

Bid Tabulation

Oak Street Improvements

Village of Grafton, Ohio

Job Number: 217000-00299

Bids Received: Wednesday, August 29, 2018 at 12:00 PM

Engineer's Opinion of Probable Cost: \$993,990

Poggemeyer Design Group, Inc.
1168 North Main Street
Bowling Green, Ohio 43402

Buckeye Excavating & Const.
191 State Route 61 East
Norwalk, Ohio 44857

Karvo Companies
4524 Hudson Drive
Stow, Ohio 44224

Ref. No.	Description	Estimated Quantity	Unit	Unit Price	Total Price	Unit Price	Total Price
<u>BASE BID</u>							
PAVEMENT/ROADWAY							
1	Spec. Preconstruction Surface Video	1	L.S.	\$1,000.00	\$1,000.00	\$558.00	\$558.00
2	Spec. Mobilization	1	L.S.	\$11,000.00	\$11,000.00	\$41,000.00	\$41,000.00
3	Spec. Bid Bond	1	L.S.	\$8,000.00	\$8,000.00	\$8,000.00	\$8,000.00
4	201 Cleaning and Grubbing	1	L.S.	\$8,900.00	\$8,900.00	\$4,000.00	\$4,000.00
5	202 Trees & Stumps Removed (including trees removed for storm sewer)	1	L.S.	\$10,500.00	\$10,500.00	\$18,000.00	\$18,000.00
6	202 Existing Manhole, Catch Basin, Curb Inlet, or Yard Drain Removed	15	EA.	\$385.00	\$5,775.00	\$755.00	\$11,325.00
7	202 Existing Cistern Abandoned In Place	1	EA.	\$2,500.00	\$2,500.00	\$1,335.00	\$1,335.00
8	202 Existing Concrete Curb & Gutter Removed	107	L.F.	\$4.50	\$481.50	\$7.50	\$802.50
9	202 Existing Abandoned Gas Main and Service Lines Removed	1,145	L.F.	\$1.00	\$1,145.00	\$2.00	\$2,290.00
10	202 Existing Concrete or Asphalt Sidewalk Removed	2,850	S.F.	\$0.75	\$2,137.50	\$2.75	\$7,837.50
11	203 Embankment (Roadway)	36	C.Y.	\$30.00	\$1,080.00	\$12.85	\$462.60
12	203 Excavation (Roadway)	1,752	C.Y.	\$18.00	\$31,536.00	\$16.15	\$28,294.80
13	204 Subgrade Compaction and Proofroll	2,767	S.Y.	\$1.00	\$2,767.00	\$1.50	\$4,150.50
14	207 Sediment & Erosion Control/Stormwater Pollution Prevention Plan (SW3P)	1	L.S.	\$7,500.00	\$7,500.00	\$15,000.00	\$15,000.00
15	304 10" Compacted Aggregate Base (5" Lifts)	780	C.Y.	\$49.50	\$38,610.00	\$49.00	\$38,220.00
16	407 Non-Tracking Tack Coat @ 0.06 gal/sy	133	GAL.	\$5.00	\$665.00	\$3.00	\$399.00
17	411 Stabilized Berm	2.5	C.Y.	\$150.00	\$375.00	\$145.00	\$362.50
18	448 Asphalt Intermediate Course, PG64-22, Type 2, 2" Compacted Thickness	123	C.Y.	\$167.00	\$20,541.00	\$190.00	\$23,370.00
19	448 Asphalt Surface Course, Type PG64-22, Type 1, 1 1/2" Compacted Thickness	93	C.Y.	\$198.00	\$18,414.00	\$240.00	\$22,320.00
20	452 6" Thick Plain Portland Cement Concrete Drive - Class C, Including Existing Stone/Concrete/Asphalt Drive Removed, Excavation, Compacted Subgrade, 4" Compacted Base	489	S.Y.	\$62.00	\$30,318.00	\$65.00	\$31,785.00
21	605 4" Diameter Base Pipe Underdrain	1,633	L.F.	\$12.50	\$20,412.50	\$9.75	\$15,921.75
22	608 4" Thick Concrete Sidewalk Including Excavation, Subgrade Compaction, 4" Compacted Base	5,709	S.F.	\$5.25	\$29,972.25	\$4.50	\$25,690.50
23	608 ADA Sidewalk Curb Ramp	7	EA.	\$300.00	\$2,100.00	\$1,000.00	\$7,000.00
24	609 Type 2 Concrete Curb and Gutter, including Type 2 Modified	1,633	L.F.	\$21.00	\$34,293.00	\$18.50	\$30,210.50
25	Spec. Tensar BX1200 Geogrid, as directed by the Engineer	275	S.Y.	\$4.00	\$1,100.00	\$3.25	\$893.75
26	614 Maintaining Traffic	1	L.S.	\$6,200.00	\$6,200.00	\$18,000.00	\$18,000.00
27	641/644 Pavement Marking - Stop Line	52	L.F.	\$6.30	\$327.60	\$7.50	\$390.00
28	641/644 Pavement Marking Removed - Cross Walk	141	L.F.	\$4.20	\$592.20	\$16.15	\$2,277.15
29	641/644 Pavement Marking - Cross Walk	282	L.F.	\$3.15	\$888.30	\$4.00	\$1,128.00
30	641/644 Pavement Marking - Railroad Grade Crossing	2	EA.	\$630.00	\$1,260.00	\$600.00	\$1,200.00

