

## Memorandum

**To:** America's Central Port District  
Executive Director and Board

**From:** Steve Osborn

**Subject:** America's Central Port Project No. C0132C and C0132G

**Date:** June 3, 2020

- 1) As requested, bids were advertised and received for the above noted project on Friday, May 29, 2020 at 1:00 p.m. The following are the results of the bids received (see attached bid results):

### SUMMARY OF BIDS - PROJECT C01132C-Sewer Repair Phase 1

Contractor	Base Bid
<i>Engineer's Estimate</i>	\$ 404,175.00
<b>Keller Construction</b>	<b>\$ 230,467.55</b>
Hank's Excavating	261,000.00
Kamadulski Excavating	342,580.00
Korte & Luitjohan Contractors <i>(As Corrected)</i>	354,002.50

### PROJECT C01132C-Sewer Repair Phase 1

Kienstra/WWTP Sinkhole Site (MH 123A)

Contractor	Base Bid
<i>Engineer's Estimate</i>	\$ 326,875.00
<b>Keller Construction</b>	<b>\$ 158,435.04</b>
Hank's Excavating	216,225.00
Kamadulski Excavating	249,117.00
Korte & Luitjohan Contractors <i>(As Corrected)</i>	267,195.00

### PROJECT C01132C-Sewer Repair Phase 1

Kienstra Site 1 (MH 123 to MH 124)

Contractor	Base Bid
<i>Engineer's Estimate</i>	\$ 77,300.00
<b>Keller Construction</b>	<b>\$ 72,032.51</b>
Hank's Excavating	44,775.00
Kamadulski Excavating	93,463.00
Korte & Luitjohan Contractors <i>(As Corrected)</i>	86,807.50

- 2) Based on the above, Keller Construction, Inc. is apparent low bidder for – Project C01132C-Sewer Repair Phase 1 in the amount of \$230,467.55.

**SUMMARY OF PHASE 2 BIDS below - PROJECT C01132G-Sewer Repair Phase 2**

<b>Contractor</b>	<b>Base Bid</b>	<b>Alternate Bid</b>
<i>Engineer's Estimate</i>	\$ 32,475.00	\$ 281,985.00
<b>Hank's Excavating</b>	<b>\$ 11,989.30</b>	<b>\$ 171,140.55</b>
Keller Construction	28,049.75	220,482.51
Korte & Luitjohan Contractors <i>(As Corrected)</i>	108,076.75	198,215.75
Kamadulski Excavating	33,391.00	254,569.00

PROJECT C01132G-Sewer Repair Phase 2 Site 2 ("E" Street & 7th Street)

<b>Contractor</b>	<b>Base Bid</b>	<b>Alternate Bid</b>
<i>Engineer's Estimate</i>	\$ 4,375.00	\$ 82,800.00
<b>Hank's Excavating</b>	<b>\$ 1,120.00</b>	<b>\$ 51,095.00</b>
Keller Construction	4,025.00	40,182.51
Korte & Luitjohan Contractors <i>(As Corrected)</i>	4,550.00	40,407.50
Kamadulski Excavating	4,900.00	70,220.00

PROJECT C01132G-Sewer Repair Phase 2 "D" Street Manhole / Sinkhole Site (East)  
(MH 213 to MH 212)

<b>Contractor</b>	<b>Base Bid</b>	<b>Alternate Bid</b>
<i>Engineer's Estimate</i>	\$ 4,025.00	\$ 101,425.00
<b>Hank's Excavating</b>	<b>\$ 1,121.25</b>	<b>\$ 63,501.25</b>
Keller Construction	3,562.70	92,547.50
Korte & Luitjohan Contractors <i>(As Corrected)</i>	79,821.25	79,821.25
Kamadulski Excavating	4,140.00	90,803.00

PROJECT C01132G-Sewer Repair Phase 2 "D" Street Manhole / Sinkhole Site (West)  
(MH 219 to MH 220)

<b>Contractor</b>	<b>Base Bid</b>	<b>Alternate Bid</b>
<i>Engineer's Estimate</i>	\$ 1,950.00	\$ 97,760.00
<b>Hank's Excavating</b>	<b>\$ 1,119.30</b>	<b>\$ 56,544.30</b>
Keller Construction	2,086.50	87,752.50
Korte & Luitjohan Contractors <i>(As Corrected)</i>	2,418.00	77,987.00
Kamadulski Excavating	2,496.00	93,546.00

PROJECT C01132G-Sewer Repair Phase 2 "D" Street Pipe Cleaning (MH 219 to MH 95)

<b>Contractor</b>	<b>Base Bid</b>
<i>Engineer's Estimate</i>	\$ 22,125.00
<b>Hank's Excavating</b>	<b>\$ 8,628.75</b>
Keller Construction	18,375.55
Korte & Luitjohan Contractors <i>(As Corrected)</i>	21,287.50
Kamadulski Excavating	21,855.00

- 3) Based on the above, Hank's Excavating & Landscaping, Inc. is apparent low bidder for - PROJECT C01132G-Sewer Repair Phase 2 for the Base Bid amount of \$11,989.30.

