

**ORD #XXXX-2017, DIVISION OF SEWERS & DRAINS, STORMWATER  
WINDSOR AVE STORM SEWER SYSTEM IMPROVEMENTS  
CONTRACT NO. XXXX, C.I.P. NO. 611034-100000  
BID TABULATION, OPENED 3/14/2018**

Ref. #	Item #	Description	Qty	Units	Engineer's Estimate		Complete General Construction			Danbert, Inc.		
					Unit Price	Extension	Materials	Labor	Extension	Materials	Labor	Extension
1	201	Clearing and Grubbing	1	LS		\$5,000.00	\$5,700.00	\$3,800.00	\$9,500.00	\$0.00	\$1.00	\$1.00
2	202	Catch Basin Removed	7	EA		\$4,200.00	\$285.00	\$190.00	\$3,325.00	\$0.00	\$168.00	\$1,176.00
3	202	12" Pipe Removed	891	LF		\$22,275.00	\$5.40	\$3.60	\$8,019.00	\$0.00	\$9.25	\$8,241.75
4	202	24" Pipe Removed	146	LF		\$4,380.00	\$6.00	\$4.00	\$1,460.00	\$0.00	\$8.05	\$1,175.30
5	202	12" Pipe Abandoned In Place	107	LF		\$3,745.00	\$8.40	\$5.60	\$1,498.00	\$10.00	\$7.00	\$1,819.00
6	SPEC	Excavation of Contaminated Soil	1,050	CY		\$63,000.00	\$54.60	\$36.40	\$95,550.00	\$0.00	\$76.00	\$79,800.00
7	207	Inlet Protections	11	EA		\$1,540.00	\$69.00	\$46.00	\$1,265.00	\$77.00	\$100.00	\$1,947.00
8	259	Permanent Pavement Replacement with Heat Weld, Per 1441 Type 1	25	CY		\$18,750.00	\$420.00	\$280.00	\$17,500.00	\$192.00	\$400.00	\$14,800.00
9	604	Catch Basin, Type AA-S133A w/AA-S141 Frame and Grate	6	EA		\$10,800.00	\$1,086.00	\$724.00	\$10,860.00	\$1,031.00	\$1,000.00	\$12,186.00
10	604	Catch Basin, Type AA-S133B w/AA-S141 Frame and Grate	1	EA		\$2,000.00	\$1,845.60	\$1,230.40	\$3,076.00	\$1,676.00	\$1,000.00	\$2,676.00
11	604	Manhole, Type AA-S102 w/AA-S112 Cover	1	EA		\$4,000.00	\$2,250.00	\$1,500.00	\$3,750.00	\$1,641.00	\$1,000.00	\$2,641.00
12	614	Maintaining Traffic	1	LS		\$10,000.00	\$7,800.00	\$5,200.00	\$13,000.00	\$0.00	\$8,401.00	\$8,401.00
13	616	Water (Dust Control)	1	M GAL		\$125.00	\$81.00	\$54.00	\$135.00	\$97.00	\$100.00	\$197.00
14	616	Calcium Chloride	1	TON		\$600.00	\$408.00	\$272.00	\$340.00	\$500.00	\$48.00	\$274.00
15	623	Construction Layout Stakes	1	LS		\$5,000.00	\$1,200.00	\$800.00	\$2,000.00	\$247.00	\$2,000.00	\$2,247.00
16	624	Mobilization	1	LS		\$20,000.00	\$6,000.00	\$4,000.00	\$10,000.00	\$0.00	\$4,603.00	\$4,603.00
17	259	Seeding and Mulching	400	SY		\$2,000.00	\$1.80	\$1.20	\$1,200.00	\$0.25	\$2.00	\$900.00
18	807	Valve Boxes Adjusted to Grade	3	EA		\$1,050.00	\$147.60	\$98.40	\$738.00	\$40.00	\$400.00	\$1,320.00
19	809	Fire Hydrant, Relocated	3	EA		\$30,000.00	\$814.80	\$543.20	\$4,074.00	\$1,028.00	\$3,000.00	\$12,084.00
20	901	15" Sanitary Sewer Pipe, Type 1 Bedding with 912 Compacted Granular Backfill	891	LF		\$133,650.00	\$61.80	\$41.20	\$91,773.00	\$100.00	\$27.00	\$113,157.00
21	901	36" Sanitary Sewer Pipe, Type 1 Bedding with 912 Compacted Granular Backfill	146	LF		\$48,180.00	\$120.00	\$80.00	\$29,200.00	\$170.00	\$50.00	\$32,120.00
22	911	Compacted Backfill	420	CY		\$14,700.00	\$7.20	\$4.80	\$5,040.00	\$14.00	\$14.00	\$11,760.00
23	912	Compacted Granular Backfill	420	CY		\$21,000.00	\$15.60	\$10.40	\$10,920.00	\$26.00	\$20.00	\$19,320.00
24	SPEC	Trench Dam	1	EA		\$50.00	\$180.00	\$120.00	\$300.00	\$34.00	\$600.00	\$634.00
25	SS-6	Chemical Grouting	50	GAL		\$3,750.00	\$48.00	\$32.00	\$4,000.00	\$25.00	\$30.00	\$2,750.00
26	SS-7	Cementitious Grouting	10	CF		\$5,500.00	\$60.00	\$40.00	\$1,000.00	\$25.00	\$30.00	\$550.00
27	SS-10	Manhole Rehabilitation	36	VF		\$14,400.00	\$195.00	\$130.00	\$11,700.00	\$103.00	\$100.00	\$7,308.00
28	SS-10	Frame / Cover Replacement and Concrete Collar	1	EA		\$1,500.00	\$960.00	\$640.00	\$1,600.00	\$304.00	\$1,000.00	\$1,304.00
29	SS-10	Chimney Seal	1	EA		\$2,500.00	\$159.60	\$106.40	\$266.00	\$148.00	\$400.00	\$548.00

