\$222,342.00	\$718,042.05	\$940,384.05
V.I.L. Construction, Inc.	\$274,964.00	\$827,000.00	\$1,101,964.00
Erie Construction, LLC	\$246,740.00	\$900,202.00	\$1,146,942.00

The final engineer’s estimate of probable construction costs was \$1,087,569. The overall project scope consists of the construction of approximately 1,000 cubic yards of channel excavation, ½ mile of streambank restoration, existing headwall replacement, 10,000 square feet of concrete sidewalk, 3,750 square feet of block retaining wall and a 82” x 128” reinforced concrete elliptical culvert at two separate project locations within the City.

Fonson Company, Inc. is the apparent lowest responsible bidder for this project. Fonson has satisfactorily completed comparable heavy civil projects in the City of Novi and other southeast Michigan communities. We therefore recommend award of this contract to Fonson Company, Inc. in the amount of **\$894,884.05** per the unit prices bid for the project. Please note that this contract award amount is derived from the total bid amount of \$940,384.05, less the crew day cost of \$45,500.

If you have any questions, please do not hesitate to give me a call at (248) 751-3111.

Sincerely,
OHM Advisors

Steve Siklich, PE
Project Manager

Encl: Bid Tabulation
cc: Tim Juidici, PE, OHM
Alex Parent, PE, OHM
Barry Gates, OHM
Jeff Herczeg, Director of Public Works
Rebecca Runkel, Project Engineer
Aaron Staup, Construction Engineer

Tabulation of Bids Received on 12/4/2020
Bishop Creek Streambank Stabilization
 City of Novi, Oakland County, MI
 OHM Job No.: 0163-18-0151