- 4) These sewer repair projects are in the submittal process to FEMA for Grant Reimbursement Eligibility.

/SOO

Attachment: Tabulation of Bids

PROJECT C01132C-Sewer Repair Phase 1

Kienstra/WWTP Sinkhole Site (MH 123A)				Engineer's Estimate		Kamadulski Excavating		Keller Construction		Hank's Excavating		Korte & Luitjohan	
Item No.	Description	Unit	Est. Qty.	Unit Price	Total	Bid Unit Price	Calc'd Total	Bid Unit Price	Calc'd Total	Bid Unit Price	Calc'd Total	Bid Unit Price	Calc'd Total
1	Dewatering (Installation, Operation, & Removal)	L. Sum	1	\$ 60,000.00	\$ 60,000.00	\$ 25,000.00	\$ 25,000.00	\$ 34,000.00	\$ 34,000.00	\$ 46,225.00	\$ 46,225.00	\$ 91,000.00	\$ 91,000.00
2	Excavation & Backfill for 42" Pipe	Lin. Ft.	45	\$ 450.00	\$ 20,250.00	\$ 740.00	\$ 33,300.00	\$ 59.00	\$ 2,655.00	\$ 355.00	\$ 15,975.00	\$ 3,060.00	\$ 137,700.00
3	Excavation & Backfill for 48" Pipe	Lin. Ft.	45	\$ 450.00	\$ 20,250.00	\$ 740.00	\$ 33,300.00	\$ 60.00	\$ 2,700.00	\$ 355.00	\$ 15,975.00	\$ 3,375.00	\$ 151,875.00
4	Furnish & install 42" Gravity Sewer Pipe RCP	Lin. Ft.	45	\$ 550.00	\$ 24,750.00	\$ 240.00	\$ 10,800.00	\$ 185.00	\$ 8,325.00	\$ 75.00	\$ 3,375.00	\$ 6,300.00	\$ 283,500.00
5	Furnish & install 48" Gravity Sewer Pipe RCP	Lin. Ft.	45	\$ 550.00	\$ 24,750.00	\$ 275.00	\$ 12,375.00	\$ 200.00	\$ 9,000.00	\$ 90.00	\$ 4,050.00	\$ 7,515.00	\$ 338,175.00
6	Connection to Existing Sewer / Manhole	Each	4	\$ 1,500.00	\$ 6,000.00	\$ 4,185.00	\$ 16,740.00	\$ 0.01	\$ 0.04	\$ 3,000.00	\$ 12,000.00	\$ 12,680.00	\$ 50,720.00
7	Granular Bedding & Haunching	Cu. Yd.	60	\$ 100.00	\$ 6,000.00	\$ 75.00	\$ 4,500.00	\$ 40.00	\$ 2,400.00	\$ 40.00	\$ 2,400.00	\$ 3,900.00	\$ 234,000.00
8	Initial Granular Backfill Placed 1' Over Top of Pipe	Cu. Yd.	60	\$ 100.00	\$ 6,000.00	\$ 75.00	\$ 4,500.00	\$ 40.00	\$ 2,400.00	\$ 40.00	\$ 2,400.00	\$ 3,900.00	\$ 234,000.00
9	Select Granular Backfill	Cu. Yd.	300	\$ 100.00	\$ 30,000.00	\$ 44.00	\$ 13,200.00	\$ 40.00	\$ 12,000.00	\$ 40.00	\$ 12,000.00	\$ 19,500.00	\$ 5,850,000.00
10	PCC Pavement Patch - 12 Inch	Sq. Yd.	100	\$ 200.00	\$ 20,000.00	\$ 117.00	\$ 11,700.00	\$ 100.00	\$ 10,000.00	\$ 135.00	\$ 13,500.00	\$ 13,500.00	\$ 1,350,000.00