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Karvo Companies

4524 Hudson Drive

Stow, Ohio 44224

Ref. No.	Description	Estimated Quantity	Unit	Unit Price	Total Price	Unit Price	Total Price
31	630 Sign, Flat Sheet - STOP SIGN R1-1-30	4	EA.	\$105.00	\$420.00	\$116.65	\$466.60
32	630 Sign, Flat Sheet - ALL WAY R1-3P-18	4	EA.	\$27.00	\$108.00	\$58.35	\$233.40
33	630 Sign, Flat Sheet - RXR W10-1-30	2	EA.	\$105.00	\$210.00	\$116.65	\$233.30
34	630 Sign, Flat Sheet - OAK STREET D3-H3-24	2	EA.	\$74.00	\$148.00	\$82.20	\$164.40
35	630 Sign, Flat Sheet - RAILROAD ST D3-H3-24	2	EA.	\$74.00	\$148.00	\$95.25	\$190.50
36	630 Sign, Flat Sheet - DEAD END W14-1-24	1	EA.	\$74.00	\$74.00	\$139.65	\$139.65
37	630 Ground Mounted Support No. 2 Post	135	FT.	\$8.50	\$1,147.50	\$6.35	\$857.25
38	630 Remove and Relocate Existing Sign and Post	3	EA.	\$315.00	\$945.00	\$95.55	\$286.65
39	Spec. Yard Regrading at Res #949 Oak Street including Excavation, Embankment, 4" Screened Topsoil, Hydro-Seeding and Hydro-Mulching	1	L.S.	\$4,800.00	\$4,800.00	\$5,500.00	\$5,500.00
40	659 Hydro-Seeding and Hydro-Mulching, including Topsoil Stockpiling, Topsoil Placing, and Furnishing Topsoil as necessary (4" screened topsoil to be placed/provided prior to seeding and mulching)	1	L.S.	\$14,400.00	\$14,400.00	\$25,000.00	\$25,000.00
STORM / DRAINAGE							
41	603 19"x30" Storm Sewer, Reinforced Concrete, Type C	267	L.F.	\$95.00	\$25,365.00	\$135.00	\$36,045.00
42	603 24" Storm Sewer, Type B	148	L.F.	\$72.00	\$10,656.00	\$113.00	\$16,724.00
43	603 18" Storm Sewer, Type B	189	L.F.	\$86.00	\$16,254.00	\$75.00	\$14,175.00
44	603 15" Storm Sewer, Type B	29	L.F.	\$42.00	\$1,218.00	\$44.99	\$1,304.71
45	603 15" Storm Sewer for Horizontal Steel Cased Jack & Bore	84	L.F.	\$77.00	\$6,468.00	\$31.00	\$2,604.00
46	638 Railroad Horizontal Steel Cased Jack & Bore for 15" Storm Sewer	84	L.F.	\$401.00	\$33,684.00	\$577.00	\$48,468.00
47	603 12" Storm Sewer, Type B	800	L.F.	\$69.00	\$55,200.00	\$56.00	\$44,800.00
48	603 6" Storm Service Lateral PVC or HDPE	320	L.F.	\$37.00	\$11,840.00	\$58.00	\$18,560.00
49	603 6" Storm Service Lateral AWWA C900 DR25	73	L.F.	\$52.00	\$3,796.00	\$108.00	\$7,884.00
50	603 6" Storm Service Lateral Connections or End Cap	16	EA.	\$620.00	\$9,920.00	\$600.00	\$9,600.00
51	601 Type D Rock Channel Protection	1	C.Y.	\$300.00	\$300.00	\$442.00	\$442.00
52	604 Storm Manhole with Frame & Cover or Grate	5	EA.	\$2,475.00	\$12,375.00	\$2,870.00	\$14,350.00
53	604 Curb Inlet with Frame & Grate	11	EA.	\$1,850.00	\$20,350.00	\$2,125.00	\$23,375.00
54	604 Catch Basin with Grate	1	EA.	\$1,200.00	\$1,200.00	\$1,025.00	\$1,025.00
55	604 Yard Drain with Grate	1	EA.	\$1,250.00	\$1,250.00	\$1,030.00	\$1,030.00
56	604 Driveway Trench Drain with Grate, 2~7' Sections including Connection to Proposed Storm Sewer	14	L.F.	\$150.00	\$2,100.00	\$96.00	\$1,344.00
57	604 Endwall for 19"x30" Elliptical Concrete Pipe	1	EA.	\$1,115.00	\$1,115.00	\$1,035.00	\$1,035.00
58	Spec. Warning Tape	1,810	L.F.	\$0.05	\$90.50	\$0.05	\$90.50
SANITARY							
59	603 Under 12" Conduit Repair	200	L.F.	\$10.00	\$2,000.00	\$45.00	\$9,000.00