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BID TABULATION, OPENED 3/14/2018**

					Engineer's Estimate		Complete General Construction			Danbert, Inc.		
Ref. #	Item #	Description	Qty	Units	Unit Price	Extension	Materials	Labor	Extension	Materials	Labor	Extension
30	SS-12	27" CIPP Liner, 9.0 mm Thickness	89	LF		\$17,355.00	\$132.00	\$88.00	\$19,580.00	\$41.00	\$200.00	\$21,449.00
31	SS-12	30" CIPP Liner, 9.0 mm Thickness	327	LF		\$70,305.00	\$135.00	\$90.00	\$73,575.00	\$47.00	\$200.00	\$80,769.00
32	SS-12	27" CIPP, 1.5 mm Incremental Wall Thickness Increase or Decrease	89	LF		\$2,136.00	\$1.80	\$1.20	\$267.00	\$0.30	\$3.00	\$293.70
33	SS-12	30" CIPP, 1.5 mm Incremental Wall Thickness Increase or Decrease	327	LF		\$8,502.00	\$2.40	\$1.60	\$1,308.00	\$0.40	\$4.00	\$1,438.80
34	SS-27	Project Identification Signs	1	LS		\$1,500.00	\$342.00	\$228.00	\$570.00	\$1,657.00	\$3,000.00	\$4,657.00
35	SPEC	Water Survey Coordinates	1	LS		\$2,500.00	\$2,520.00	\$1,680.00	\$4,200.00	\$0.00	\$341.00	\$341.00
36	SPEC	Contingency (0.20 x Sum of Items 1 through 35)	1	LS		\$111,198.60			\$88,517.80			\$90,977.71
<b>GRAND TOTAL:</b>						<b>\$667,191.60</b>	<b>\$531,106.80</b>			<b>\$545,866.26</b>		
% DIFFERENCE FROM ENGINEER'S ESTIMATE							-26%			-22%		
% DIFFERENCE WITHIN LOWEST BIDDER							0			3%		
Addendum Ackldgmt. Completed?							yes			yes		