11	Bypass Pumping	L. Sum	1	\$ 10,000.00	\$ 10,000.00	\$ 9,000.00	\$ 9,000.00	\$ 16,000.00	\$ 16,000.00	\$ 5,000.00	\$ 5,000.00	\$ 15,000.00	\$ 15,000.00
12	Surface Restoration	L. Sum	1	\$ 10,000.00	\$ 10,000.00	\$ 5,782.00	\$ 5,782.00	\$ 2,000.00	\$ 2,000.00	\$ 10,000.00	\$ 10,000.00	\$ 5,500.00	\$ 5,500.00
13	Clean & Televiser Existing 42" Main after Repair	Lin. Ft.	200	\$ 25.00	\$ 5,000.00	\$ 21.00	\$ 4,200.00	\$ 18.00	\$ 3,600.00	\$ 32.00	\$ 6,400.00	\$ 4,050.00	\$ 810,000.00
14	Clean & Televiser Existing 48" Main after Repair	Lin. Ft.	610	\$ 25.00	\$ 15,250.00	\$ 23.00	\$ 14,030.00	\$ 19.00	\$ 11,590.00	\$ 15.00	\$ 9,150.00	\$ 13,420.00	\$ 8,186,200.00
15	Clean MH 123 after Repair	L. Sum	1	\$ 2,500.00	\$ 2,500.00	\$ 2,800.00	\$ 2,800.00	\$ 2,415.00	\$ 2,415.00	\$ 3,300.00	\$ 3,300.00	\$ 2,720.00	\$ 2,720.00
15-A	Remove & Salvage Existing Rip Rap	L. Sum	1	\$ 10,000.00	\$ 10,000.00	\$ 500.00	\$ 500.00	\$ 2,000.00	\$ 2,000.00	\$ 500.00	\$ 500.00	\$ 4,900.00	\$ 4,900.00
16	Remove & Salvage Concrete Barrier Block	Each	25	\$ 125.00	\$ 3,125.00	\$ 105.00	\$ 2,625.00	\$ 130.00	\$ 3,250.00	\$ 10.00	\$ 250.00	\$ 3,375.00	\$ 84,375.00
17	Manhole Removal & Replacement	Each	1	\$ 18,000.00	\$ 18,000.00	\$ 12,600.00	\$ 12,600.00	\$ 7,300.00	\$ 7,300.00	\$ 14,000.00	\$ 14,000.00	\$ 13,000.00	\$ 13,000.00
18	Replace Damaged Fence	Lin. Ft.	100	\$ 50.00	\$ 5,000.00	\$ 61.00	\$ 6,100.00	\$ 45.00	\$ 4,500.00	\$ 47.25	\$ 4,725.00	\$ 9,000.00	\$ 900,000.00
19	Pump Station Debris Removal after Repair	L. Sum	1	\$ 15,000.00	\$ 15,000.00	\$ 11,065.00	\$ 11,065.00	\$ 7,300.00	\$ 7,300.00	\$ 20,000.00	\$ 20,000.00	\$ 16,500.00	\$ 16,500.00
20	Utility Allowance	Allowance	1	\$ 15,000.00	\$ 15,000.00	\$ 15,000.00	\$ 15,000.00	\$ 15,000.00	\$ 15,000.00	\$ 15,000.00	\$ 15,000.00	\$ 15,000.00	\$ 15,000.00
<b>Kienstra / WWTP Sinkhole Site - TOTAL BASE BID</b>				<b>\$ 326,875.00</b>		<b>\$ 249,117.00</b>		<b>\$ 158,435.04</b>		<b>\$ 216,225.00</b>		<b>\$ 18,774,165.00</b>	
<b>AS READ</b>												<b>\$ 267,195.00</b>	