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Karvo Companies

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Stow, Ohio 44224

Ref. No.	Description	Estimated Quantity	Unit	Unit Price	Total Price	Unit Price	Total Price
60	603 8" Conduit, Type B, PVC SDR 35	658	L.F.	\$105.00	\$69,090.00	\$128.00	\$84,224.00
61	638 8" PVC Conduit for Horizontal Steel Cased Jack & Bore	57	L.F.	\$71.00	\$4,047.00	\$30.00	\$1,710.00
62	638 Railroad Horizontal Steel Cased Jack & Bore for 8" PVC Sanitary Sewer	57	L.F.	\$360.00	\$20,520.00	\$625.00	\$35,625.00
63	603 6" Sanitary Service PVC SDR 35	310	L.F.	\$85.00	\$26,350.00	\$85.00	\$26,350.00
64	603 6" Sanitary Service AWWA C900 DR 25	124	L.F.	\$68.00	\$8,432.00	\$110.00	\$13,640.00
65	603 6" Sanitary Service Lateral Connections	16	EA.	\$965.00	\$15,440.00	\$640.00	\$10,240.00
66	604 Sanitary Manhole Type 3 with Frame & Cover	5	EA.	\$4,165.00	\$20,825.00	\$4,285.00	\$21,425.00
67	604 Existing Sanitary Manhole Re-lining	1	EA.	\$3,150.00	\$3,150.00	\$3,000.00	\$3,000.00
68	604 Existing Sanitary Manhole Top Adjusted to Grade with New Frame & Cover	1	EA.	\$1,115.00	\$1,115.00	\$1,035.00	\$1,035.00
69	604 Existing Sewer Connection to Proposed Manhole	3	EA.	\$210.00	\$630.00	\$1,085.00	\$3,255.00
70	604 Proposed Sewer Connection to Existing Manhole	1	EA.	\$2,000.00	\$2,000.00	\$1,085.00	\$1,085.00
71	604 Warning Tape	1,121	L.F.	\$0.05	\$56.05	\$0.05	\$56.05
WATER							
72	638 8" PVC Waterline, AWWA C-909, PC 235	1,149	L.F.	\$67.00	\$76,983.00	\$70.00	\$80,430.00
73	638 8" PVC Waterline, AWWA C-909, PC 235 for Steel Cased Bore Installation	78	L.F.	\$68.00	\$5,304.00	\$30.00	\$2,340.00
74	638 Railroad Horizontal Steel Cased Jack & Bore for 8" PVC Waterline	78	L.F.	\$337.00	\$26,286.00	\$465.00	\$36,270.00
75	638 Fire Hydrant Assembly w/Watch Valve and Valve Box, Cathodic Protection, and 6" Conduit	5	EA.	\$5,300.00	\$26,500.00	\$5,450.00	\$27,250.00
76	638 Remove Existing Fire Hydrant and Salvage to Village for Re-use	2	EA	\$550.00	\$1,100.00	\$497.00	\$994.00
77	638 8" Gate Valve with Valve Box including Cathodic Protection	7	EA	\$2,500.00	\$17,500.00	\$1,400.00	\$9,800.00
78	638 Connection to Existing 8" Waterline at Mechanic Street including necessary Fittings and Cathodic Protection	1	EA.	\$1,650.00	\$1,650.00	\$2,785.00	\$2,785.00
79	638 Connection of Existing 8" Waterline at Railroad Street and Chestnut Street Waterline including necessary Cut-in Tee, Bends, Fittings, Reducers, Cathodic Protection, etc.	1	EA.	\$2,050.00	\$2,050.00	\$5,685.00	\$5,685.00
80	638 Connection to Existing 8" Waterline at Railroad Street and Oak Street Waterline including necessary Cut-in Tee, Bends, Fittings, Reducers, Cathodic Protection, etc.	1	EA.	\$2,050.00	\$2,050.00	\$5,685.00	\$5,685.00
81	638 8"x8"x8" Tee including Cathodic Protection	2	EA.	\$565.00	\$1,130.00	\$1,700.00	\$3,400.00
82	638 8"x45 Deg Horizontal Bend including Cathodic Protection	6	EA.	\$450.00	\$2,700.00	\$862.00	\$5,172.00
83	638 8"x22.5 Deg Horizontal Bend including Cathodic Protection	2	EA.	\$450.00	\$900.00	\$650.00	\$1,300.00
84	638 8"x11.25 Deg Horizontal Bend including Cathodic Protection	2	EA.	\$430.00	\$860.00	\$650.00	\$1,300.00
85	638 8"x11.25 Deg Vertical Bend including Cathodic Protection	2	EA.	\$430.00	\$860.00	\$650.00	\$1,300.00
86	638 8"x1" Service Tap w/Tapping Saddle, Corp Stop, Curb Valve and Valve Box	18	EA.	\$1,100.00	\$19,800.00	\$545.00	\$9,810.00
87	638 1" Type K Copper Service Line including Pavement/Drive/Sidewalk Sawcutting and Removal, Excavation, Bedding and Compacted Premium Backfill	495	L.F.	\$16.50	\$8,167.50	\$45.00	\$22,275.00
88	638 Tracer Wire and Warning Tape	1,644	L.F.	\$0.25	\$411.00	\$0.25	\$411.00
89	SPEC Exploratory Excavation, as directed by the Engineer, including any necessary compacted backfill and trench plating	8	HR.	\$400.00	\$3,200.00	\$265.00	\$2,120.00

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Karvo Companies
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Stow, Ohio 44224

Ref. No.	Description	Estimated Quantity	Unit	Unit Price	Total Price	Unit Price	Total Price		
CORRECTED BASE BID PRICE									
BASE BID PRICE AS SUBMITTED							\$1,067,124.06		
					\$907,079.40		\$1,068,154.29		
<u>ALTERNATE NO. 1 BID</u>									
A-1	638	Add or Deduct to Provide and Install 2 ~ 18" Cylindrical Reinforced Concrete Conduit In Lieu of 19"x30" Elliptical Reinforced Concrete Conduit for Storm Sewer from Sta 31+71 to Sta 34+38 including Clearing & Grubbing, Tree Removal, Excavation, Bedding, Compacted Earth Backfill, Storm Manhole Oversizing, Endwalls, Type D Rock Channel Protection, Topsoil, Seeding and Mulching		1	L.S.	\$19,700.00	\$19,700.00	\$10,000.00	\$10,000.00
BID BOND						YES		YES	