Fonson Company, Inc.
 7644 Whitmore Lake Rd.
 Brighton, MI 48116

V.I.L. Construction, Inc.
 6670 Sims Drive
 Sterling Heights, MI 48313

Erie Construction, LLC
 22051 Commerce Drive
 Woodhaven, MI 48183

Anglin Civil, LLC
 13000 Newburgh Road
 Livonia, MI 48150

TSP Services, Inc.
 25000 Capitol
 Redford, MI 48239

L.J. Construction, Inc.
 5863 S. Kingston Rd.
 Clifford, MI 48727

Z Contractors, Inc.
 50500 Design Lane
 Shelby Township, MI 48315

Verdeterre Contracting, Inc.
 7994 Belleville Road
 Belleville, MI 48111

Zito Construction Co.
 8033 Fenton Rd.
 Grand Blanc, MI 48439

Item No.	Description	Estimated Quantity	Phone: (810) 231-5188		Phone: (586) 979-6020		Phone: (734) 676-8689		Phone: (734) 464-2600		Phone: (734) 838-0426		Phone: (989) 761-0131		Phone: (586) 625-8899		Phone: (734) 697-4166		Phone: (810) 695-9025		
			Unit	Price	Amount	Unit	Price	Amount	Unit	Price	Amount	Unit	Price	Amount	Unit	Price	Amount	Unit	Price	Amount	Unit
Project 1 - Lee BeGole Drive Headwall Reconstruction																					
Category 1 - Headwall																					
1)	Mobilization, Max. 10%	1.00	LSUM	\$20,000.00	\$20,000.00	\$25,000.00	\$25,000.00	\$23,000.00	\$23,000.00	\$20,934.21	\$20,934.21	\$25,000.00	\$25,000.00	\$25,000.00	\$25,000.00	\$30,000.00	\$30,000.00	\$30,000.00	\$30,000.00	\$25,000.00	\$25,000.00
2)	Clearing	0.10	Acre	\$45,000.00	\$4,500.00	\$25,000.00	\$2,500.00	\$64,000.00	\$6,400.00	\$28,750.00	\$2,875.00	\$52,500.00	\$5,250.00	\$50,000.00	\$5,000.00	\$45,000.00	\$4,500.00	\$62,235.00	\$6,223.50	\$30,000.00	\$3,000.00
3)	Dr Structure, Rem	1.00	Ea	\$800.00	\$800.00	\$800.00	\$800.00	\$300.00	\$300.00	\$1,725.00	\$1,725.00	\$200.00	\$200.00	\$500.00	\$500.00	\$1,250.00	\$1,250.00	\$1,220.00	\$1,220.00	\$500.00	\$500.00
4)	Sewer, Rem, Less than 24 inch	10.00	Ft	\$40.00	\$400.00	\$25.00	\$250.00	\$15.00	\$150.00	\$115.00	\$1,150.00	\$15.00	\$150.00	\$50.00	\$500.00	\$40.00	\$400.00	\$89.50	\$895.00	\$20.00	\$200.00
5)	Fence, Rem	200.00	Ft	\$8.00	\$1,600.00	\$5.00	\$1,000.00	\$5.00	\$1,000.00	\$5.75	\$1,150.00	\$10.50	\$2,100.00	\$2.50	\$500.00	\$9.00	\$1,800.00	\$14.75	\$2,950.00	\$7.00	\$1,400.00
6)	Steel Sheet Piling, Rem	50.00	Sft	\$57.00	\$2,850.00	\$20.00	\$1,000.00	\$25.00	\$1,250.00	\$57.50	\$2,875.00	\$60.00	\$3,000.00	\$40.00	\$2,000.00	\$75.00	\$3,750.00	\$46.00	\$2,300.00	\$40.00	\$2,000.00
7)	Pavt, Rem, Modified	11.00	Syd	\$50.00	\$550.00	\$25.00	\$275.00	\$28.00	\$308.00	\$57.50	\$632.50	\$18.00	\$198.00	\$25.00	\$275.00	\$125.00	\$1,375.00	\$30.00	\$330.00	\$100.00	\$1,100.00
8)	Embankment, CIP	44.00	Cyd	\$32.00	\$1,408.00	\$40.00	\$1,760.00	\$12.00	\$528.00	\$23.00	\$1,012.00	\$21.00	\$924.00	\$30.00	\$1,320.00	\$70.00	\$3,080.00	\$140.00	\$6,160.00	\$75.00	\$3,300.00
9)	Excavation, Channel	33.00	Cyd	\$40.00	\$1,320.00	\$50.00	\$1,650.00	\$15.00	\$495.00	\$23.00	\$759.00	\$55.00	\$1,815.00	\$40.00	\$1,320.00	\$100.00	\$3,300.00	\$175.00	\$5,775.00	\$100.00	\$3,300.00
10)	Subgrade Undercutting, Type II, Modified	22.00	Cyd	\$68.00	\$1,496.00	\$60.00	\$1,320.00	\$50.00	\$1,100.00	\$57.50	\$1,265.00	\$65.00	\$1,430.00	\$60.00	\$1,320.00	\$130.00	\$2,860.00	\$140.00	\$3,080.00	\$75.00	\$1,650.00
11)	Erosion Control, Check Dam, Stone	30.00	Ft	\$40.00	\$1,200.00	\$50.00	\$1,500.00	\$59.00	\$1,770.00	\$40.25	\$1,207.50	\$15.00	\$450.00	\$30.00	\$900.00	\$50.00	\$1,500.00	\$105.00	\$3,150.00	\$100.00	\$3,000.00
12)	Erosion Control, Silt Fence	160.00	Ft	\$3.00	\$480.00	\$3.00	\$480.00	\$3.00	\$480.00	\$3.45	\$552.00	\$3.00	\$480.00	\$3.00	\$480.00	\$5.00	\$800.00	\$5.50	\$880.00	\$5.00	\$800.00
13)	Project Cleanup	1.00	LSUM	\$3,000.00	\$3,000.00	\$5,000.00	\$5,000.00	\$2,850.00	\$2,850.00	\$5,750.00	\$5,750.00	\$1,000.00	\$1,000.00	\$1,500.00	\$1,500.00	\$5,000.00	\$5,000.00	\$4,775.00	\$4,775.00	\$2,500.00	\$2,500.00
14)	Audio Video Route Survey	1.00	LSUM	\$875.00	\$875.00	\$1,000.00	\$1,000.00	\$5,000.00	\$5,000.00	\$1,006.25	\$1,006.25	\$900.00	\$900.00	\$1,500.00	\$1,500.00	\$875.00	\$875.00	\$2,000.00	\$2,000.00	\$1,500.00	\$1,500.00
15)	Maintenance Gravel	25.00	Ton	\$38.00	\$950.00	\$30.00	\$750.00	\$38.00	\$950.00	\$57.50	\$1,437.50	\$26.00	\$650.00	\$35.00	\$875.00	\$65.00	\$1,625.00	\$125.00	\$3,125.00	\$50.00	\$1,500.00
16)	Culv, CI B, Conc, 48 inch	32.00	Ft	\$420.00	\$13,440.00	\$1,400.00	\$44,800.00	\$654.00	\$20,928.00	\$365.27	\$11,688.64	\$665.00	\$21,280.00	\$600.00	\$19,200.00	\$750.00	\$24,000.00	\$705.00	\$22,560.00	\$675.00	\$21,600.00
17)	Sewer, CI IV, 18 inch, Tr Det B	88.00	Ft	\$75.00	\$6,600.00	\$110.00	\$9,680.00	\$94.00	\$8,272.00	\$72.66	\$6,394.08	\$78.00	\$6,864.00	\$100.00	\$8,800.00	\$200.00	\$17,600.00	\$133.00	\$11,704.00	\$96.00	\$8,448.00
18)	Sewer Bulkhead, 18 inch	1.00	Ea	\$500.00	\$500.00	\$500.00	\$500.00	\$374.00	\$374.00	\$1,437.50	\$1,437.50	\$565.00	\$565.00	\$350.00	\$350.00	\$350.00	\$350.00	\$1,060.00	\$1,060.00	\$500.00	\$500.00