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WINDSOR AVE STORM SEWER SYSTEM IMPROVEMENTS  
CONTRACT NO. XXXX, C.I.P. NO. 611034-100000  
BID TABULATION, OPENED 3/14/2018**

Ref. #	Item #	Description	Qty	Units	Engineer's Estimate		Conie Construction Co.			George J. Igel & Co., Inc.		
					Unit Price	Extension	Materials	Labor	Extension	Materials	Labor	Extension
1	201	Clearing and Grubbing	1	LS		\$5,000.00	\$0.00	\$3,000.00	\$3,000.00	\$0.00	\$1,000.00	\$1,000.00
2	202	Catch Basin Removed	7	EA		\$4,200.00	\$10.00	\$150.00	\$1,120.00	\$0.00	\$800.00	\$5,600.00
3	202	12" Pipe Removed	891	LF		\$22,275.00	\$2.00	\$18.00	\$17,820.00	\$0.00	\$10.00	\$8,910.00
4	202	24" Pipe Removed	146	LF		\$4,380.00	\$2.00	\$18.00	\$2,920.00	\$0.00	\$11.00	\$1,606.00
5	202	12" Pipe Abandoned In Place	107	LF		\$3,745.00	\$4.00	\$16.00	\$2,140.00	\$6.00	\$11.00	\$1,819.00
6	SPEC	Excavation of Contaminated Soil	1,050	CY		\$63,000.00	\$0.00	\$26.00	\$27,300.00	\$0.00	\$5.00	\$5,250.00
7	207	Inlet Protections	11	EA		\$1,540.00	\$30.00	\$120.00	\$1,650.00	\$50.00	\$75.00	\$1,375.00
8	259	Permanent Pavement Replacement with Heat Weld, Per 1441 Type 1	25	CY		\$18,750.00	\$200.00	\$400.00	\$15,000.00	\$200.00	\$500.00	\$17,500.00
9	604	Catch Basin, Type AA-S133A w/AA-S141 Frame and Grate	6	EA		\$10,800.00	\$1,000.00	\$1,500.00	\$15,000.00	\$1,000.00	\$1,500.00	\$15,000.00
10	604	Catch Basin, Type AA-S133B w/AA-S141 Frame and Grate	1	EA		\$2,000.00	\$2,500.00	\$3,000.00	\$5,500.00	\$1,500.00	\$2,000.00	\$3,500.00
11	604	Manhole, Type AA-S102 w/AA-S112 Cover	1	EA		\$4,000.00	\$1,500.00	\$1,500.00	\$3,000.00	\$900.00	\$2,000.00	\$2,900.00
12	614	Maintaining Traffic	1	LS		\$10,000.00	\$0.00	\$10,000.00	\$10,000.00	\$2,000.00	\$28,000.00	\$30,000.00
13	616	Water (Dust Control)	1	M GAL		\$125.00	\$25.00	\$75.00	\$100.00	\$10.00	\$90.00	\$100.00
14	616	Calcium Chloride	1	TON		\$600.00	\$2,500.00	\$1,300.00	\$1,900.00	\$150.00	\$150.00	\$150.00
15	623	Construction Layout Stakes	1	LS		\$5,000.00	\$0.00	\$2,000.00	\$2,000.00	\$1,500.00	\$6,000.00	\$7,500.00
16	624	Mobilization	1	LS		\$20,000.00	\$0.00	\$10,000.00	\$10,000.00	\$0.00	\$30,000.00	\$30,000.00
17	259	Seeding and Mulching	400	SY		\$2,000.00	\$10.00	\$10.00	\$8,000.00	\$5.00	\$15.00	\$8,000.00
18	807	Valve Boxes Adjusted to Grade	3	EA		\$1,050.00	\$25.00	\$275.00	\$900.00	\$150.00	\$600.00	\$2,250.00
19	809	Fire Hydrant, Relocated	3	EA		\$30,000.00	\$200.00	\$2,800.00	\$9,000.00	\$1,500.00	\$2,000.00	\$10,500.00
20	901	15" Sanitary Sewer Pipe, Type 1 Bedding with 912 Compacted Granular Backfill	891	LF		\$133,650.00	\$45.00	\$145.00	\$169,290.00	\$82.00	\$100.00	\$162,162.00
21	901	36" Sanitary Sewer Pipe, Type 1 Bedding with 912 Compacted Granular Backfill	146	LF		\$48,180.00	\$140.00	\$200.00	\$49,640.00	\$120.00	\$200.00	\$46,720.00
22	911	Compacted Backfill	420	CY		\$14,700.00	\$0.00	\$25.00	\$10,500.00	\$10.00	\$40.00	\$21,000.00
23	912	Compacted Granular Backfill	420	CY		\$21,000.00	\$20.00	\$25.00	\$18,900.00	\$30.00	\$40.00	\$29,400.00
24	SPEC	Trench Dam	1	EA		\$50.00	\$200.00	\$1,000.00	\$1,200.00	\$200.00	\$1,400.00	\$1,600.00
25	SS-6	Chemical Grouting	50	GAL		\$3,750.00	\$25.00	\$25.00	\$2,500.00	\$25.00	\$30.00	\$2,750.00
26	SS-7	Cementitious Grouting	10	CF		\$5,500.00	\$25.00	\$25.00	\$500.00	\$25.00	\$30.00	\$550.00
27	SS-10	Manhole Rehabilitation	36	VF		\$14,400.00	\$90.00	\$95.00	\$6,660.00	\$100.00	\$120.00	\$7,920.00
28	SS-10	Frame / Cover Replacement and Concrete Collar	1	EA		\$1,500.00	\$650.00	\$1,250.00	\$1,900.00	\$350.00	\$650.00	\$1,000.00
29	SS-10	Chimney Seal	1	EA		\$2,500.00	\$380.00	\$400.00	\$780.00	\$200.00	\$350.00	\$550.00