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S.E.T., Inc.
235 East Water Street
Lowellville, Ohio 44436

Liberta Construction
1001 Eastwood Avenue
Akron, Ohio 44305

Ref. No.	Description	Estimated Quantity	Unit	Unit Price	Total Price	Unit Price	Total Price
<u>BASE BID</u>							
PAVEMENT/ROADWAY							
1	Spec. Preconstruction Surface Video	1	L.S.	\$3,500.00	\$3,500.00	\$614.00	\$614.00
2	Spec. Mobilization	1	L.S.	\$55,000.00	\$55,000.00	\$12,000.00	\$12,000.00
3	Spec. Bid Bond	1	L.S.	\$12,500.00	\$12,500.00	\$30,000.00	\$30,000.00
4	201 Cleaning and Grubbing	1	L.S.	\$12,500.00	\$12,500.00	\$11,160.00	\$11,160.00
5	202 Trees & Stumps Removed (including trees removed for storm sewer)	1	L.S.	\$2,500.00	\$2,500.00	\$9,660.00	\$9,660.00
6	202 Existing Manhole, Catch Basin, Curb Inlet, or Yard Drain Removed	15	EA.	\$500.00	\$7,500.00	\$150.00	\$2,250.00
7	202 Existing Cistern Abandoned In Place	1	EA.	\$1,500.00	\$1,500.00	\$1,600.00	\$1,600.00
8	202 Existing Concrete Curb & Gutter Removed	107	L.F.	\$5.00	\$535.00	\$10.00	\$1,070.00
9	202 Existing Abandoned Gas Main and Service Lines Removed	1,145	L.F.	\$1.50	\$1,717.50	\$5.00	\$5,725.00
10	202 Existing Concrete or Asphalt Sidewalk Removed	2,850	S.F.	\$2.00	\$5,700.00	\$1.50	\$4,275.00
11	203 Embankment (Roadway)	36	C.Y.	\$20.00	\$720.00	\$14.00	\$504.00
12	203 Excavation (Roadway)	1,752	C.Y.	\$35.00	\$61,320.00	\$22.00	\$38,544.00
13	204 Subgrade Compaction and Proofroll	2,767	S.Y.	\$2.00	\$5,534.00	\$0.25	\$691.75
14	207 Sediment & Erosion Control/Stormwater Pollution Prevention Plan (SW3P)	1	L.S.	\$12,500.00	\$12,500.00	\$6,985.00	\$6,985.00
15	304 10" Compacted Aggregate Base (5" Lifts)	780	C.Y.	\$55.00	\$42,900.00	\$55.00	\$42,900.00
16	407 Non-Tracking Tack Coat @ 0.06 gal/sy	133	GAL.	\$5.00	\$665.00	\$2.75	\$365.75
17	411 Stabilized Berm	2.5	C.Y.	\$160.00	\$400.00	\$880.00	\$2,200.00
18	448 Asphalt Intermediate Course, PG64-22, Type 2, 2" Compacted Thickness	123	C.Y.	\$205.00	\$25,215.00	\$220.00	\$27,060.00
19	448 Asphalt Surface Course, Type PG64-22, Type 1, 1 1/2" Compacted Thickness	93	C.Y.	\$225.00	\$20,925.00	\$248.00	\$23,064.00
20	452 6" Thick Plain Portland Cement Concrete Drive - Class C, Including Existing Stone/Concrete/Asphalt Drive Removed, Excavation, Compacted Subgrade, 4" Compacted Base	489	S.Y.	\$65.00	\$31,785.00	\$54.00	\$26,406.00
21	605 4" Diameter Base Pipe Underdrain	1,633	L.F.	\$10.00	\$16,330.00	\$12.00	\$19,596.00
22	608 4" Thick Concrete Sidewalk Including Excavation, Subgrade Compaction, 4" Compacted Base	5,709	S.F.	\$6.00	\$34,254.00	\$5.00	\$28,545.00
23	608 ADA Sidewalk Curb Ramp	7	EA.	\$550.00	\$3,850.00	\$300.00	\$2,100.00
24	609 Type 2 Concrete Curb and Gutter, including Type 2 Modified	1,633	L.F.	\$17.00	\$27,761.00	\$20.00	\$32,660.00
25	Spec. Tensar BX1200 Geogrid, as directed by the Engineer	275	S.Y.	\$3.00	\$825.00	\$5.00	\$1,375.00
26	614 Maintaining Traffic	1	L.S.	\$45,000.00	\$45,000.00	\$6,000.00	\$6,000.00
27	641/644 Pavement Marking - Stop Line	52	L.F.	\$8.00	\$416.00	\$6.50	\$338.00
28	641/644 Pavement Marking Removed - Cross Walk	141	L.F.	\$17.00	\$2,397.00	\$4.50	\$634.50
29	641/644 Pavement Marking - Cross Walk	282	L.F.	\$4.00	\$1,128.00	\$3.50	\$987.00
30	641/644 Pavement Marking - Railroad Grade Crossing	2	EA.	\$625.00	\$1,250.00	\$650.00	\$1,300.00