PROJECT C01132C-Sewer Repair Phase 1

Kienstra Site 1 (MH 123 to MH 124)				Engineer's Estimate		Kamadulski Excavating		Keller Construction		Hank's Excavating		Korte & Luitjohan	
Item No.	Description	Unit	Est. Qty.	Unit Price	Total	Bid Unit Price	Calc'd Total	Bid Unit Price	Calc'd Total	Bid Unit Price	Calc'd Total	Bid Unit Price	Calc'd Total
1	Dewatering (Installation, Operation, & Removal)	L. Sum	1	\$ 20,000.00	\$ 20,000.00	\$ 25,000.00	\$ 25,000.00	\$ 32,500.00	\$ 32,500.00	\$ 24,000.00	\$ 24,000.00	\$ 1,950.00	\$ 1,950.00
2	Excavation & Backfill for 36" Pipe	Lin. Ft.	20	\$ 850.00	\$ 17,000.00	\$ 800.00	\$ 16,000.00	\$ 150.00	\$ 3,000.00	\$ 400.00	\$ 8,000.00	\$ 1,700.00	\$ 34,000.00
3	Furnish & install 36" Gravity Sewer Pipe RCP	Lin. Ft.	20	\$ 450.00	\$ 9,000.00	\$ 876.00	\$ 17,520.00	\$ 300.00	\$ 6,000.00	\$ 65.00	\$ 1,300.00	\$ 2,100.00	\$ 42,000.00
4	Connection to Existing Sewer	Each	2	\$ 1,500.00	\$ 3,000.00	\$ 4,900.00	\$ 9,800.00	\$ 2,000.00	\$ 4,000.00	\$ 800.00	\$ 1,600.00	\$ 7,200.00	\$ 14,400.00
5	Granular Bedding & Haunching	Cu. Yd.	8	\$ 100.00	\$ 800.00	\$ 141.00	\$ 1,128.00	\$ 40.00	\$ 320.00	\$ 40.00	\$ 320.00	\$ 520.00	\$ 4,160.00
6	Select Granular Backfill	Cu. Yd.	50	\$ 100.00	\$ 5,000.00	\$ 45.00	\$ 2,250.00	\$ 40.00	\$ 2,000.00	\$ 70.00	\$ 3,500.00	\$ 3,250.00	\$ 162,500.00
7	PCC Pavement Patch - 12 Inch	Sq. Yd.	15	\$ 200.00	\$ 3,000.00	\$ 309.00	\$ 4,635.00	\$ 250.00	\$ 3,750.00	\$ 200.00	\$ 3,000.00	\$ 2,700.00	\$ 40,500.00
8	Bypass Pumping	L. Sum	1	\$ 5,000.00	\$ 5,000.00	\$ 6,080.00	\$ 6,080.00	\$ 15,000.00	\$ 15,000.00	\$ 155.00	\$ 155.00	\$ 6,800.00	\$ 6,800.00
9	Surface Restoration	L. Sum	1	\$ 6,000.00	\$ 6,000.00	\$ 4,600.00	\$ 4,600.00	\$ 1,700.00	\$ 1,700.00	\$ 300.00	\$ 300.00	\$ 2,000.00	\$ 2,000.00
10	Clean & Televiser Existing 36" Main after Repair	Lin. Ft.	350	\$ 20.00	\$ 7,000.00	\$ 13.00	\$ 4,550.00	\$ 10.75	\$ 3,762.50	\$ 6.00	\$ 2,100.00	\$ 4,287.50	\$ 1,500,625.00
11	Traffic Control & Protection	L. Sum	1	\$ 1,500.00	\$ 1,500.00	\$ 1,900.00	\$ 1,900.00	\$ 0.01	\$ 0.01	\$ 500.00	\$ 500.00	\$ 800.00	\$ 800.00
<b>Kienstra Site 1 - TOTAL BASE BID</b>				<b>\$ 77,300.00</b>	<b>\$ 77,300.00</b>	<b>\$ 93,463.00</b>	<b>\$ 93,463.00</b>	<b>\$ 72,032.51</b>	<b>\$ 72,032.51</b>	<b>\$ 44,775.00</b>	<b>\$ 44,775.00</b>	<b>\$ 1,809,735.00</b>	<b>\$ 1,809,735.00</b>
<b>AS READ</b>												<b>\$ 33,307.50</b>	<b>\$ 33,307.50</b>

