

ITEM NO.	DESCRIPTION	QTY.	UNIT	ENGINEER'S ESTIMATE		1. Kenmore Construction		*2. H.M. Miller Construction	
				PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT
1	103.05 Contract Performance Bond	1	L.S.	\$60,000.00	\$60,000.00	\$30,000.00	\$30,000.00	\$45,300.00	\$45,300.00
2	201 Clearing and Grubbing	1	L.S.	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00	\$5,500.00	\$5,500.00
3	202 Rack 13 Removal, as per plan	1	L.S.	\$8,000.00	\$8,000.00	\$45,000.00	\$45,000.00	\$3,500.00	\$3,500.00
4	202 Pipe Removed	382	L.F.	\$5.00	\$1,910.00	\$15.00	\$5,730.00	\$5.00	\$1,910.00
5	202 Pipe Abandoned	100	L.F.	\$6.00	\$600.00	\$10.00	\$1,000.00	\$35.00	\$3,500.00
6	202 Wearing Course Removed	10721	S.Y.	\$4.00	\$42,884.00	\$2.00	\$21,442.00	\$2.00	\$21,442.00
7	203 Excavation Including Embankment Construction	6886	C.Y.	\$20.00	\$137,720.00	\$0.01	\$68.86	\$0.10	\$688.60
8	203 Rock Excavation	100	C.Y.	\$100.00	\$10,000.00	\$0.01	\$1.00	\$1.00	\$100.00
9	207 Filter Fabric Fence	50	L.F.	\$6.00	\$300.00	\$3.00	\$150.00	\$1.30	\$65.00
10	254 6 inch Ductile Iron Pipe	105	L.F.	\$100.00	\$10,500.00	\$170.00	\$17,850.00	\$110.00	\$11,550.00
11	254 8 inch Ductile Iron Pipe	65	L.F.	\$100.00	\$6,500.00	\$145.00	\$9,425.00	\$180.00	\$11,700.00
12	258 6 inch Valve	1	EACH	\$800.00	\$800.00	\$900.00	\$900.00	\$885.00	\$885.00
13	259 6 inch x 6 inch Tee	1	EACH	\$1,500.00	\$1,500.00	\$400.00	\$400.00	\$400.00	\$400.00
14	259 6 inch 45 degree bend	9	EACH	\$500.00	\$4,500.00	\$300.00	\$2,700.00	\$225.00	\$2,025.00
15	259 8 inch 45 degree bend	4	EACH	\$500.00	\$2,000.00	\$350.00	\$1,400.00	\$315.00	\$1,260.00
16	259 6 inch solid sleeve	2	EACH	\$500.00	\$1,000.00	\$250.00	\$500.00	\$210.00	\$420.00
17	259 8 inch Romac Coupling	2	EACH	\$1,000.00	\$2,000.00	\$300.00	\$600.00	\$230.00	\$460.00
18	263 Tying Into Existing Main	4	EACH	\$2,000.00	\$8,000.00	\$2,000.00	\$8,000.00	\$1,500.00	\$6,000.00
19	407 Tack Coat	1072	GAL.	\$1.50	\$1,608.00	\$3.00	\$3,216.00	\$2.50	\$2,680.00
20	448 Asphalt Concrete Surface Course, 1-1/4 inch thick	596	C.Y.	\$200.00	\$119,200.00	\$160.00	\$95,360.00	\$271.00	\$161,516.00
21	455 Combination Curb and Gutter	3000	L.F.	\$15.00	\$45,000.00	\$25.00	\$75,000.00	\$18.15	\$54,450.00
22	455 6" x 18" Curb	1000	L.F.	\$15.00	\$15,000.00	\$12.00	\$12,000.00	\$16.00	\$16,000.00