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32	630 Sign, Flat Sheet - ALL WAY R1-3P-18	4	EA.	\$65.00	\$260.00	\$27.00	\$108.00
33	630 Sign, Flat Sheet - RXR W10-1-30	2	EA.	\$120.00	\$240.00	\$110.00	\$220.00
34	630 Sign, Flat Sheet - OAK STREET D3-H3-24	2	EA.	\$90.00	\$180.00	\$77.00	\$154.00
35	630 Sign, Flat Sheet - RAILROAD ST D3-H3-24	2	EA.	\$105.00	\$210.00	\$77.00	\$154.00
36	630 Sign, Flat Sheet - DEAD END W14-1-24	1	EA.	\$150.00	\$150.00	\$77.00	\$77.00
37	630 Ground Mounted Support No. 2 Post	135	FT.	\$7.00	\$945.00	\$9.00	\$1,215.00
38	630 Remove and Relocate Existing Sign and Post	3	EA.	\$100.00	\$300.00	\$330.00	\$990.00
39	Spec. Yard Regrading at Res #949 Oak Street including Excavation, Embankment, 4" Screened Topsoil, Hydro-Seeding and Hydro-Mulching	1	L.S.	\$3,850.00	\$3,850.00	\$6,600.00	\$6,600.00
40	659 Hydro-Seeding and Hydro-Mulching, including Topsoil Stockpiling, Topsoil Placing, and Furnishing Topsoil as necessary (4" screened topsoil to be placed/provided prior to seeding and mulching)	1	L.S.	\$10,500.00	\$10,500.00	\$38,600.00	\$38,600.00
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44	603 15" Storm Sewer, Type B	29	L.F.	\$105.00	\$3,045.00	\$106.00	\$3,074.00
45	603 15" Storm Sewer for Horizontal Steel Cased Jack & Bore	84	L.F.	\$40.00	\$3,360.00	\$85.00	\$7,140.00
46	638 Railroad Horizontal Steel Cased Jack & Bore for 15" Storm Sewer	84	L.F.	\$320.00	\$26,880.00	\$700.00	\$58,800.00
47	603 12" Storm Sewer, Type B	800	L.F.	\$105.00	\$84,000.00	\$73.00	\$58,400.00
48	603 6" Storm Service Lateral PVC or HDPE	320	L.F.	\$65.00	\$20,800.00	\$51.00	\$16,320.00
49	603 6" Storm Service Lateral AWWA C900 DR25	73	L.F.	\$60.00	\$4,380.00	\$56.00	\$4,088.00
50	603 6" Storm Service Lateral Connections or End Cap	16	EA.	\$200.00	\$3,200.00	\$100.00	\$1,600.00
51	601 Type D Rock Channel Protection	1	C.Y.	\$240.00	\$240.00	\$120.00	\$120.00
52	604 Storm Manhole with Frame & Cover or Grate	5	EA.	\$1,950.00	\$9,750.00	\$2,000.00	\$10,000.00
53	604 Curb Inlet with Frame & Grate	11	EA.	\$2,250.00	\$24,750.00	\$1,800.00	\$19,800.00
54	604 Catch Basin with Grate	1	EA.	\$1,200.00	\$1,200.00	\$800.00	\$800.00
55	604 Yard Drain with Grate	1	EA.	\$1,200.00	\$1,200.00	\$930.00	\$930.00
56	604 Driveway Trench Drain with Grate, 2~7' Sections including Connection to Proposed Storm Sewer	14	L.F.	\$125.00	\$1,750.00	\$717.00	\$10,038.00
57	604 Endwall for 19"x30" Elliptical Concrete Pipe	1	EA.	\$750.00	\$750.00	\$972.00	\$972.00
58	Spec. Warning Tape	1,810	L.F.	\$0.50	\$905.00	\$0.10	\$181.00
SANITARY							
59	603 Under 12" Conduit Repair	200	L.F.	\$7.00	\$1,400.00	\$100.00	\$20,000.00

Bid Tabulation

Oak Street Improvements**Village of Grafton, Ohio**

Job Number: 217000-00299

Bids Received: Wednesday, August 29, 2018 at 12:00 PM

Engineer's Opinion of Probable Cost: \$993,990

Poggemeyer Design Group, Inc.

1168 North Main Street

Bowling Green, Ohio 43402

S.E.T., Inc.