PROJECT C01132G-Sewer Repair Phase 2

Site 2 ("E" Street & 7th Street)				Engineer's Estimate		Kamadulski Excavating		Keller Construction		Hank's Excavating		Korte & Luitjohan	
Item No.	Description	Unit	Qty.	Unit Price	Total	Bid Unit Price	Calc'd Total	Bid Unit Price	Calc'd Total	Bid Unit Price	Calc'd Total	Bid Unit Price	Calc'd Total
1	Clean & Televiser Existing 30" Sewer Line before repair	Lin. Ft.	175	\$ 25.00	\$ 4,375.00	\$ 28.00	\$ 4,900.00	\$ 23.00	\$ 4,025.00	\$ 6.40	\$ 1,120.00	\$ 4,550.00	\$ 796,250.00
<b>Site 2 - TOTAL BASE BID-AS CALCULATED</b>						<b>\$ 4,900.00</b>		<b>\$ 4,025.00</b>		<b>\$ 1,120.00</b>		<b>\$ 796,250.00</b>	
<b>Site 2 - TOTAL BASE BID-AS READ</b>				<b>\$ 4,375.00</b>								<b>\$ 4,550.00</b>	
<b>ALTERNATE A</b>													
A-1	Dewatering (Installation, Operation, & Removal)	L. Sum	1	\$ 20,000.00	\$ 20,000.00	\$ 9,120.00	\$ 9,120.00	\$ 0.01	\$ 0.01	\$ 22,000.00	\$ 22,000.00	\$ 1,950.00	\$ 1,950.00
A-2	Excavation & Backfill for 36" Pipe	Lin. Ft.	20	\$ 800.00	\$ 16,000.00	\$ 482.00	\$ 9,640.00	\$ 120.00	\$ 2,400.00	\$ 400.00	\$ 8,000.00	\$ 1,700.00	\$ 34,000.00
A-3	Furnish & install 36" Gravity Sewer Pipe RCP	Lin. Ft.	20	\$ 450.00	\$ 9,000.00	\$ 425.00	\$ 8,500.00	\$ 260.00	\$ 5,200.00	\$ 45.00	\$ 900.00	\$ 1,700.00	\$ 34,000.00
A-4	Connection to Existing Sewer	Each	2	\$ 1,500.00	\$ 3,000.00	\$ 4,700.00	\$ 9,400.00	\$ 2,000.00	\$ 4,000.00	\$ 750.00	\$ 1,500.00	\$ 4,900.00	\$ 9,800.00
A-5	Granular Bedding & Haunching	Cu. Yd.	8	\$ 100.00	\$ 800.00	\$ 85.00	\$ 680.00	\$ 40.00	\$ 320.00	\$ 40.00	\$ 320.00	\$ 520.00	\$ 4,160.00
A-6	Select Granular Backfill	Cu. Yd.	50	\$ 100.00	\$ 5,000.00	\$ 48.00	\$ 2,400.00	\$ 40.00	\$ 2,000.00	\$ 60.00	\$ 3,000.00	\$ 3,250.00	\$ 162,500.00
A-7	PCC Pavement Patch - 12 Inch	Sq. Yd.	15	\$ 200.00	\$ 3,000.00	\$ 375.00	\$ 5,625.00	\$ 285.00	\$ 4,275.00	\$ 200.00	\$ 3,000.00	\$ 2,700.00	\$ 40,500.00
A-8	Bypass Pumping	L. Sum	1	\$ 5,000.00	\$ 5,000.00	\$ 6,080.00	\$ 6,080.00	\$ 9,000.00	\$ 9,000.00	\$ 155.00	\$ 155.00	\$ 6,900.00	\$ 6,900.00
A-9	Surface Restoration	L. Sum	1	\$ 6,000.00	\$ 6,000.00	\$ 4,600.00	\$ 4,600.00	\$ 1,500.00	\$ 1,500.00	\$ 1,000.00	\$ 1,000.00	\$ 2,000.00	\$ 2,000.00
A-10	Clean & Televiser Existing 36" Main after Repair	Lin. Ft.	175	\$ 20.00	\$ 3,500.00	\$ 13.00	\$ 2,275.00	\$ 11.00	\$ 1,925.00	\$ 6.40	\$ 1,120.00	\$ 2,187.50	\$ 382,812.50
A-11	Pressure Grouting Sewer	Lin. Ft.	50	\$ 200.00	\$ 10,000.00	\$ 152.00	\$ 7,600.00	\$ 131.25	\$ 6,562.50	\$ 200.00	\$ 10,000.00	\$ 7,400.00	\$ 370,000.00
A-12	Traffic Control & Protection	L. Sum	1	\$ 1,500.00	\$ 1,500.00	\$ 4,300.00	\$ 4,300.00	\$ 3,000.00	\$ 3,000.00	\$ 100.00	\$ 100.00	\$ 5,200.00	\$ 5,200.00
<b>TOTAL SITE 2 - BASE BID WITH ALTERNATE A-AS CALCULATED</b>				<b>\$ 82,800.00</b>		<b>\$ 70,220.00</b>		<b>\$ 40,182.51</b>		<b>\$ 51,095.00</b>		<b>\$ 1,053,822.50</b>	
<b>AS READ</b>												<b>\$ 40,407.50</b>	

Bids due Friday, May 29, 2020 @ 1:00 p.m.