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					Engineer's Estimate		Conie Construction Co.			George J. Igel & Co., Inc.		
Ref. #	Item #	Description	Qty	Units	Unit Price	Extension	Materials	Labor	Extension	Materials	Labor	Extension
30	SS-12	27" CIPP Liner, 9.0 mm Thickness	89	LF		\$17,355.00	\$110.00	\$110.00	\$19,580.00	\$120.00	\$120.00	\$21,360.00
31	SS-12	30" CIPP Liner, 9.0 mm Thickness	327	LF		\$70,305.00	\$115.00	\$110.00	\$73,575.00	\$125.00	\$120.00	\$80,115.00
32	SS-12	27" CIPP, 1.5 mm Incremental Wall Thickness Increase or Decrease	89	LF		\$2,136.00	\$2.00	\$1.00	\$267.00	\$3.50	\$0.00	\$311.50
33	SS-12	30" CIPP, 1.5 mm Incremental Wall Thickness Increase or Decrease	327	LF		\$8,502.00	\$3.00	\$1.00	\$1,308.00	\$4.50	\$0.00	\$1,471.50
34	SS-27	Project Identification Signs	1	LS		\$1,500.00	\$500.00	\$1,000.00	\$1,500.00	\$3,700.00	\$1,000.00	\$4,700.00
35	SPEC	Water Survey Coordinates	1	LS		\$2,500.00	\$0.00	\$500.00	\$500.00	\$2,250.00	\$250.00	\$2,500.00
36	SPEC	Contingency (0.20 x Sum of Items 1 through 35)	1	LS		\$111,198.60			\$98,990.00			\$107,414.00
<b>GRAND TOTAL:</b>						<b>\$667,191.60</b>	<b>\$593,940.00</b>			<b>\$644,484.00</b>		
% DIFFERENCE FROM ENGINEER'S ESTIMATE							-12%			-4%		
% DIFFERENCE WITHIN LOWEST BIDDER							8%			8%		
Addendum Ackldgmt. Completed?							yes			yes		