19)	Dr Structure Cover, Type B	1.00	Ea	\$600.00	\$600.00	\$500.00	\$500.00	\$687.00	\$687.00	\$862.50	\$862.50	\$555.00	\$555.00	\$500.00	\$500.00	\$725.00	\$725.00	\$1,130.00	\$1,130.00	\$600.00	\$600.00
20)	Dr Structure Cover, Type G	1.00	Ea	\$550.00	\$550.00	\$400.00	\$400.00	\$579.00	\$579.00	\$862.50	\$862.50	\$475.00	\$475.00	\$400.00	\$400.00	\$725.00	\$725.00	\$1,065.00	\$1,065.00	\$500.00	\$500.00
21)	Dr Structure, 24 inch dia	1.00	Ea	\$1,250.00	\$1,250.00	\$2,500.00	\$2,500.00	\$2,170.00	\$2,170.00	\$2,875.00	\$2,875.00	\$1,275.00	\$1,275.00	\$1,200.00	\$1,200.00	\$4,500.00	\$4,500.00	\$1,850.00	\$1,850.00	\$1,500.00	\$1,500.00
22)	Dr Structure, 48 inch dia	1.00	Ea	\$1,550.00	\$1,550.00	\$4,500.00	\$4,500.00	\$2,500.00	\$2,500.00	\$5,175.00	\$5,175.00	\$1,775.00	\$1,775.00	\$2,500.00	\$2,500.00	\$5,000.00	\$5,000.00	\$3,715.00	\$3,715.00	\$3,000.00	\$3,000.00
23)	Dr Structure, Tap, 18 inch	1.00	Ea	\$400.00	\$400.00	\$500.00	\$500.00	\$730.00	\$730.00	\$1,725.00	\$1,725.00	\$400.00	\$400.00	\$400.00	\$400.00	\$400.00	\$400.00	\$2,270.00	\$2,270.00	\$350.00	\$350.00
24)	Wtr Structure Cover, Adj, Case 2	1.00	Ea	\$550.00	\$550.00	\$700.00	\$700.00	\$590.00	\$590.00	\$1,150.00	\$1,150.00	\$540.00	\$540.00	\$600.00	\$600.00	\$600.00	\$600.00	\$1,265.00	\$1,265.00	\$500.00	\$500.00
25)	Underdrain, Subgrade, Open-Graded, 6 inch	60.00	Ft	\$30.00	\$1,800.00	\$25.00	\$1,500.00	\$6.50	\$390.00	\$17.25	\$1,035.00	\$28.00	\$1,680.00	\$10.00	\$600.00	\$40.00	\$2,400.00	\$35.00	\$2,100.00	\$25.00	\$1,500.00
26)	Hand Patching	5.00	Ton	\$530.00	\$2,650.00	\$150.00	\$750.00	\$390.00	\$1,950.00	\$690.00	\$3,450.00	\$210.00	\$1,050.00	\$200.00	\$1,000.00	\$500.00	\$2,500.00	\$495.00	\$2,475.00	\$350.00	\$1,750.00
27)	Conc, Grade S2	30.00	Cyd	\$880.00	\$26,400.00	\$1,000.00	\$30,000.00	\$990.00	\$29,700.00	\$1,012.00	\$30,360.00	\$1,027.00	\$30,810.00	\$1,500.00	\$45,000.00	\$1,775.00	\$53,250.00	\$1,215.00	\$36,450.00	\$1,000.00	\$30,000.00
28)	Reinforcement, Steel, Epoxy Coated	2496.00	Lb	\$2.00	\$4,992.00	\$2.50	\$6,240.00	\$2.50	\$6,240.00	\$2.30	\$5,740.80	\$2.30	\$5,740.80	\$1.00	\$2,496.00	\$2.00	\$4,992.00	\$2.50	\$6,240.00	\$2.00	\$4,992.00
29)	Block Retaining Wall	1058.00	Sft	\$52.00	\$55,016.00	\$45.00	\$47,610.00	\$52.00	\$55,016.00	\$46.23	\$48,911.34	\$79.00	\$83,582.00	\$72.00	\$76,176.00	\$55.00	\$58,190.00	\$64.50	\$68,241.00	\$60.50	\$64,009.00
30)	Shared use Path, Grading	188.00	Ft	\$75.00	\$14,100.00	\$15.00	\$2,820.00	\$24.50	\$4,606.00	\$23.00	\$4,324.00	\$11.00	\$2,068.00	\$21.00	\$3,948.00	\$13.00	\$2,444.00	\$23.50	\$4,418.00	\$30.00	\$5,640.00
31)	Guardrail, Reconst, Type B	100.00	Ft	\$12.50	\$1,250.00	\$13.00	\$1,300.00	\$12.50	\$1,250.00	\$67.28	\$6,728.00	\$45.50	\$4,550.00	\$20.00	\$2,000.00	\$39.00	\$3,900.00	\$34.50	\$3,450.00	\$30.00	\$3,000.00
32)	Fence, Chain Link, 72 inch, with 3 Strand of Barbed Wire	275.00	Ft	\$35.00	\$9,625.00	\$37.00	\$10,175.00	\$35.00	\$9,625.00	\$40.25	\$11,068.75	\$33.85	\$9,308.75	\$37.00	\$10,175.00	\$29.00	\$7,975.00	\$42.15	\$11,591.25	\$48.00	\$13,200.00
33)	Fence, Chain Link, 48 inch, Modified	180.00	Ft	\$41.00	\$7,380.00	\$43.00	\$7,740.00	\$41.00	\$7,380.00	\$44.85	\$8,073.00	\$30.35	\$5,463.00	\$43.00	\$7,740.00	\$26.00	\$4,680.00	\$43.45	\$7,821.00	\$40.00	\$7,200.00
34)	Minor Traf Devices	1.00	LSUM	\$4,500.00	\$4,500.00	\$35,000.00	\$35,000.00	\$20,200.00	\$20,200.00	\$2,875.00	\$2,875.00	\$120.00	\$120.00	\$10,000.00	\$10,000.00	\$30,000.00	\$30,000.00	\$1,500.00	\$1,500.00	\$40,000.00	\$40,000.00
35)	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn and Oper	10.00	Ea	\$75.00	\$750.00	\$80.00	\$800.00	\$75.00	\$750.00	\$86.25	\$862.50	\$87.00	\$870.00	\$125.00	\$1,250.00	\$75.00	\$750.00	\$90.00	\$900.00	\$75.00	\$750.00
36)	Channelizing Device, 42 inch, Furn and Oper	25.00	Ea	\$18.00	\$450.00	\$18.00	\$450.00	\$18.00	\$450.00	\$28.75	\$718.75	\$21.00	\$525.00	\$25.00	\$625.00	\$18.00	\$450.00	\$23.00	\$575.00	\$20.00	\$500.00
37)	Plastic Drum, High Intensity, Furn and Oper	25.00	Ea	\$20.00	\$500.00	\$18.00	\$450.00	\$20.00	\$500.00	\$28.75	\$718.75	\$23.00	\$575.00	\$25.00	\$625.00	\$20.00	\$500.00	\$20.50	\$512.50	\$25.00	\$625.00
38)	Sign, Type B, Temp, Prismatic, Furn and Oper	64.00	Ea	\$5.00	\$320.00	\$1.00	\$64.00	\$5.00	\$320.00	\$5.75	\$368.00	\$5.80	\$371.20	\$10.00	\$640.00	\$5.00	\$320.00	\$6.40	\$409.60	\$5.00	\$320.00
39)	Riprap, Plain	62.00	Syd	\$76.00	\$4,340.00	\$100.00	\$6,200.00	\$96.00	\$5,952.00	\$92.00	\$5,704.00	\$85.00	\$5,270.00	\$100.00	\$6,200.00	\$210.00	\$13,020.00	\$165.00	\$10,230.00	\$140.00	\$8,680.00
40)	Turf Establishment, Performance	3.00	Sta	\$1,300.00	\$3,900.00	\$500.00	\$1,500.00	\$1,300.00	\$3,900.00	\$2,012.50	\$6,037.50	\$1,645.00	\$4,935.00	\$2,000.00	\$6,000.00	\$1,500.00	\$4,500.00	\$6,350.00	\$19,050.00	\$1,000.00	\$3,000.00
41)	Crew Days	\$ 700.00	Cday	25	\$17,500.00	20	\$14,000.00	23	\$16,100.00	24	\$16,800.00	44									