PROJECT C01132G-Sewer Repair Phase 2

"D" Street Manhole / Sinkhole Site (East) (MH 213 to MH 212)				Engineer's Estimate		Kamadulski Excavating		Keller Construction		Hank's Excavating		Korte & Luitjohan	
Item No.	Description	Unit	Qty.	Unit Price	Total	Bid Unit Price	Calc'd Total	Bid Unit Price	Calc'd Total	Bid Unit Price	Calc'd Total	Bid Unit Price	Calc'd Total
1	Clean & Televiser Existing 36" Sewer Line before repair	Lin. Ft.	115	\$ 35.00	\$ 4,025.00	\$ 36.00	\$ 4,140.00	\$ 30.98	\$ 3,562.70	\$ 9.75	\$ 1,121.25	\$ 4,140.00	\$ 476,100.00
AS CALCULATED				\$ 4,025.00		\$ 4,140.00		\$ 3,562.70		\$ 1,121.25		\$ 476,100.00	
"D" Street Manhole / Sinkhole Site (East) - TOTAL BASE BID-AS READ												\$ 79,821.25	
<b>ALTERNATE A</b>													
A-1	Dewatering (Installation, Operation, & Removal)	L. Sum	1	\$ 20,000.00	\$ 20,000.00	\$ 18,300.00	\$ 18,300.00	\$ 34,000.00	\$ 34,000.00	\$ 22,000.00	\$ 22,000.00	\$ 30,000.00	\$ 30,000.00
A-2	Excavation & Backfill for 36" Pipe	Lin. Ft.	20	\$ 850.00	\$ 17,000.00	\$ 902.00	\$ 18,040.00	\$ 150.00	\$ 3,000.00	\$ 785.00	\$ 15,700.00	\$ 1,800.00	\$ 36,000.00
A-3	Furnish & install 36" Gravity Sewer Pipe RCP	Lin. Ft.	20	\$ 450.00	\$ 9,000.00	\$ 415.00	\$ 8,300.00	\$ 300.00	\$ 6,000.00	\$ 65.00	\$ 1,300.00	\$ 1,800.00	\$ 36,000.00
A-4	Connection to Existing Sewer / Manhole	Each	2	\$ 1,500.00	\$ 3,000.00	\$ 4,900.00	\$ 9,800.00	\$ 2,000.00	\$ 4,000.00	\$ 880.00	\$ 1,760.00	\$ 2,800.00	\$ 5,600.00
A-5	Granular Bedding & Haunching	Cu. Yd.	11	\$ 100.00	\$ 1,100.00	\$ 103.00	\$ 1,133.00	\$ 40.00	\$ 440.00	\$ 40.00	\$ 440.00	\$ 715.00	\$ 7,865.00
A-6	Select Granular Backfill	Cu. Yd.	42	\$ 100.00	\$ 4,200.00	\$ 45.00	\$ 1,890.00	\$ 40.00	\$ 1,680.00	\$ 100.00	\$ 4,200.00	\$ 2,730.00	\$ 114,660.00
A-7	PCC Pavement Patch - 10 Inch	Sq. Yd.	15	\$ 200.00	\$ 3,000.00	\$ 360.00	\$ 5,400.00	\$ 285.00	\$ 4,275.00	\$ 235.00	\$ 3,525.00	\$ 2,700.00	\$ 40,500.00
A-8	Bypass Pumping	L. Sum	1	\$ 5,000.00	\$ 5,000.00	\$ 3,040.00	\$ 3,040.00	\$ 13,000.00	\$ 13,000.00	\$ 155.00	\$ 155.00	\$ 7,300.00	\$ 7,300.00
A-9	Surface Restoration	L. Sum	1	\$ 6,000.00	\$ 6,000.00	\$ 4,600.00	\$ 4,600.00	\$ 730.00	\$ 730.00	\$ 100.00	\$ 100.00	\$ 1,500.00	\$ 1,500.00
A-10	Clean & Televiser Existing 36" Main after Repair	Lin. Ft.	115	\$ 25.00	\$ 2,875.00	\$ 20.00	\$ 2,300.00	\$ 16.50	\$ 1,897.50	\$ 9.75	\$ 1,121.25	\$ 2,213.75	\$ 254,581.25
A-11	Pressure Grouting Sewer	Lin. Ft.	50	\$ 175.00	\$ 8,750.00	\$ 160.00	\$ 8,000.00	\$ 136.50	\$ 6,825.00	\$ 200.00	\$ 10,000.00	\$ 7,912.50	\$ 395,625.00
A-12	Manhole / Sewer Connection Repair	Each	4	\$ 3,750.00	\$ 15,000.00	\$ 3,900.00	\$ 15,600.00	\$ 2,300.00	\$ 9,200.00	\$ 100.00	\$ 400.00	\$ 10,000.00	\$ 40,000.00
A-13	Traffic Control & Protection	L. Sum	1	\$ 2,000.00	\$ 2,000.00	\$ 4,300.00	\$ 4,300.00	\$ 3,000.00	\$ 3,000.00	\$ 100.00	\$ 100.00	\$ 5,500.00	\$ 5,500.00
A-14	Exploratory Excavation	L. Sum	1	\$ 1,500.00	\$ 1,500.00	\$ 3,600.00	\$ 3,600.00	\$ 2,500.00	\$ 2,500.00	\$ 2,500.00	\$ 2,500.00	\$ 1,050.00	\$ 1,050.00
A-15	Cap Existing Abandoned Sewer Main	Each	2	\$ 1,500.00	\$ 3,000.00	\$ 2,400.00	\$ 4,800.00	\$ 1,000.00	\$ 2,000.00	\$ 100.00	\$ 200.00	\$ 1,800.00	\$ 3,600.00
AS CALCULATED				\$ 101,425.00		\$ 109,103.00		\$ 92,547.50		\$ 63,501.25		\$ 975,131.25	
AS READ						\$ 90,803.00						\$ 79,821.25	