23	456 Concrete Aprons, 6" Thick	1200	S.F.	\$6.00	\$7,200.00	\$7.00	\$8,400.00	\$6.50	\$7,800.00
24	456 Concrete Walk, 4" Thick	4000	S.F.	\$5.00	\$20,000.00	\$3.00	\$12,000.00	\$5.50	\$22,000.00
25	456 Concrete Walk, 6" Thick	2200	S.F.	\$6.00	\$13,200.00	\$3.50	\$7,700.00	\$6.50	\$14,300.00
26	456 Curb Ramps	6	EACH	\$250.00	\$1,500.00	\$500.00	\$3,000.00	\$500.00	\$3,000.00
27	503 Cofferdams, Cribs and Sheeting	1	Allow.	\$50,000.00	\$50,000.00	\$50,000.00	\$50,000.00	\$50,000.00	\$50,000.00
28	552 12 inch Storm Sewer, Type A, Class B Bedding	1546	L.F.	\$100.00	\$154,600.00	\$135.00	\$208,710.00	\$122.00	\$188,612.00
29	552 12 inch Storm Sewer, Ductile Iron, Class B Bedding	120	L.F.	\$200.00	\$24,000.00	\$120.00	\$14,400.00	\$50.00	\$6,000.00
30	552 18 inch Storm Sewer, Type A, Class B Bedding	1100	L.F.	\$160.00	\$176,000.00	\$170.00	\$187,000.00	\$183.00	\$201,300.00
31	552 30 inch Storm Sewer, Type A, Class B Bedding	1740	L.F.	\$350.00	\$609,000.00	\$200.00	\$348,000.00	\$290.50	\$505,470.00
32	553 12 inch Inlet Connection, RCP, Class "B" Bedding	720	L.F.	\$100.00	\$72,000.00	\$85.00	\$61,200.00	\$114.00	\$82,080.00
33	553 12 inch Inlet Connection, Ductile Iron, Class "B" Bedding	200	L.F.	\$200.00	\$40,000.00	\$120.00	\$24,000.00	\$25.00	\$5,000.00
34	557 8 inch Sanitary Sewer, Class B Bedding	945	L.F.	\$130.00	\$122,850.00	\$170.00	\$160,650.00	\$162.00	\$153,090.00
35	557 12 inch Sanitary Sewer, Class B Bedding	767	L.F.	\$150.00	\$115,050.00	\$165.00	\$126,555.00	\$165.00	\$126,555.00
36	559 6 inch Pipe Reconnections, VCP, Class B Bedding	75	L.F.	\$150.00	\$11,250.00	\$80.00	\$6,000.00	\$125.00	\$9,375.00
37	559 6 inch Pipe Bends, VCP, Class B Bedding	60	EACH	\$75.00	\$4,500.00	\$70.00	\$4,200.00	\$50.00	\$3,000.00
38	560 6 inch House Lateral	1	EACH	\$1,000.00	\$1,000.00	\$3,500.00	\$3,500.00	\$6,550.00	\$6,550.00
39	561 Manhole Frame and Cover	1	EACH	\$1,000.00	\$1,000.00	\$600.00	\$600.00	\$850.00	\$850.00
40	562 Manhole MH-2A on Sanitary Sewer	8	EACH	\$4,000.00	\$32,000.00	\$4,000.00	\$32,000.00	\$6,235.00	\$49,880.00
41	562 Manhole MH-2A on Storm Sewer	21	EACH	\$4,000.00	\$84,000.00	\$4,000.00	\$84,000.00	\$2,650.00	\$55,650.00
42	562 Manhole MH-2C on Storm Sewer	10	EACH	\$8,000.00	\$80,000.00	\$7,200.00	\$72,000.00	\$5,800.00	\$58,000.00