Tabulation of Bids Received on 12/4/2020
Bishop Creek Streambank Stabilization
 City of Novi, Oakland County, MI
 OHM Job No.: 0163-18-0151

Fonson Company, Inc.
 7644 Whitmore Lake Rd.
 Brighton, MI 48116

V.I.L. Construction, Inc.
 6670 Sims Drive
 Sterling Heights, MI 48313

Erie Construction, LLC
 22051 Commerce Drive
 Woodhaven, MI 48183

Anglin Civil, LLC
 13000 Newburgh Road
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TSP Services, Inc.
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Z Contractors, Inc.
 50500 Design Lane
 Shelby Township, MI 48315

Verdeterre Contracting, Inc.
 7994 Belleville Road
 Belleville, MI 48111

Zito Construction Co.
 8033 Fenton Rd.
 Grand Blanc, MI 48439

Item No.	Description	Estimated Quantity		Unit Price		Amount		Unit Price		Amount		Unit Price		Amount		Unit Price		Amount		Unit Price		Amount	
		Quantity	Unit	Price	Amount	Quantity	Unit	Price	Amount	Quantity	Unit	Price	Amount	Quantity	Unit	Price	Amount	Quantity	Unit	Price	Amount	Quantity	Unit
12)	Audio Video Route Survey	0.80	LSUM	\$1,468.75	\$1,175.00	\$1,300.00	\$1,040.00	\$4,000.00	\$3,200.00	\$1,006.25	\$805.00	\$1,000.00	\$800.00	\$2,000.00	\$1,600.00	\$1,175.00	\$940.00	\$4,300.00	\$3,440.00	\$4,000.00	\$3,200.00		
13)	Maintenance Gravel	80.00	Ton	\$40.00	\$3,200.00	\$30.00	\$2,400.00	\$39.00	\$3,120.00	\$46.00	\$3,680.00	\$20.00	\$1,600.00	\$35.00	\$2,800.00	\$65.00	\$5,200.00	\$74.50	\$5,960.00	\$50.00	\$4,000.00		
14)	Culv End Sect, Conc, 21 inch	1.00	Ea	\$900.00	\$900.00	\$1,000.00	\$1,000.00	\$738.00	\$738.00	\$2,875.00	\$2,875.00	\$1,200.00	\$1,200.00	\$2,500.00	\$2,500.00	\$1,000.00	\$1,000.00	\$1,485.00	\$1,485.00	\$850.00	\$850.00		
15)	Culv End Sect, Conc, 24 inch	1.00	Ea	\$950.00	\$950.00	\$1,250.00	\$1,250.00	\$738.00	\$738.00	\$2,875.00	\$2,875.00	\$1,200.00	\$1,200.00	\$2,500.00	\$2,500.00	\$1,000.00	\$1,000.00	\$1,485.00	\$1,485.00	\$900.00	\$900.00		
16)	Culv, Reinf Conc Ellip, HE Cl III, 82 inch by 128 inch	79.00	Ft	\$1,009.00	\$79,711.00	\$1,865.00	\$147,335.00	\$1,100.00	\$86,900.00	\$1,138.50	\$89,941.50	\$1,250.00	\$98,750.00	\$1,500.00	\$118,500.00	\$1,800.00	\$142,200.00	\$970.00	\$76,630.00	\$1,500.00	\$118,500.00		
17)	Precast Apron	2.00	Ea	\$15,000.00	\$30,000.00	\$5,000.00	\$10,000.00	\$16,000.00	\$32,000.00	\$23,223.91	\$46,447.82	\$19,000.00	\$38,000.00	\$16,000.00	\$32,000.00	\$13,000.00	\$26,000.00	\$16,500.00	\$33,000.00	\$20,000.00	\$40,000.00		
18)	Precast Wingwalls	4.00	Ea	\$16,000.00	\$64,000.00	\$16,000.00	\$64,000.00	\$12,000.00	\$48,000.00	\$23,694.49	\$94,777.96	\$18,000.00	\$72,000.00	\$16,000.00	\$64,000.00	\$12,000.00	\$48,000.00	\$18,200.00	\$72,800.00	\$22,000.00	\$88,000.00		
19)	Conc, Grade S2	7.00	Cyd	\$3,650.00	\$25,550.00	\$1,000.00	\$7,000.00	\$3,700.00	\$25,900.00	\$4,197.50	\$29,382.50	\$4,187.00	\$29,309.00	\$4,000.00	\$28,000.00	\$1,900.00	\$13,300.00	\$5,545.00	\$38,815.00	\$4,000.00	\$28,000.00		
20)	Reinforcement, Steel, Epoxy Coated	242.00	Lb	\$2.00	\$484.00	\$2.50	\$605.00	\$2.00	\$484.00	\$2.30	\$556.60	\$2.00	\$484.00	\$1.00	\$242.00	\$2.35	\$568.70	\$2.55	\$617.10	\$3.00	\$726.00		
21)	Block Retaining Wall, Mortarless, Reinf	2750.00	Sft	\$33.00	\$90,750.00	\$45.00	\$123,750.00	\$29.00	\$79,750.00	\$26.45	\$72,737.50	\$46.50	\$127,875.00	\$45.00	\$123,750.00	\$35.00	\$96,250.00	\$39.50	\$108,625.00	\$33.00	\$90,750.00		
22)	Fence, Decorative, Black, 48"	500.00	Ft	\$53.00	\$26,500.00	\$55.00	\$27,500.00	\$53.00	\$26,500.00	\$69.00	\$34,500.00	\$70.00	\$35,000.00	\$55.00	\$27,500.00	\$61.00	\$30,500.00	\$88.50	\$44,250.00	\$80.00	\$40,000.00		
23)	Sign, Height Adjustment	2.00	Ea	\$1,500.00	\$3,000.00	\$150.00	\$300.00	\$100.00	\$200.00	\$1,725.00	\$3,450.00	\$1,200.00	\$2,400.00	\$250.00	\$500.00	\$14,000.00	\$28,000.00	\$85.00	\$1,710.00	\$3,500.00	\$7,000.00		
24)	Pedestrian Type II Barricade, Temp	10.00	Ea	\$90.00	\$900.00	\$25.00	\$250.00	\$90.00	\$900.00	\$103.50	\$1,035.00	\$100.00	\$1,000.00	\$175.00	\$1,750.00	\$90.00	\$900.00	\$440.00	\$4,400.00	\$100.00	\$1,000.00		
25)	Minor Traf Devices	1.00	LSUM	\$11,500.00	\$11,500.00	\$65,000.00	\$65,000.00	\$31,200.00	\$31,200.00	\$4,025.00	\$4,025.00	\$100.00	\$100.00	\$18,000.00	\$18,000.00	\$30,000.00	\$30,000.00	\$1,440.00	\$1,440.00	\$54,000.00	\$54,000.00		
26)	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn and Oper	10.00	Ea	\$75.00	\$750.00	\$80.00	\$800.00	\$75.00	\$750.00	\$86.25	\$862.50	\$85.00	\$850.00	\$150.00	\$1,500.00	\$75.00	\$750.00	\$90.00	\$900.00	\$100.00	\$1,000.00		
27)	Channelizing Device, 42 inch, Furn and Oper	50.00	Ea	\$18.00	\$900.00	\$18.00	\$900.00	\$18.00	\$900.00	\$20.70	\$1,035.00	\$20.00	\$1,000.00	\$30.00	\$1,500.00	\$18.00	\$900.00	\$22.90	\$1,145.00	\$20.00	\$1,000.00		
28)	Lighted Arrow, Type C, Furn and Oper	1.00	Ea	\$500.00	\$500.00	\$750.00	\$750.00	\$500.00	\$500.00	\$575.00	\$575.00	\$500.00	\$500.00	\$900.00	\$900.00	\$500.00	\$500.00	\$640.00	\$640.00	\$500.00	\$500.00		
29)	Sign, Type B, Temp, Prismatic, Furn and Oper	120.00	Ea	\$5.00	\$600.00	\$1.00	\$120.00	\$5.00	\$600.00	\$5.75	\$690.00	\$5.60	\$672.00	\$10.00	\$1,200.00	\$5.00	\$600.00	\$6.40	\$768.00	\$5.00	\$600.00		
30)	Riprap, Heavy	125.00	Syd	\$85.00	\$10,625.00	\$125.00	\$15,625.00	\$95.00	\$11,875.00	\$97.75	\$12,218.75	\$63.00	\$7,875.00	\$110.00	\$13,750.00	\$130.00	\$16,250.00	\$140.00	\$17,500.00	\$175.00	\$21,875.00		
31)	Riprap, Plain	25.00	Syd	\$80.00	\$2,000.00	\$100.00	\$2,500.00	\$90.00	\$2,250.00	\$92.00	\$2,300.00	\$55.00	\$1,375.00	\$100.00	\$2,500.00	\$100.00	\$2,500.00	\$132.50	\$3,312.50	\$140.00	\$3,500.00		
32)	Detail A-Coir Block Bank Stabilization	526.00	Ft	\$102.00	\$53,652.00	\$50.00	\$26,300.00	\$144.00	\$75,744.00	\$92.00	\$48,392.00	\$67.00	\$35,242.00	\$100.00	\$52,600.00	\$100.00	\$52,600.00	\$21.75	\$11,440.50	\$123.00	\$64,698.00		
33)	Detail B-Bankfull Shelf, 10 foot width	230.00	Ft	\$17.50	\$4,025.00	\$15.00	\$3,450.00	\$72.00	\$16,560.00	\$23.00	\$5,290.00	\$35.00	\$8,050.00	\$21.00	\$4,410.00	\$60.00	\$13,800.00	\$35.50	\$8,165.00	\$65.00	\$14,950.00		
34)	Detail B-Bankfull Shelf, 5 foot width	584.00	Ft	\$8.80	\$5,139.20	\$10.00	\$5,840.00	\$35.00	\$20,440.00	\$17.25	\$10,074.00	\$18.00	\$10,512.00	\$16.00	\$9,344.00	\$30.00	\$17,520.00	\$30.00	\$17,520.00	\$58.00	\$33,872.00		
35)	Detail C-Bank Stabilization with Live Stakes	2927.00	Syd	\$5.50	\$16,098.50	\$0.50	\$1,463.50	\$23.00	\$67,321.00	\$17.25	\$50,490.75	\$17.00	\$49,759.00	\$10.00	\$29,270.00	\$0.01	\$29.27	\$16.00	\$46,832.00	\$12.00	\$35,124.00		
36)	Grade Control Structure	10.00	Syd	\$300.00	\$3,000.00	\$300.00	\$3,000.00	\$435.00	\$4,350.00	\$575.00	\$5,750.00	\$250.00	\$2,500.00	\$750.00	\$7,500.00	\$600.00	\$6,000.00	\$560.00	\$5,600.00	\$500.00	\$5,000.00		
37)	Plunge Pool	25.00	Syd	\$100.00	\$2,500.00	\$50.00	\$1,250.00	\$110.00	\$2,750.00	\$57.50	\$1,437.50	\$65.00	\$1,625.00	\$260.00	\$6,500.00	\$130.00	\$3,250.00	\$213.50	\$5,337.50	\$150.00	\$3,750.00		
38)	Turf Establishment, Performance	13.00	Syd	\$1,090.00	\$14,170.00	\$150.00	\$1,950.00	\$1,700.00	\$22,100.00	\$1,868.75	\$24,293.75	\$1,500.00	\$19,500.00	\$1,000.00	\$13,000.00	\$1,500.00	\$19,500.00	\$4,884.00	\$63,492.00	\$1,000.00	\$13,000.00		
39)	Protect Corners	1.00	Ea	\$500.00	\$500.00	\$300.00	\$300.00	\$400.00	\$400.00	\$1,725.00	\$1,725.00	\$500.00	\$500.00	\$1,000.00	\$1,000.00	\$600.00	\$600.00	\$3,325.00	\$3,325.00	\$1,000.00	\$1,000.00		
40)	Crew Days	\$ 700.00	Cday	25	\$17,500.00	27	\$18,900.00	30	\$21,000.00	36	\$25,200.00	82	\$57,400.00	48	\$33,600.00	45	\$31,500.00	30	\$21,000.00	60	\$42,000.00		
Subtotal for STREAMBANK (Items 1-40):					\$569,839.70		\$653,693.50		\$696,136.00		\$692,011.25 ³		\$722,044.60		\$735,176.00		\$786,007.97		\$837,523.60		\$906,190.00		