235 East Water Street

Lowellville, Ohio 44436

Liberta Construction

1001 Eastwood Avenue

Akron, Ohio 44305

Ref. No.	Description	Estimated Quantity	Unit	Unit Price	Total Price	Unit Price	Total Price
60	603 8" Conduit, Type B, PVC SDR 35	658	L.F.	\$115.00	\$75,670.00	\$164.00	\$107,912.00
61	638 8" PVC Conduit for Horizontal Steel Cased Jack & Bore	57	L.F.	\$30.00	\$1,710.00	\$52.00	\$2,964.00
62	638 Railroad Horizontal Steel Cased Jack & Bore for 8" PVC Sanitary Sewer	57	L.F.	\$275.00	\$15,675.00	\$738.00	\$42,066.00
63	603 6" Sanitary Service PVC SDR 35	310	L.F.	\$95.00	\$29,450.00	\$135.00	\$41,850.00
64	603 6" Sanitary Service AWWA C900 DR 25	124	L.F.	\$100.00	\$12,400.00	\$140.00	\$17,360.00
65	603 6" Sanitary Service Lateral Connections	16	EA.	\$225.00	\$3,600.00	\$43.00	\$688.00
66	604 Sanitary Manhole Type 3 with Frame & Cover	5	EA.	\$2,550.00	\$12,750.00	\$3,600.00	\$18,000.00
67	604 Existing Sanitary Manhole Re-lining	1	EA.	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00
68	604 Existing Sanitary Manhole Top Adjusted to Grade with New Frame & Cover	1	EA.	\$950.00	\$950.00	\$1,000.00	\$1,000.00
69	604 Existing Sewer Connection to Proposed Manhole	3	EA.	\$500.00	\$1,500.00	\$885.00	\$2,655.00
70	604 Proposed Sewer Connection to Existing Manhole	1	EA.	\$1,200.00	\$1,200.00	\$1,160.00	\$1,160.00
71	604 Warning Tape	1,121	L.F.	\$0.50	\$560.50	\$0.10	\$112.10
WATER							
72	638 8" PVC Waterline, AWWA C-909, PC 235	1,149	L.F.	\$82.00	\$94,218.00	\$71.00	\$81,579.00
73	638 8" PVC Waterline, AWWA C-909, PC 235 for Steel Cased Bore Installation	78	L.F.	\$30.00	\$2,340.00	\$44.00	\$3,432.00
74	638 Railroad Horizontal Steel Cased Jack & Bore for 8" PVC Waterline	78	L.F.	\$275.00	\$21,450.00	\$562.00	\$43,836.00
75	638 Fire Hydrant Assembly w/Watch Valve and Valve Box, Cathodic Protection, and 6" Conduit	5	EA.	\$4,750.00	\$23,750.00	\$6,317.00	\$31,585.00
76	638 Remove Existing Fire Hydrant and Salvage to Village for Re-use	2	EA	\$1,200.00	\$2,400.00	\$500.00	\$1,000.00
77	638 8" Gate Valve with Valve Box including Cathodic Protection	7	EA	\$2,000.00	\$14,000.00	\$1,536.00	\$10,752.00
78	638 Connection to Existing 8" Waterline at Mechanic Street including necessary Fittings and Cathodic Protection	1	EA.	\$650.00	\$650.00	\$4,970.00	\$4,970.00
79	638 Connection of Existing 8" Waterline at Railroad Street and Chestnut Street Waterline including necessary Cut-in Tee, Bends, Fittings, Reducers, Cathodic Protection, etc.	1	EA.	\$3,500.00	\$3,500.00	\$5,150.00	\$5,150.00
80	638 Connection to Existing 8" Waterline at Railroad Street and Oak Street Waterline including necessary Cut-in Tee, Bends, Fittings, Reducers, Cathodic Protection, etc.	1	EA.	\$3,500.00	\$3,500.00	\$6,010.00	\$6,010.00
81	638 8"x8"x8" Tee including Cathodic Protection	2	EA.	\$1,250.00	\$2,500.00	\$885.00	\$1,770.00
82	638 8"x45 Deg Horizontal Bend including Cathodic Protection	6	EA.	\$1,150.00	\$6,900.00	\$628.00	\$3,768.00
83	638 8"x22.5 Deg Horizontal Bend including Cathodic Protection	2	EA.	\$1,000.00	\$2,000.00	\$623.00	\$1,246.00
84	638 8"x11.25 Deg Horizontal Bend including Cathodic Protection	2	EA.	\$1,000.00	\$2,000.00	\$613.00	\$1,226.00
85	638 8"x11.25 Deg Vertical Bend including Cathodic Protection	2	EA.	\$1,250.00	\$2,500.00	\$613.00	\$1,226.00
86	638 8"x1" Service Tap w/Tapping Saddle, Corp Stop, Curb Valve and Valve Box	18	EA.	\$700.00	\$12,600.00	\$497.00	\$8,946.00
87	638 1" Type K Copper Service Line including Pavement/Drive/Sidewalk Sawcutting and Removal, Excavation, Bedding and Compacted Premium Backfill	495	L.F.	\$40.00	\$19,800.00	\$90.00	\$44,550.00
88	638 Tracer Wire and Warning Tape	1,644	L.F.	\$1.50	\$2,466.00	\$0.50	\$822.00
89	SPEC Exploratory Excavation, as directed by the Engineer, including any necessary compacted backfill and trench plating	8	HR.	\$180.00	\$1,440.00	\$400.00	\$3,200.00

Bid Tabulation

Oak Street Improvements

Village of Grafton, Ohio

Job Number: 217000-00299

Bids Received: Wednesday, August 29, 2018 at 12:00 PM

Engineer's Opinion of Probable Cost: \$993,990

Poggemeyer Design Group, Inc.
1168 North Main Street
Bowling Green, Ohio 43402

S.E.T., Inc.
235 East Water Street
Lowellville, Ohio 44436

Liberta Construction
1001 Eastwood Avenue
Akron, Ohio 44305

Ref. No.	Description	Estimated Quantity	Unit	Unit Price	Total Price	Unit Price	Total Price			
CORRECTED BASE BID PRICE										
BASE BID PRICE AS SUBMITTED										
					\$1,094,058.00		\$1,167,964.10			
<u>ALTERNATE NO. 1 BID</u>										
A-1	638	Add or Deduct to Provide and Install 2 ~ 18" Cylindrical Reinforced Concrete Conduit In Lieu of 19"x30" Elliptical Reinforced Concrete Conduit for Storm Sewer from Sta 31+71 to Sta 34+38 including Clearing & Grubbing, Tree Removal, Excavation, Bedding, Compacted Earth Backfill, Storm Manhole Oversizing, Endwalls, Type D Rock Channel Protection, Topsoil, Seeding and Mulching			1	L.S.	\$3,000.00	\$3,000.00	\$5,000.00	\$5,000.00
BID BOND								YES		YES

Bid Tabulation

Oak Street Improvements**Village of Grafton, Ohio**

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Poggemeyer Design Group, Inc.