ITEM NO.	DESCRIPTION	QTY.	UNIT	ENGINEER'S ESTIMATE		1. Kenmore Construction		*2. H.M. Miller Construction	
				PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT
43	562 Manhole MH-2C on Sanitary Sewer	2	EACH	\$8,000.00	\$16,000.00	\$7,700.00	\$15,400.00	\$8,010.00	\$16,020.00
44	562 Manhole MH-2B on Storm Sewer	1	EACH	\$2,500.00	\$2,500.00	\$6,000.00	\$6,000.00	\$3,900.00	\$3,900.00
45	562 Manhole Adjusted	20	EACH	\$1,000.00	\$20,000.00	\$700.00	\$14,000.00	\$850.00	\$17,000.00
46	562 Manhole Reconstructed	4	EACH	\$3,000.00	\$12,000.00	\$3,800.00	\$15,200.00	\$10,000.00	\$40,000.00
47	562 Manhole Rebuilt	11	L.F.	\$100.00	\$1,100.00	\$450.00	\$4,950.00	\$550.00	\$6,050.00
48	563 Inlet Adjusted	40	EACH	\$500.00	\$20,000.00	\$400.00	\$16,000.00	\$150.00	\$6,000.00
49	563 No. 3 Inlet	10	EACH	\$2,500.00	\$25,000.00	\$3,000.00	\$30,000.00	\$2,450.00	\$24,500.00
50	603 Limestone for Driveway Reconstruction, 6" thick	1000	S.Y.	\$10.00	\$10,000.00	\$7.00	\$7,000.00	\$8.00	\$8,000.00
51	604 Bank Run Gravel	3641	C.Y.	\$30.00	\$109,230.00	\$0.01	\$36.41	\$0.10	\$364.10
52	614 Maintaining Traffic	1	L.S.	\$10,000.00	\$10,000.00	\$55,000.00	\$55,000.00	\$33,000.00	\$33,000.00
53	619 Field Office	1	L.S.	\$10,000.00	\$10,000.00	\$5,000.00	\$5,000.00	\$500.00	\$500.00
54	623 Construction Layout Stakes	1	L.S.	\$30,000.00	\$30,000.00	\$18,000.00	\$18,000.00	\$30,000.00	\$30,000.00
55	624 Mobilization	1	L.S.	\$200,000.00	\$200,000.00	\$75,000.00	\$75,000.00	\$77,000.00	\$77,000.00
56	SPEC Existing Manhole Rehabilitation	300	L.F.	\$300.00	\$90,000.00	\$300.00	\$90,000.00	\$500.00	\$150,000.00
57	SPEC 8 inch CIPPL	691	L.F.	\$55.00	\$38,005.00	\$35.00	\$24,185.00	\$38.00	\$26,258.00
58	SPEC 12 inch CIPPL	1111	L.F.	\$65.00	\$72,215.00	\$46.00	\$51,106.00	\$40.00	\$44,440.00
59	SPEC 10 inch CIPPL	250	L.F.	\$65.00	\$16,250.00	\$35.00	\$8,750.00	\$39.00	\$9,750.00
60	SPEC 15 inch CIPPL	286	L.F.	\$70.00	\$20,020.00	\$48.00	\$13,728.00	\$56.00	\$16,016.00
61	SPEC 18 inch CIPPL	500	L.F.	\$90.00	\$45,000.00	\$60.00	\$30,000.00	\$72.00	\$36,000.00
62	SPEC 21 inch CIPPL	436	L.F.	\$90.00	\$39,240.00	\$65.00	\$28,340.00	\$100.00	\$43,600.00
63	SPEC 24 inch CIPPL	1020	L.F.	\$150.00	\$153,000.00	\$110.00	\$112,200.00	\$102.00	\$104,040.00
64	SPEC 30 inch CIPPL	1680	L.F.	\$190.00	\$319,200.00	\$130.00	\$218,400.00	\$121.00	\$203,280.00
65	SPEC 36 inch CIPPL	450	L.F.	\$195.00	\$87,750.00	\$185.00	\$83,250.00	\$145.00	\$65,250.00
66	SPEC Bypass Pumping	1	L.S.	\$200,000.00	\$200,000.00	\$20,000.00	\$20,000.00	\$107,000.00	\$107,000.00
67	SPEC Cleaning of Sewers	1	L.S.	\$20,000.00	\$20,000.00	\$36,000.00	\$36,000.00	\$78,000.00	\$78,000.00
68	SPEC Slip-Lining of Sewers	484	L.F.	\$140.00	\$67,760.00	\$210.00	\$101,640.00	\$151.00	\$73,084.00
<b>TOTAL CONSTRUCTION COSTS</b>					<b>\$3,733,442.00</b>		<b>\$2,824,843.27</b>		<b>\$3,118,915.70</b>
<b>+/- ENGINEER'S ESTIMATE</b>							<b>-24.3%</b>		<b>-16.5%</b>