Category 2 - Sidewalk

41)	Mobilization, Max 10%	0.20	LSUM	\$54,000.00	\$10,800.00	\$75,000.00	\$15,000.00	\$64,000.00	\$12,800.00	\$66,000.00	\$13,200.00	\$100,000.00	\$20,000.00	\$85,000.00	\$17,000.00	\$100,000.00	\$20,000.00	\$100,000.00	\$20,000.00	\$100,000.00	\$20,000.00		
42)	Curb and Gutter, Rem	42.00	Ft	\$15.00	\$630.00	\$15.00	\$630.00	\$10.00	\$420.00	\$17.25	\$724.50	\$20.00	\$840.00	\$30.00	\$1,260.00	\$13.00	\$546.00	\$38.00	\$1,596.00	\$15.00	\$630.00		
43)	Guardrail, Rem	286.00	Ft	\$1.00	\$286.00	\$1.00	\$286.00	\$1.00	\$286.00	\$11.50	\$3,289.00	\$6.90	\$1,973.40	\$2.00	\$572.00	\$6.00	\$1,716.00	\$7.20	\$2,059.20	\$5.00	\$1,430.00		
44)	Pavt, Rem, Modified	654.00	Syd	\$7.00	\$4,578.00	\$25.00	\$16,350.00	\$19.00	\$12,426.00	\$17.25	\$11,281.50	\$5.40	\$3,531.60	\$15.00	\$9,810.00	\$20.00	\$13,080.00	\$19.20	\$12,556.80	\$15.00	\$9,810.00		
45)	Embankment, CIP	25.00	Cyd	\$19.00	\$475.00	\$40.00	\$1,600.00	\$12.00	\$300.00	\$46.00	\$1,150.00	\$18.00	\$450.00	\$40.00	\$1,600.00	\$200.00	\$5,000.00	\$62.50	\$1,562.50	\$50.00	\$1,250.00		
46)	Excavation, Earth	350.00	Cyd	\$32.00	\$11,200.00	\$40.00	\$14,000.00	\$17.00	\$5,950.00	\$11.50	\$4,025.00	\$40.00	\$14,000.00	\$50.00	\$17,500.00	\$35.00	\$12,250.00	\$61.00	\$21,350.00	\$30.00	\$10,500.00		
47)	Granular Material, Cl II	137.00	Cyd	\$60.00	\$8,220.00	\$30.00	\$4,110.00	\$30.00	\$4,110.00	\$51.75	\$7,089.75	\$57.00	\$7,809.00	\$65.00	\$8,905.00	\$85.00	\$11,645.00	\$74.00	\$10,138.00	\$40.00	\$5,480.00		
48)	Subgrade Undercutting, Type II, Modified	25.00	Cyd	\$62.00	\$1,550.00	\$60.00	\$1,500.00	\$50.00	\$1,250.00	\$57.50	\$1,437.50	\$75.00	\$1,875.00	\$60.00	\$1,500.00	\$130.00	\$3,250.00	\$87.00	\$2,175.00	\$75.00	\$1,875.00		
49)	Project Cleanup	0.20	LSUM	\$10,000.00	\$2,000.00	\$5,000.00	\$1,000.00	\$2,000.00	\$400.00	\$5,750.00	\$1,150.00	\$7,000.00	\$1,400.00	\$2,000.00	\$400.00	\$1,000.00	\$200.00	\$4,775.00					