1168 North Main Street

Bowling Green, Ohio 43402

Ref. No.	Description	Estimated Quantity	Unit	Average Unit Price
<u>BASE BID</u>				
PAVEMENT/ROADWAY				
1	Spec. Preconstruction Surface Video	1	L.S.	\$1,418.00
2	Spec. Mobilization	1	L.S.	\$29,750.00
3	Spec. Bid Bond	1	L.S.	\$14,625.00
4	201 Cleaning and Grubbing	1	L.S.	\$9,140.00
5	202 Trees & Stumps Removed (including trees removed for storm sewer)	1	L.S.	\$10,165.00
6	202 Existing Manhole, Catch Basin, Curb Inlet, or Yard Drain Removed	15	EA.	\$447.50
7	202 Existing Cistern Abandoned In Place	1	EA.	\$1,733.75
8	202 Existing Concrete Curb & Gutter Removed	107	L.F.	\$6.75
9	202 Existing Abandoned Gas Main and Service Lines Removed	1,145	L.F.	\$2.38
10	202 Existing Concrete or Asphalt Sidewalk Removed	2,850	S.F.	\$1.75
11	203 Embankment (Roadway)	36	C.Y.	\$19.21
12	203 Excavation (Roadway)	1,752	C.Y.	\$22.79
13	204 Subgrade Compaction and Proofroll	2,767	S.Y.	\$1.19
14	207 Sediment & Erosion Control/Stormwater Pollution Prevention Plan (SW3P)	1	L.S.	\$10,496.25
15	304 10" Compacted Aggregate Base (5" Lifts)	780	C.Y.	\$52.13
16	407 Non-Tracking Tack Coat @ 0.06 gal/sy	133	GAL.	\$3.94
17	411 Stabilized Berm	2.5	C.Y.	\$333.75
18	448 Asphalt Intermediate Course, PG64-22, Type 2, 2" Compacted Thickness	123	C.Y.	\$195.50
19	448 Asphalt Surface Course, Type PG64-22, Type 1, 1 1/2" Compacted Thickness	93	C.Y.	\$227.75
20	452 6" Thick Plain Portland Cement Concrete Drive - Class C, Including Existing Stone/Concrete/Asphalt Drive Removed, Excavation, Compacted Subgrade, 4" Compacted Base	489	S.Y.	\$61.50
21	605 4" Diameter Base Pipe Underdrain	1,633	L.F.	\$11.06
22	608 4" Thick Concrete Sidewalk Including Excavation, Subgrade Compaction, 4" Compacted Base	5,709	S.F.	\$5.19
23	608 ADA Sidewalk Curb Ramp	7	EA.	\$537.50
24	609 Type 2 Concrete Curb and Gutter, including Type 2 Modified	1,633	L.F.	\$19.13
25	Spec. Tensar BX1200 Geogrid, as directed by the Engineer	275	S.Y.	\$3.81
26	614 Maintaining Traffic	1	L.S.	\$18,800.00
27	641/644 Pavement Marking - Stop Line	52	L.F.	\$7.08
28	641/644 Pavement Marking Removed - Cross Walk	141	L.F.	\$10.46
29	641/644 Pavement Marking - Cross Walk	282	L.F.	\$3.66
30	641/644 Pavement Marking - Railroad Grade Crossing	2	EA.	\$626.25

Bid Tabulation

Oak Street Improvements**Village of Grafton, Ohio**

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Poggemeyer Design Group, Inc.

1168 North Main Street

Bowling Green, Ohio 43402

Ref. No.	Description	Estimated Quantity	Unit	Average Unit Price
31	630 Sign, Flat Sheet - STOP SIGN R1-1-30	4	EA.	\$112.91
32	630 Sign, Flat Sheet - ALL WAY R1-3P-18	4	EA.	\$44.34
33	630 Sign, Flat Sheet - RXR W10-1-30	2	EA.	\$112.91
34	630 Sign, Flat Sheet - OAK STREET D3-H3-24	2	EA.	\$80.80
35	630 Sign, Flat Sheet - RAILROAD ST D3-H3-24	2	EA.	\$87.81
36	630 Sign, Flat Sheet - DEAD END W14-1-24	1	EA.	\$110.16
37	630 Ground Mounted Support No. 2 Post	135	FT.	\$7.71
38	630 Remove and Relocate Existing Sign and Post	3	EA.	\$210.14
39	Spec. Yard Regrading at Res #949 Oak Street including Excavation, Embankment, 4" Screened Topsoil, Hydro-Seeding and Hydro-Mulching	1	L.S.	\$5,187.50
40	659 Hydro-Seeding and Hydro-Mulching, including Topsoil Stockpiling, Topsoil Placing, and Furnishing Topsoil as necessary (4" screened topsoil to be placed/provided prior to seeding and mulching)	1	L.S.	\$22,125.00
STORM / DRAINAGE				
41	603 19"x30" Storm Sewer, Reinforced Concrete, Type C	267	L.F.	\$123.75
42	603 24" Storm Sewer, Type B	148	L.F.	\$101.00
43	603 18" Storm Sewer, Type B	189	L.F.	\$93.50
44	603 15" Storm Sewer, Type B	29	L.F.	\$74.50
45	603 15" Storm Sewer for Horizontal Steel Cased Jack & Bore	84	L.F.	\$58.25
46	638 Railroad Horizontal Steel Cased Jack & Bore for 15" Storm Sewer	84	L.F.	\$499.50
47	603 12" Storm Sewer, Type B	800	L.F.	\$75.75
48	603 6" Storm Service Lateral PVC or HDPE	320	L.F.	\$52.75
49	603 6" Storm Service Lateral AWWA C900 DR25	73	L.F.	\$69.00
50	603 6" Storm Service Lateral Connections or End Cap	16	EA.	\$380.00
51	601 Type D Rock Channel Protection	1	C.Y.	\$275.50
52	604 Storm Manhole with Frame & Cover or Grate	5	EA.	\$2,323.75
53	604 Curb Inlet with Frame & Grate	11	EA.	\$2,006.25
54	604 Catch Basin with Grate	1	EA.	\$1,056.25
55	604 Yard Drain with Grate	1	EA.	\$1,102.50
56	604 Driveway Trench Drain with Grate, 2~7' Sections including Connection to Proposed Storm Sewer	14	L.F.	\$272.00
57	604 Endwall for 19"x30" Elliptical Concrete Pipe	1	EA.	\$968.00
58	Spec. Warning Tape	1,810	L.F.	\$0.18
SANITARY				
59	603 Under 12" Conduit Repair	200	L.F.	\$40.50