\*Ref # 58 total is incorrect.



**BIDDING SCHEDULE FOR: CSO Rack 13 Sewer Separation**

TO THE DIRECTOR OF PUBLIC SERVICE OF THE CITY OF AKRON:

The undersigned proposes to furnish all labor, materials, and equipment for and construct the following improvement and all other work incidental thereto, including any and all work and materials that may be necessary to connect the work done with the adjoining work, in a proper and workmanlike manner, and according to the plans and profiles on file in the Bureau of Engineering, and upon the terms and conditions of the specifications and form of contract bound herewith and the rules and regulations of the City, and under the direction and to the satisfaction of the Director of Public Service, at the following unit rates, to-wit:

PLEASE TYPE OR USE BLACK INK

REF. NO.	ITEM NO.	ITEM - DESCRIPTION	ESTIMATED QUANTITY AND UNIT		(MUST BE COMPLETED) UNIT PRICE IN FIGURES	TOTAL ITEM COST (QUANTITY x UNIT PRICE)
1	103.05	Contract Performance Bond	1	L.S.		
2	201	Clearing and Grubbing	1	L.S.		
3	202	Rack 13 Removal, as per plan	1	L.S.		
4	202	Pipe Removed	382	L.F.		
5	202	Pipe Abandoned	100	L.F.		
6	202	Wearing Course Removed	10721	S.Y.		
7	203	Excavation Including Embankment Construction	6886	C.Y.		
8	203	Rock Excavation	100	C.Y.		
9	207	Filter Fabric Fence	50	L.F.		
10	254	6 inch Ductile Iron Pipe	105	L.F.		
11	254	8 inch Ductile Iron Pipe	65	L.F.		
12	258	6 inch Valve	1	EACH		
13	259	6 inch x 6 inch Tee	1	EACH		
14	259	6 inch 45 degree bend	9	EACH		
15	259	8 inch 45 degree bend	4	EACH		
16	259	6 inch solid sleeve	2	EACH		

**BIDDING SCHEDULE FOR: CSO Rack 13 Sewer Separation**

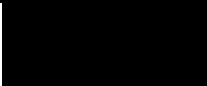
REF. NO.	ITEM NO.	ITEM - DESCRIPTION	ESTIMATED QUANTITY AND UNIT		(MUST BE COMPLETED) UNIT PRICE IN FIGURES	TOTAL ITEM COST (QUANTITY x UNIT PRICE)
17	259	8 inch Romac Coupling	2	EACH		
18	263	Tying Into Existing Main	4	EACH		
19	407	Tack Coat	1072	GAL.		
20	448	Asphalt Concrete Surface Course, 1-1/4 inch thick	596	C.Y.		
21	455	Combination Curb and Gutter	3000	L.F.		
22	455	6" x 18" Curb	1000	L.F.		
23	456	Concrete Aprons, 6" Thick	1200	S.F.		
24	456	Concrete Walk, 4" Thick	4000	S.F.		
25	456	Concrete Walk, 6" Thick	2200	S.F.		
26	456	Curb Ramps	6	EACH		
27	503	Cofferdams, Cribs and Sheeting	1	Allow.	\$50,000.00	\$50,000.00
28	552	12 inch Storm Sewer, Type A, Class B Bedding	1546	L.F.		
29	552	12 inch Storm Sewer, Ductile Iron, Class B Bedding	120	L.F.		
30	552	18 inch Storm Sewer, Type A, Class B Bedding	1100	L.F.		
31	552	30 inch Storm Sewer, Type A, Class B Bedding	1740	L.F.		
32	553	12 inch Inlet Connection, RCP, Class "B" Bedding	720	L.F.		
33	553	12 inch Inlet Connection, Ductile Iron, Class "B" Bedding	200	L.F.		
34	557	8 inch Sanitary Sewer, Class B Bedding	945	L.F.		
35	557	12 inch Sanitary Sewer, Class B Bedding	767	L.F.		

**BIDDING SCHEDULE FOR: CSO Rack 13 Sewer Separation**

REF. NO.	ITEM NO.	ITEM - DESCRIPTION	ESTIMATED QUANTITY AND UNIT		(MUST BE COMPLETED) UNIT PRICE IN FIGURES	TOTAL ITEM COST (QUANTITY x UNIT PRICE)
36	559	6 inch Pipe Reconnections, VCP, Class B Bedding	75	L.F.		
37	559	6 inch Pipe Bends, VCP, Class B Bedding	60	EACH		
38	560	6 inch House Lateral	1	EACH		
39	561	Manhole Frame and Cover	1	EACH		
40	562	Manhole MH-2A on Sanitary Sewer	8	EACH		
41	562	Manhole MH-2A on Storm Sewer	21	EACH		
42	562	Manhole MH-2C on Storm Sewer	10	EACH		
43	562	Manhole MH-2C on Sanitary Sewer	2	EACH		
44	562	Manhole MH-2B on Storm Sewer	1	EACH		
45	562	Manhole Adjusted	20	EACH		
46	562	Manhole Reconstructed	4	EACH		
47	562	Manhole Rebuilt	11	L.F.		
48	563	Inlet Adjusted	40	EACH		
49	563	No. 3 Inlet	10	EACH		
50	603	Limestone for Driveway Reconstruction, 6" thick	1000	S.Y.		
51	604	Bank Run Gravel	3641	C.Y.		
52	614	Maintaining Traffic	1	L.S.		
53	619	Field Office	1	L.S.		
54	623	Construction Layout Stakes	1	L.S.		