Tabulation of Bids Received on 12/4/2020
Bishop Creek Streambank Stabilization
 City of Novi, Oakland County, MI
 OHM Job No.: 0163-18-0151

Fonson Company, Inc.
 7644 Whitmore Lake Rd.
 Brighton, MI 48116

V.I.L. Construction, Inc.
 6670 Sims Drive
 Sterling Heights, MI 48313

Erie Construction, LLC
 22051 Commerce Drive
 Woodhaven, MI 48183

Anglin Civil, LLC
 13000 Newburgh Road
 Livonia, MI 48150

TSP Services, Inc.
 25000 Capitol
 Redford, MI 48239

L.J. Construction, Inc.
 5863 S. Kingston Rd.
 Clifford, MI 48727

Z Contractors, Inc.
 50500 Design Lane
 Shelby Township, MI 48315

Verdeterre Contracting, Inc.
 7994 Belleville Road
 Belleville, MI 48111

Zito Construction Co.
 8033 Fenton Rd.
 Grand Blanc, MI 48439

Item No.	Description	Estimated Quantity	Phone: (810) 231-5188		Phone: (586) 979-6020		Phone: (734) 676-8689		Phone: (734) 464-2600		Phone: (734) 838-0426		Phone: (989) 761-0131		Phone: (586) 625-8899		Phone: (734) 697-4166		Phone: (810) 695-9025	
			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
TOTAL BID AMOUNT (Items 1-68):				<u>\$718,042.05</u>		<u>\$827,000.00</u>		<u>\$900,202.00</u>		<u>\$933,701.67³</u>		<u>\$926,052.80</u>		<u>\$923,981.00</u>		<u>\$991,339.97</u>		<u>\$1,092,149.55</u>		<u>\$1,116,791.00</u>
Project 1 - Lee BeGole Drive Headwall Reconstruction - Total Bid Amount (Items 1-41):				<u>\$222,342.00</u>		<u>\$274,964.00</u>		<u>\$246,740.00</u>		<u>\$230,276.57³</u>		<u>\$264,994.75</u>		<u>\$275,215.00</u>		<u>\$321,986.00</u>		<u>\$305,945.85</u>		<u>\$286,664.00</u>
Project 2 - Bishop Creek Streambank Restoration - Total Bid Amount (Items 1-68):				<u>\$718,042.05</u>		<u>\$827,000.00</u>		<u>\$900,202.00</u>		<u>\$933,701.67³</u>		<u>\$926,052.80</u>		<u>\$923,981.00</u>		<u>\$991,339.97</u>		<u>\$1,092,149.55</u>		<u>\$1,116,791.00</u>
Both Projects Total:				<u>\$940,384.05</u>		<u>\$1,101,964.00</u>		<u>\$1,146,942.00</u>		<u>\$1,163,978.24³</u>		<u>\$1,191,047.55</u>		<u>\$1,199,196.00</u>		<u>\$1,313,325.97</u>		<u>\$1,398,095.40</u>		<u>\$1,403,455.00</u>

CORRECTIONS

- ¹ Adjusted to reflect bidder's summation error
- ² Adjusted to reflect bidder's multiplication error
- ³ Adjusted to reflect bidder's above errors

BID
for
Lee BeGole Drive Headwall Reconstruction / Bishop Creek Streambank Restoration

Bid of Fonson Company, Inc. hereinafter called Bidder, organized and existing under the laws of or a resident of the State of Michigan, doing business as a corporation *

Insert as applicable: "a corporation", "a partnership" or "an individual".

TO THE CITY OF NOVI, MICHIGAN, hereinafter called OWNER:

The undersigned as Bidder hereby declares: that this Bid is made in good faith without fraud or collusion with any person or persons bidding on the same Contract; that the Bidder has read and examined the Advertisement for Bids, Instructions to Bidders, Bid, General Conditions, Supplementary Conditions, Agreement, Forms of Bond, Specifications and Drawings, as prepared by the ENGINEER, and understands all of the same; that the Bidder of its representative has made personal investigation at the site and has become fully familiar with regard to the conditions to be met in the execution of this Contract, and the undersigned proposes to furnish all labor, materials, tools, power, transportation, and construction equipment necessary for the construction of the Project and performing related work in full accordance with the aforesaid Contract Documents, including any and all Addenda officially issued, their receipt of which is hereby acknowledged:

Addendum No.	Addendum Date
<u>1</u>	<u>11/30/20</u>
_____	_____
_____	_____

The Contract will be awarded to the lowest responsive, responsible Bidder based on the unit prices for all Work specified.

The Bidder agrees to complete the Project for the following unit prices:



Project 1 – Lee BeGole Drive Headwall Reconstruction

ITEM	DESCRIPTION	QTY	UNIT	UNIT PRICE	AMOUNT
CATEGORY - HEADWALL					
1	Mobilization, Max 10%	1.00	LSUM	\$20,000.00	\$ 20,000.00
2	Clearing	0.10	Acre	\$ 45,000.00	\$ 4,500.00
3	Dr Structure, Rem	1.00	Ea	\$800.00	\$ 800.00
4	Sewer, Rem, Less than 24 inch	10.00	Ft	\$40.00	\$ 400.00
5	Fence, Rem	200.00	Ft	\$8.00	\$ 1,600.00
6	Steel Sheet Piling, Rem	50.00	Sft	\$57.00	\$ 2,850.00
7	Pavt, Rem, Modified	11.00	Syd	\$ 50.00	\$ 550.00
8	Embankment, CIP	44.00	Cyd	\$ 32.00	\$ 1,408.00
9	Excavation, Channel	33.00	Cyd	\$40.00	\$ 1,320.00
10	Subgrade Undercutting, Type II, Modified	22.00	Cyd	\$68.00	\$ 1,496.00
11	Erosion Control, Check Dam, Stone	30.00	Ft	\$40.00	\$ 1,200.00
12	Erosion Control, Silt Fence	160.00	Ft	\$ 3.00	\$ 480.00
13	Project Cleanup	1.00	LSUM	\$ 3,000.00	\$ 3,000.00
14	Audio Video Route Survey	1.00	LSUM	\$ 875.00	\$ 875.00
15	Maintenance Gravel	25.00	Ton	\$ 38.00	\$ 950.00
16	Culv, CI B, Conc, 48 inch	32.00	Ft	\$420.00	\$ 13,440.00
17	Sewer, CI IV, 18 inch, Tr Det B	88.00	Ft	\$ 75.00	\$ 6,600.00
18	Sewer Bulkhead, 18 inch	1.00	Ea	\$ 500.00	\$ 500.00
19	Dr Structure Cover, Type B	1.00	Ea	\$600.00	\$ 600.00
20	Dr Structure Cover, Type G	1.00	Ea	\$550.00	\$ 550.00
21	Dr Structure, 24 inch dia	1.00	Ea	\$1,250.00	\$ 1,250.00
22	Dr Structure, 48 inch dia	1.00	Ea	\$1,550.00	\$ 1,550.00
23	Dr Structure, Tap, 18 inch	1.00	Ea	\$400.00	\$ 400.00
24	Wtr Structure Cover, Adj, Case 2	1.00	Ea	\$ 550.00	\$ 550.00
25	Underdrain, Subgrade, Open-Graded, 6 inch	60.00	Ft	\$30.00	\$ 1,800.00
26	Hand Patching	5.00	Ton	\$ 530.00	\$ 2,650.00
27	Conc, Grade S2	30.00	Cyd	\$ 880.00	\$ 26,400.00
28	Reinforcement, Steel, Epoxy Coated	2496.00	Lb	\$ 2.00	\$ 4,992.00
29	Block Retaining Wall	1058.00	Sft	\$ 52.00	\$ 55,016.00
30	Shared use Path, Grading	188.00	Ft	\$ 75.00	\$ 14,100.00
31	Guardrail, Reconst, Type B	100.00	Ft	\$ 12.50	\$ 1,250.00
32	Fence, Chain Link, 72 inch, with 3 Strand of Barbed Wire	275.00	Ft	\$35.00	\$ 9,625.00
33	Fence, Chain Link, 48 inch, Modified	180.00	Ft	\$41.00	\$ 7,380.00
34	Minor Traf Devices	1.00	LSUM	\$ 4,500.00	\$ 4,500.00
35	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn and Oper	10.00	Ea	\$ 75.00	\$ 750.00
36	Channelizing Device, 42 inch, Furn and Oper	25.00	Ea	\$18.00	\$ 450.00
37	Plastic Drum, High Intensity, Furn and Oper	25.00	Ea	\$20.00	\$ 500.00
38	Sign, Type B, Temp, Prismatic, Furn and Oper	64.00	Ea	\$ 5.00	\$ 320.00
39	Riprap, Plain	62.00	Syd	\$70.00	\$ 4,340.00
40	Turf Establishment, Performance	3.00	Sta	\$1,300.00	\$ 3,900.00
41	Crew Days	25	Cday	\$ 700.00	\$ 17,500.00
SUBTOTAL FOR HEADWALL (Items 1-41)					\$ 222,342.00
Total Bid Amount (Items 1-41)					\$ 222,342.00



Project 2 – Bishop Creek Streambank Restoration

ITEM	DESCRIPTION	QTY	UNIT	UNIT PRICE	AMOUNT
CATEGORY 1 - STREAMBANK					
1	Mobilization, Max 10%	0.80	LSUM	\$50,000.00	\$ 50,000.00
2	Clearing	0.25	Acre	\$ 18,000.00	\$ 4,500.00
3	Culv, Rem, Over 48 inch	2.00	Ea	\$ 1,400.00	\$ 2,800.00
4	Sewer, Rem, Less than 24 inch	5.00	Ft	\$33.00	\$ 165.00
5	Embankment, CIP	50.00	Cyd	\$25.00	\$ 1,250.00
6	Excavation, Channel	970.00	Cyd	\$28.00	\$ 27,160.00
7	Subgrade Undercutting, Type II, Modified	25.00	Cyd	\$65.00	\$ 1,625.00
8	Aggregate, 6A	172.00	Cyd	\$55.00	\$ 9,460.00
9	Erosion Control, Check Dam, Stone	150.00	Ft	\$ 35.00	\$ 5,250.00
10	Erosion Control, Silt Fence	750.00	Ft	\$ 3.00	\$ 2,250.00
11	Project Cleanup	0.80	LSUM	\$ 6,000.00	\$ 4,800.00
12	Audio Video Route Survey	0.80	LSUM	\$ 1,468.75	\$ 1,175.00
13	Maintenance Gravel	80.00	Ton	\$40.00	\$ 3,200.00
14	Culv End Sect, Conc, 21 inch	1.00	Ea	\$900.00	\$ 900.00
15	Culv End Sect, Conc, 24 inch	1.00	Ea	\$ 950.00	\$ 950.00
16	Culv, Reinf Conc Ellip, HE Cl III, 82 inch by 128 inch	79.00	Ft	\$ 1,009.00	\$ 79,711.00
17	Precast Apron	2.00	Ea	\$15,000.00	\$ 30,000.00
18	Precast Wingwalls	4.00	Ea	\$16,000.00	\$ 64,000.00
19	Conc, Grade S2	7.00	Cyd	\$ 3,650.00	\$ 25,550.00
20	Reinforcement, Steel, Epoxy Coated	242.00	Lb	\$ 2.00	\$ 484.00
21	Block Retaining Wall, Mortarless, Reinf	2750.00	Sft	\$ 33.00	\$ 90,750.00
22	Fence, Decorative, Black, 48"	500.00	Ft	\$ 53.00	\$ 26,500.00
23	Sign, Height Adjustment	2.00	Ea	\$ 1,500.00	\$ 3,000.00
24	Pedestrian Type II Barricade, Temp	10.00	Ea	\$ 90.00	\$ 900.00
25	Minor Traf Devices	1.00	LSUM	\$ 11,500.00	\$ 11,500.00
26	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn and Oper	10.00	Ea	\$ 75.00	\$ 750.00
27	Channelizing Device, 42 inch, Furn and Oper	50.00	Ea	\$ 18.00	\$ 900.00
28	Lighted Arrow, Type C, Furn and Oper	1.00	Ea	\$ 500.00	\$ 500.00
29	Sign, Type B, Temp, Prismatic, Furn and Oper	120.00	Ea	\$ 5.00	\$ 600.00
30	Riprap, Heavy	125.00	Syd	\$ 85.00	\$ 10,625.00
31	Riprap, Plain	25.00	Syd	\$ 80.00	\$ 2,000.00
32	Detail A-Coir Block Bank Stabilization	526.00	Ft	\$ 102.00	\$ 53,625.00
33	Detail B-Bankfull Shelf, 10 foot width	230.00	Ft	\$ 17.50	\$ 4,025.00
34	Detail B-Bankfull Shelf, 5 foot width	584.00	Ft	\$ 8.80	\$ 5,139.20
35	Detail C-Bank Stabilization with Live Stakes	2927.00	Syd	\$ 5.50	\$ 16,098.50
36	Grade Control Structure	10.00	Syd	\$ 300.00	\$ 3,000.00
37	Plunge Pool	25.00	Syd	\$ 100.00	\$ 2,500.00
38	Turf Establishment, Performance	13.00	Sta	\$ 1,090.00	\$ 14,170.00
39	Protect Corners	1.00	Ea	\$ 500.00	\$ 500.00
40	Crew Days	25	Cday	\$ 700.00	\$ 17,500.00
SUBTOTAL FOR STREAMBANK (Items 1-40)					\$ 569,839.70