PROJECT C01132G-Sewer Repair Phase 2

"D" Street Manhole / Sinkhole Site (West) (MH 219 to MH 220)				Engineer's Estimate		Kamadulski Excavating		Keller Construction		Hank's Excavating		Korte & Luitjohan	
Item No.	Description	Unit	Qty.	Unit Price	Total	Bid Unit Price	Calc'd Total	Bid Unit Price	Calc'd Total	Bid Unit Price	Calc'd Total	Bid Unit Price	Calc'd Total
1	Clean & Televiser Existing 24" Sewer Line before repair	Lin. Ft.	78	\$ 25.00	\$ 1,950.00	\$ 32.00	\$ 2,496.00	\$ 78.00	\$ 6,084.00	\$ 14.35	\$ 1,119.30	\$ 2,418.00	\$ 188,604.00
AS CALCULATED				\$ 1,950.00		\$ 2,496.00		\$ 6,084.00		\$ 1,119.30		\$ 188,604.00	
"D" Street Manhole / Sinkhole Site (West) - TOTAL BASE BID-AS READ						\$ -		\$ 2,086.50		\$ -		\$ 2,418.00	
<b>ALTERNATE A</b>													
A-1	Dewatering (Installation, Operation, & Removal)	L. Sum	1	\$ 20,000.00	\$ 20,000.00	\$ 9,120.00	\$ 9,120.00	\$ 34,000.00	\$ 34,000.00	\$ 22,000.00	\$ 22,000.00	\$ 30,000.00	\$ 30,000.00
A-2	Excavation & Backfill for 24" Pipe	Lin. Ft.	20	\$ 750.00	\$ 15,000.00	\$ 451.00	\$ 9,020.00	\$ 115.00	\$ 2,300.00	\$ 395.00	\$ 7,900.00	\$ 1,700.00	\$ 34,000.00
A-3	Furnish & install 24" Gravity Sewer Pipe RCP	Lin. Ft.	20	\$ 450.00	\$ 9,000.00	\$ 432.00	\$ 8,640.00	\$ 245.00	\$ 4,900.00	\$ 44.00	\$ 880.00	\$ 1,700.00	\$ 34,000.00
A-4	Connection to Existing Sewer / Manhole	Each	2	\$ 1,500.00	\$ 3,000.00	\$ 3,700.00	\$ 7,400.00	\$ 2,000.00	\$ 4,000.00	\$ 1,500.00	\$ 3,000.00	\$ 4,400.00	\$ 8,800.00
A-5	Granular Bedding & Haunching	Cu. Yd.	7	\$ 100.00	\$ 700.00	\$ 97.00	\$ 679.00	\$ 40.00	\$ 280.00	\$ 40.00	\$ 280.00	\$ 455.00	\$ 3,185.00
A-6	Select Granular Backfill	Cu. Yd.	40	\$ 100.00	\$ 4,000.00	\$ 45.00	\$ 1,800.00	\$ 40.00	\$ 1,600.00	\$ 73.00	\$ 2,920.00	\$ 2,600.00	\$ 104,000.00
A-7	PCC Pavement Patch - 10 Inch	Sq. Yd.	15	\$ 200.00	\$ 3,000.00	\$ 360.00	\$ 5,400.00	\$ 285.00	\$ 4,275.00	\$ 165.00	\$ 2,475.00	\$ 2,700.00	\$ 40,500.00
A-8	Bypass Pumping	L. Sum	1	\$ 5,000.00	\$ 5,000.00	\$ 6,080.00	\$ 6,080.00	\$ 13,000.00	\$ 13,000.00	\$ 155.00	\$ 155.00	\$ 8,000.00	\$ 8,000.00