Bid Tabulation

Oak Street Improvements**Village of Grafton, Ohio**

Job Number: 217000-00299

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Poggemeyer Design Group, Inc.

1168 North Main Street

Bowling Green, Ohio 43402

Ref. No.	Description	Estimated Quantity	Unit	Average Unit Price
60	603 8" Conduit, Type B, PVC SDR 35	658	L.F.	\$128.00
61	638 8" PVC Conduit for Horizontal Steel Cased Jack & Bore	57	L.F.	\$45.75
62	638 Railroad Horizontal Steel Cased Jack & Bore for 8" PVC Sanitary Sewer	57	L.F.	\$499.50
63	603 6" Sanitary Service PVC SDR 35	310	L.F.	\$100.00
64	603 6" Sanitary Service AWWA C900 DR 25	124	L.F.	\$104.50
65	603 6" Sanitary Service Lateral Connections	16	EA.	\$468.25
66	604 Sanitary Manhole Type 3 with Frame & Cover	5	EA.	\$3,650.00
67	604 Existing Sanitary Manhole Re-lining	1	EA.	\$4,037.50
68	604 Existing Sanitary Manhole Top Adjusted to Grade with New Frame & Cover	1	EA.	\$1,025.00
69	604 Existing Sewer Connection to Proposed Manhole	3	EA.	\$670.00
70	604 Proposed Sewer Connection to Existing Manhole	1	EA.	\$1,361.25
71	604 Warning Tape	1,121	L.F.	\$0.18
WATER				
72	638 8" PVC Waterline, AWWA C-909, PC 235	1,149	L.F.	\$72.50
73	638 8" PVC Waterline, AWWA C-909, PC 235 for Steel Cased Bore Installation	78	L.F.	\$43.00
74	638 Railroad Horizontal Steel Cased Jack & Bore for 8" PVC Waterline	78	L.F.	\$409.75
75	638 Fire Hydrant Assembly w/Watch Valve and Valve Box, Cathodic Protection, and 6" Conduit	5	EA.	\$5,454.25
76	638 Remove Existing Fire Hydrant and Salvage to Village for Re-use	2	EA	\$686.75
77	638 8" Gate Valve with Valve Box including Cathodic Protection	7	EA	\$1,859.00
78	638 Connection to Existing 8" Waterline at Mechanic Street including necessary Fittings and Cathodic Protection	1	EA.	\$2,513.75
79	638 Connection of Existing 8" Waterline at Railroad Street and Chestnut Street Waterline including necessary Cut-in Tee, Bends, Fittings, Reducers, Cathodic Protection, etc.	1	EA.	\$4,096.25
80	638 Connection to Existing 8" Waterline at Railroad Street and Oak Street Waterline including necessary Cut-in Tee, Bends, Fittings, Reducers, Cathodic Protection, etc.	1	EA.	\$4,311.25
81	638 8"x8"x8" Tee including Cathodic Protection	2	EA.	\$1,100.00
82	638 8"x45 Deg Horizontal Bend including Cathodic Protection	6	EA.	\$772.50
83	638 8"x22.5 Deg Horizontal Bend including Cathodic Protection	2	EA.	\$680.75
84	638 8"x11.25 Deg Horizontal Bend including Cathodic Protection	2	EA.	\$673.25
85	638 8"x11.25 Deg Vertical Bend including Cathodic Protection	2	EA.	\$735.75
86	638 8"x1" Service Tap w/Tapping Saddle, Corp Stop, Curb Valve and Valve Box	18	EA.	\$710.50
87	638 1" Type K Copper Service Line including Pavement/Drive/Sidewalk Sawcutting and Removal, Excavation, Bedding and Compacted Premium Backfill	495	L.F.	\$47.88
88	638 Tracer Wire and Warning Tape	1,644	L.F.	\$0.63
89	SPEC Exploratory Excavation, as directed by the Engineer, including any necessary compacted backfill and trench plating	8	HR.	\$311.25

Bid Tabulation

Oak Street Improvements

Village of Grafton, Ohio

Job Number: 217000-00299

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Bowling Green, Ohio 43402

Ref. No.	Description	Estimated Quantity	Unit	Average Unit Price
CORRECTED BASE BID PRICE				
BASE BID PRICE AS SUBMITTED				
<u>ALTERNATE NO. 1 BID</u>				
A-1	638			
	Add or Deduct to Provide and Install 2 ~ 18" Cylindrical Reinforced Concrete Conduit In Lieu of 19"x30" Elliptical Reinforced Concrete Conduit for Storm Sewer from Sta 31+71 to Sta 34+38 including Clearing & Grubbing, Tree Removal, Excavation, Bedding, Compacted Earth Backfill, Storm Manhole Oversizing, Endwalls, Type D Rock Channel Protection, Topsoil, Seeding and Mulching	1	L.S.	\$9,425.00
BID BOND				