**BIDDING SCHEDULE FOR: CSO Rack 13 Sewer Separation**

REF. NO.	ITEM NO.	ITEM - DESCRIPTION	ESTIMATED QUANTITY AND UNIT		(MUST BE COMPLETED) UNIT PRICE IN FIGURES	TOTAL ITEM COST (QUANTITY x UNIT PRICE)
55	624	Mobilization	1	L.S.		
56	SPEC	Existing Manhole Rehabilitation	300	L.F.		
57	SPEC	8 inch CIPPL	691	L.F.		
58	SPEC	12 inch CIPPL	1111	L.F.		
59	SPEC	10 inch CIPPL	250	L.F.		
60	SPEC	15 inch CIPPL	286	L.F.		
61	SPEC	18 inch CIPPL	500	L.F.		
62	SPEC	21 inch CIPPL	436	L.F.		
63	SPEC	24 inch CIPPL	1020	L.F.		
64	SPEC	30 inch CIPPL	1680	L.F.		
65	SPEC	36 inch CIPPL	450	L.F.		
66	SPEC	Bypass Pumping	1	L.S.		
67	SPEC	Cleaning of Sewers	1	L.S.		
68	SPEC	Slip-Lining of Sewers	484	L.F.		
<b>UNOFFICIAL CONSTRUCTION COST:</b>						
<b>PLEASE COMPLETE THE PROPOSAL FORMS BOUND HEREIN AND SUBMIT THE ENTIRE BOOK. DO NOT REMOVE ANY PAGES. ALL ERASURES MUST BE INITIALED AND DATED BY THE BIDDER.</b>						



DENOTES LUMP SUM - UNIT PRICE  
NEED NOT BE COMPLETED

**BIDDING SCHEDULE CONTINUED ON NEXT PAGE**

CITY OF AKRON  
DEPARTMENT OF PUBLIC SERVICE, BUREAU OF ENGINEERING  
ENGINEER'S ESTIMATE

ESTIMATE NO. \_\_\_\_\_ PROJECT \_\_\_\_\_  
DATE \_\_\_\_\_ CONTRACTOR \_\_\_\_\_  
CODE \_\_\_\_\_  
FINANCE DEPT. NO. \_\_\_\_\_

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REF. NO.	ITEM NO.	DESCRIPTION	ESTIMATE QUANTITY	UNIT	ACTUAL QUANTITY	UNIT PRICE	COMPLETE TO DATE
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CITY OF AKRON  
DEPARTMENT OF PUBLIC SERVICE, BUREAU OF ENGINEERING  
ENGINEER'S ESTIMATE

ESTIMATE NO. \_\_\_\_\_ PROJECT \_\_\_\_\_  
DATE \_\_\_\_\_ CONTRACTOR \_\_\_\_\_  
CODE \_\_\_\_\_  
FINANCE DEPT. NO. \_\_\_\_\_

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REF. NO.	ITEM NO.	DESCRIPTION	ESTIMATE QUANTITY	UNIT	ACTUAL QUANTITY	UNIT PRICE	COMPLETE TO DATE
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**CITY OF AKRON  
DEPARTMENT OF PUBLIC SERVICE, BUREAU OF ENGINEERING  
ENGINEER'S ESTIMATE**

ESTIMATE NO. \_\_\_\_\_ PROJECT \_\_\_\_\_  
 DATE \_\_\_\_\_ CONTRACTOR \_\_\_\_\_  
 CODE \_\_\_\_\_  
 FINANCE DEPT. NO. \_\_\_\_\_

REF. NO.	ITEM NO.	DESCRIPTION	ESTIMATE QUANTITY	UNIT	ACTUAL QUANTITY	UNIT PRICE	COMPLETE TO DATE
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This is to certify that the work as listed above has been completed in accordance with the contract documents, that all items are paid for which previous certificates for payment were issued and payments received, and that the current payment is now due.

TOTAL COMPLETED TO DATE	_____
STORED MATERIALS	_____
TOTAL COMPLETED & STORED	_____
LESS _____ RETAINAGE	_____
TOTAL EARNED LESS RETAINAGE	_____
LESS PREVIOUS PAYMENTS	_____
LESS ADDITIONAL DEDUCTIONS	_____
CURRENT PAYMENT DUE	_____

CONTRACTOR: \_\_\_\_\_

BY: \_\_\_\_\_

APPROVED: \_\_\_\_\_  
 CONSTRUCTION ENGINEER

DATE: \_\_\_\_\_

PAYROLLS REVIEWED/QUANTITIES CHECKED BY:

\_\_\_\_\_ PROJECT MANAGER

APPROVED: \_\_\_\_\_  
 CITY ENGINEER

DATE: \_\_\_\_\_

DATE OF PROJECT WORK ACCEPTANCE \_\_\_\_\_