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Ref. #	Item #	Description	Qty	Units	Engineer's Estimate		Shelly & Sands, Inc.			Beheler Excavating, Inc.		
					Unit Price	Extension	Materials	Labor	Extension	Materials	Labor	Extension
1	201	Clearing and Grubbing	1	LS		\$5,000.00	\$5,500.00	\$5,500.00	\$11,000.00	\$0.00	\$5,000.00	\$5,000.00
2	202	Catch Basin Removed	7	EA		\$4,200.00	\$100.00	\$100.00	\$1,400.00	\$1,000.00	\$2,500.00	\$24,500.00
3	202	12" Pipe Removed	891	LF		\$22,275.00	\$3.67	\$3.68	\$6,548.85	\$15.00	\$25.00	\$35,640.00
4	202	24" Pipe Removed	146	LF		\$4,380.00	\$7.50	\$7.50	\$2,190.00	\$20.00	\$35.00	\$8,030.00
5	202	12" Pipe Abandoned In Place	107	LF		\$3,745.00	\$8.50	\$8.50	\$1,819.00	\$20.00	\$25.00	\$4,815.00
6	SPEC	Excavation of Contaminated Soil	1,050	CY		\$63,000.00	\$20.00	\$20.00	\$42,000.00	\$50.00	\$110.00	\$168,000.00
7	207	Inlet Protections	11	EA		\$1,540.00	\$110.00	\$110.00	\$2,420.00	\$250.00	\$250.00	\$5,500.00
8	259	Permanent Pavement Replacement with Heat Weld, Per 1441 Type 1	25	CY		\$18,750.00	\$147.50	\$147.50	\$7,375.00	\$300.00	\$300.00	\$15,000.00
9	604	Catch Basin, Type AA-S133A w/AA-S141 Frame and Grate	6	EA		\$10,800.00	\$1,750.00	\$1,750.00	\$21,000.00	\$1,900.00	\$2,500.00	\$26,400.00
10	604	Catch Basin, Type AA-S133B w/AA-S141 Frame and Grate	1	EA		\$2,000.00	\$2,250.00	\$2,250.00	\$4,500.00	\$1,900.00	\$2,500.00	\$4,400.00
11	604	Manhole, Type AA-S102 w/AA-S112 Cover	1	EA		\$4,000.00	\$2,750.00	\$2,750.00	\$5,500.00	\$2,500.00	\$2,500.00	\$5,000.00
12	614	Maintaining Traffic	1	LS		\$10,000.00	\$15,750.00	\$15,750.00	\$31,500.00	\$0.00	\$50,000.00	\$50,000.00
13	616	Water (Dust Control)	1	M GAL		\$125.00	\$7.50	\$7.50	\$15.00	\$35.00	\$200.00	\$235.00
14	616	Calcium Chloride	1	TON		\$600.00	\$50.00	\$50.00	\$50.00	\$3,400.00	\$3,000.00	\$3,200.00
15	623	Construction Layout Stakes	1	LS		\$5,000.00	\$12,500.00	\$12,500.00	\$25,000.00	\$0.00	\$15,000.00	\$15,000.00
16	624	Mobilization	1	LS		\$20,000.00	\$10,000.00	\$10,000.00	\$20,000.00	\$0.00	\$10,000.00	\$10,000.00
17	259	Seeding and Mulching	400	SY		\$2,000.00	\$2.50	\$2.50	\$2,000.00	\$5.00	\$5.00	\$4,000.00
18	807	Valve Boxes Adjusted to Grade	3	EA		\$1,050.00	\$375.00	\$375.00	\$2,250.00	\$300.00	\$300.00	\$1,800.00
19	809	Fire Hydrant, Relocated	3	EA		\$30,000.00	\$2,750.00	\$2,750.00	\$16,500.00	\$1,500.00	\$3,000.00	\$13,500.00
20	901	15" Sanitary Sewer Pipe, Type 1 Bedding with 912 Compacted Granular Backfill	891	LF		\$133,650.00	\$82.50	\$82.50	\$147,015.00	\$40.00	\$65.00	\$93,555.00
21	901	36" Sanitary Sewer Pipe, Type 1 Bedding with 912 Compacted Granular Backfill	146	LF		\$48,180.00	\$132.50	\$132.50	\$38,690.00	\$140.00	\$95.00	\$34,310.00
22	911	Compacted Backfill	420	CY		\$14,700.00	\$0.25	\$0.25	\$210.00	\$35.00	\$35.00	\$29,400.00
23	912	Compacted Granular Backfill	420	CY		\$21,000.00	\$10.00	\$10.00	\$8,400.00	\$50.00	\$50.00	\$42,000.00
24	SPEC	Trench Dam	1	EA		\$50.00	\$500.00	\$500.00	\$1,000.00	\$500.00	\$500.00	\$1,000.00
25	SS-6	Chemical Grouting	50	GAL		\$3,750.00	\$25.00	\$25.00	\$2,500.00	\$100.00	\$100.00	\$10,000.00
26	SS-7	Cementitious Grouting	10	CF		\$5,500.00	\$25.00	\$25.00	\$500.00	\$200.00	\$200.00	\$4,000.00
27	SS-10	Manhole Rehabilitation	36	VF		\$14,400.00	\$92.50	\$92.50	\$6,660.00	\$250.00	\$250.00	\$18,000.00
28	SS-10	Frame / Cover Replacement and Concrete Collar	1	EA		\$1,500.00	\$1,100.00	\$1,100.00	\$2,200.00	\$500.00	\$1,500.00	\$2,000.00
29	SS-10	Chimney Seal	1	EA		\$2,500.00	\$250.00	\$250.00	\$500.00	\$250.00	\$250.00	\$500.00