ITEM	DESCRIPTION	QTY	UNIT	UNIT PRICE	AMOUNT
CATEGORY 2 - SIDEWALK					
41	Mobilization, Max 10%	0.20	LSUM	\$ 54,000.00	\$ 10,800.00
42	Curb and Gutter, Rem	42.00	Ft	\$ 15.00	\$ 630.00
43	Guardrail, Rem	286.00	Ft	\$ 1.00	\$ 286.00
44	Pavt, Rem, Modified	654.00	Syd	\$ 7.00	\$ 4,578.00
45	Embankment, CIP	25.00	Cyd	\$ 19.00	\$ 475.00
46	Excavation, Earth	350.00	Cyd	\$ 32.00	\$ 11,200.00
47	Granular Material, CI II	137.00	Cyd	\$ 60.00	\$ 8,220.00
48	Subgrade Undercutting, Type II, Modified	25.00	Cyd	\$ 62.00	\$ 1,550.00
49	Project Cleanup	0.20	LSUM	\$ 10,000.00	\$ 2,000.00
50	Audio Video Route Survey	0.20	LSUM	\$ 5,875.00	\$ 1,175.00
51	Maintenance Gravel	25.00	Ton	\$ 35.00	\$ 875.00
52	Shoulder, CI II, 6 inch	696.00	Syd	\$ 13.00	\$ 9,048.00
53	Sanitary Structure Cover, Adj	2.00	Ea	\$ 550.00	\$ 1,100.00
54	Utility Structure Cover	1.00	Ea	\$ 650.00	\$ 650.00
55	Utility Structure Cover, Adj	2.00	Ea	\$ 200.00	\$ 400.00
56	Hand Patching	20.00	Ton	\$ 318.00	\$ 6,360.00
57	Driveway, Nonreinf Conc, 8 inch	185.00	Syd	\$ 44.50	\$ 8,232.50
58	Detectable Warning Surface	16.00	Ft	\$ 32.00	\$ 512.00
59	Curb Ramp Opening, Conc	52.00	Ft	\$ 20.00	\$ 1,040.00
60	Sidewalk Ramp, Conc, 6 inch	500.00	Sft	\$ 5.90	\$ 2,950.00
61	Sidewalk, Conc, 4 inch	9671.00	Sft	\$ 3.35	\$ 32,397.85
62	Guardrail, Type MGS-8	514.00	Ft	\$ 19.50	\$ 10,023.00
63	Guardrail Approach Terminal, Type 2M	4.00	Ea	\$ 2,900.00	\$ 11,600.00
64	Guardrail, Wood Back	714.00	Ft	\$ 10.00	\$ 7,140.00
65	Pavt Mrkg, Polyurea, 4 inch, White	210.00	Ft	\$ 10.00	\$ 2,100.00
66	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	172.00	Ft	\$ 5.00	\$ 860.00
67	Remove, Salvage, and Replace Landscaping	1.00	LSUM	\$ 1,500.00	\$ 1,500.00
68	Crew Days	15	Cday	\$ 700.00	\$ 10,500.00
SUBTOTAL FOR SIDEWALK (Items 41-68)					\$ 148,202.35
Total Bid Amount (Items 1-68)					\$ 718,042.05

Project 1 – Lee BeGole Drive Headwall Reconstruction – Total Bid Amount (Items 1-41): 222,342.00

Project 2 – Bishop Creek Streambank Restoration – Total Bid Amount (Items 1-68): 718,042.05

Both Projects Total: 940,384.05



If the foregoing Bid shall be accepted by the OWNER, the undersigned agrees to enter into the attached form of Agreement within ten (10) days after receiving notice of such acceptance, will furnish the OWNER satisfactory bonds and certificates of insurance coverage, and will complete the Project, at the price and within the time stated in this Bid.

The undersigned further agrees that if the foregoing Bid shall be accepted, work will commence immediately after the Contract has been awarded, the Agreement executed, and a Notice to Proceed received. **The undersigned shall complete Project 1 – Lee BeGole Drive Headwall Reconstruction Work to Substantial Completion by July 2, 2021, and to Final Completion, including restoration and all punch list items, by July 30, 2021. The undersigned shall tentatively complete Project 2 – Bishop Creek Streambank Restoration Work to Substantial Completion by October 29, 2021, and to Final Completion, including restoration and all punch list items, by June 4, 2022 with the exception of easement acquisition and utility relocation. Clearing for both projects shall be completed prior to March 31st, 2021 to comply with USFWS requirements.**

The undersigned attaches hereto its Bid security, as required by the Advertisement for Bids and Instructions to Bidders. The undersigned agrees that in case it shall fail to fulfill its obligations under the foregoing Bid, and/or shall fail to furnish bonds, as specified, the OWNER may, at its option determine that the undersigned has abandoned its rights and interests in such Contract and that its Bid security accompanying its Bid; has been forfeited to the said OWNER, but otherwise the Bid security shall be returned to the undersigned upon the execution of the Contract and the acceptance of the bonds.

The undersigned also agrees that for each and every calendar day that he may be in default of Substantial Completion of the Work, within the time specified in this Bid, the OWNER will suffer a damage of THIRTEEN hundred dollars (\$1,300.00) per day, and said OWNER shall be compensated therefore at the rate as liquidated damages in accordance with the Agreement.

In submitting this Bid, it is understood that the right is reserved by the OWNER to accept any bid, to reject any or all Bids, and to waive irregularities in bidding in the interest of the OWNER.

SUBMITTED on 12/4/2020
Date*

BY: FONSON Company, Inc.
Name of Bidder*

7644 WHITMORE LAKE RD
Street*

[Signature]
Signature

BRIGHTON MI 48116
City, State, ZIP*

KIRK COOLEY, GENERAL MANAGER
Name and Title of Signatory*

810-231-5188
Telephone Number*

810-231-5404
Facsimile Number*

*Typed or printed in ink.