A-9	Surface Restoration	L. Sum	1	\$ 6,000.00	\$ 6,000.00	\$ 4,600.00	\$ 4,600.00	\$ 730.00	\$ 730.00	\$ 115.00	\$ 115.00	\$ 1,500.00	\$ 1,500.00
A-10	Clean & Televiser Existing 24" Main after Repair	Lin. Ft.	78	\$ 20.00	\$ 1,560.00	\$ 19.00	\$ 1,482.00	\$ 16.25	\$ 1,267.50	\$ 14.35	\$ 1,119.30	\$ 1,482.00	\$ 115,596.00
A-11	Manhole / Sewer Connection Repair	Each	4	\$ 3,750.00	\$ 15,000.00	\$ 4,300.00	\$ 17,200.00	\$ 2,300.00	\$ 9,200.00	\$ 1,500.00	\$ 6,000.00	\$ 7,600.00	\$ 30,400.00
A-12	Manhole Removal & Replacement	Each	1	\$ 10,000.00	\$ 10,000.00	\$ 10,625.00	\$ 10,625.00	\$ 7,200.00	\$ 7,200.00	\$ 9,400.00	\$ 9,400.00	\$ 6,800.00	\$ 6,800.00
A-13	Traffic Control & Protection	L. Sum	1	\$ 2,500.00	\$ 2,500.00	\$ 4,300.00	\$ 4,300.00	\$ 3,000.00	\$ 3,000.00	\$ 100.00	\$ 100.00	\$ 5,550.00	\$ 5,550.00
A-14	Cap Existing Abandoned Sewer Main	Each	2	\$ 1,500.00	\$ 3,000.00	\$ 3,600.00	\$ 7,200.00	\$ 1,000.00	\$ 2,000.00	\$ 100.00	\$ 200.00	\$ 3,500.00	\$ 7,000.00
"D" Street Manhole/Sinkhole Site (West)-BASE BID W/ALTERNATE A-AS CALCULATED				\$ 97,760.00		\$ 93,546.00		\$ 87,752.50		\$ 56,544.30		\$ 429,331.00	
AS READ												\$ 77,987.00	



Bids due Friday, May 29, 2020 @ 1:00 p.m.

PROJECT C01132G-Sewer Repair Phase 2

"D" Street Pipe Cleaning (MH 219 to MH 95)				Engineer's Estimate		Kamadulski Excavating		Keller Construction		Hank's Excavating		Korte & Luitjohan	
Item No.	Description	Unit	Qty.	Unit Price	Total	Bid Unit Price	Calc'd Total	Bid Unit Price	Calc'd Total	Bid Unit Price	Calc'd Total	Bid Unit Price	Calc'd Total
1	Clean & Televiser Existing 36" Sewer Line	Lin. Ft.	385	\$ 25.00	\$ 9,625.00	\$ 23.00	\$ 8,855.00	\$ 19.43	\$ 7,480.55	\$ 9.75	\$ 3,753.75	\$ 8,662.50	\$ 3,335,062.50
2	Clean & Televiser Existing 42" Sewer Line	Lin. Ft.	500	\$ 25.00	\$ 12,500.00	\$ 26.00	\$ 13,000.00	\$ 21.79	\$ 10,895.00	\$ 9.75	\$ 4,875.00	\$ 12,625.00	\$ 6,312,500.00
<b>"D" Street Pipe Cleaning - TOTAL BID</b>				\$ 22,125.00		\$ 21,855.00		\$ 18,375.55		\$ 8,628.75			
<b>AS CALCULATED</b>												\$ 9,647,562.50	
<b>AS READ</b>												\$ 21,287.50	