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BID TABULATION, OPENED 3/14/2018

					Engineer's Estimate		Shelly & Sands, Inc.			Beheler Excavating, Inc.		
Ref. #	Item #	Description	Qty	Units	Unit Price	Extension	Materials	Labor	Extension	Materials	Labor	Extension
30	SS-12	27" CIPP Liner, 9.0 mm Thickness	89	LF		\$17,355.00	\$132.50	\$132.50	\$23,585.00	\$262.00	\$262.00	\$46,636.00
31	SS-12	30" CIPP Liner, 9.0 mm Thickness	327	LF		\$70,305.00	\$135.00	\$135.00	\$88,290.00	\$250.00	\$250.00	\$163,500.00
32	SS-12	27" CIPP, 1.5 mm Incremental Wall Thickness Increase or Decrease	89	LF		\$2,136.00	\$21.00	\$21.00	\$3,738.00	\$6.50	\$6.50	\$1,157.00
33	SS-12	30" CIPP, 1.5 mm Incremental Wall Thickness Increase or Decrease	327	LF		\$8,502.00	\$21.00	\$21.00	\$13,734.00	\$10.00	\$10.00	\$6,540.00
34	SS-27	Project Identification Signs	1	LS		\$1,500.00	\$396.09	\$396.09	\$792.18	\$300.00	\$300.00	\$600.00
35	SPEC	Water Survey Coordinates	1	LS		\$2,500.00	\$5,000.00	\$5,000.00	\$10,000.00	\$0.00	\$15,000.00	\$15,000.00
36	SPEC	Contingency (0.20 x Sum of Items 1 through 35)	1	LS		\$111,198.60			\$110,176.41			\$173,643.60
<b>GRAND TOTAL:</b>						<b>\$667,191.60</b>	<b>\$661,058.44</b>			<b>\$1,041,861.60</b>		
% DIFFERENCE FROM ENGINEER'S ESTIMATE							-1%			36%		
% DIFFERENCE WITHIN LOWEST BIDDER							3%			37%		
Addendum Ackldgmt. Completed?							yes			yes		

1. Facemyer Company	\$386,424.92
2. Complete General Construction	\$421,373.53
3. McDaniel's Construction Corp., Inc.	\$426,052.20
4. George J. Igel & Co., Inc.	\$606,598.50
5. Shelly & Sands, Inc.	\$630,562.44
6. John Eramo & Sons, Inc	\$640,437.60