



# PROPOSED CHANGE ORDER REQUEST

*Department of Watershed Management*

Contract Name: Sanitary Sewer Rehabilitation Services (ESC/OMNIA Coop Agmt) Date: 10/31/2023

Contractor: SAK Construction, LLC

Contract Number: 1283955 Contract Amendment Number: 2

Contract Amendment Category:  Cost  Schedule  Scope  Deliverables

Original Contract \$ Amount:	Contract Start Date:	Original Contract Time:(TERM)	Original Contract End Date:
\$7,781,553.28	5/3/2022	607	12/31/2023

NTP Start Date:	Original Performance Days:(TIME)	Original Performance End Date:
5/17/2022	540	11/8/2023

Previous Change Order:	Previous Time Extensions (Days):	Previous Changes to \$ Amount:
Change Order No. 1:	358	\$13,829,333.45
Change Order No. 2:	0	\$0.00
Change Order No. 3:	0	\$0.00

Current Contract Amount:	Current Performance Time (Days):	Current Performance End Date:	Current Contract End Date:
\$21,610,886.73	898	10/31/2024	12/31/2024

**Description of Proposed Changes:** Amendment/Change Order No. 1 is being proposed to increase scope, time, term and funding in order to provide DWM the ability to complete additional and important infrastructure upgrades including - sanitary sewer lining work for small and large diameter CIPP. The CIPP approach completely renews existing sewers with a new pipe constructed inside the old, failing pipe. Construction disruption is much less than traditional excavation approaches. SAK pricing is competitive and has been the highest performing contractor in executing the CIPP.

**Justification of Proposed Changes:** This change order will be utilized to provide the ability to continue progress to the implementation of the County's year Consent Decree required footage for simple and complex rehabilitation.

Proposed Additional Performance Days:	Proposed Cumulative Performance Days:	Proposed Performance End Date:	Proposed Contract End Date:
365	1263	10/31/2025	10/31/2025
Proposed Changes to Dollar Amount:	Proposed Cumulative Contract Amount:	Amount Accured To Date:	Amount Spent To Date:
\$18,925,946.31	\$40,536,833.04	\$16,795,096.50	\$13,969,573.72

**Describe Any Risk Associated With This Change:** The progress of the renewal of small diameter sewer collection system towards the ongoing Consent Decree would be reduced and would have to be accomplished by other means. SAK has proven itself as a capable contractor for these types of projects required by the wastewater collection system in DeKalb County.

**Effect of NOT Approving This Change:** Other contracting mechanisms would need to be used, consuming additional time and effort within the DWM and DeKalb organization. This work is necessary and important to the ongoing efforts to improve system reliability and integrity.

**Engineering Manager's Approval:**

Signature:  
Print Name & Date:

**Watershed Director's Approval:**

Signature:  
Print Name & Date:

**Purchasing & Contracting's Approval:**

Signature:  
Print Name & Date:

**Chief Operating Officer's Approval:**

Signature:  
Print Name & Date:

*Contract Name: Sanitary Sewer Rehabilitation Services (ESC/OMNIA Coop Aqmt)*

*Contractor: SAK Construction, LLC*  
*Contract Number: 1283955*

**2023 Large Diameter CIPP**

Item	Description	Quantity	Unit	Unit Price	Unit Price (5%)	Total Price
<b>Mobilization (Includes Demobilization)</b>						
1	CIPP Crew	4	EA	\$10,000.00	\$10,500.00	\$42,000.00
<b>CCTV &amp; Cleaning</b>						
2	Normal Cleaning 15"-21" pipe (<=3 passes with jetter)	0	LF	\$11.25	\$11.81	\$-
3	Normal Cleaning 24"-33" pipe (<=3 passes with jetter)	3000	LF	\$19.75	\$20.74	\$62,212.50
4	Normal Cleaning 36"-42" pipe (<=3 passes with jetter)	12000	LF	\$30.50	\$32.03	\$384,300.00
5	Normal Cleaning 48"-54" pipe (<=3 passes with jetter)	4500	LF	\$60.00	\$63.00	\$283,500.00
6	Heavy Cleaning 15"-21" pipe (>3 passes with jetter, includes Normal Cleaning)	0	LF	\$16.25	\$17.06	\$-
7	Heavy Cleaning 24"-33" pipe (>3 passes with jetter, includes Normal Cleaning)	3000	LF	\$24.75	\$25.99	\$77,962.50
8	Heavy Cleaning 36"-42" pipe (>3 passes with jetter, includes Normal Cleaning)	12000	LF	\$35.50	\$37.28	\$447,300.00
9	Heavy Cleaning 48"-54" pipe (>3 passes with jetter, includes Normal Cleaning)	4500	LF	\$65.00	\$68.25	\$307,125.00
10	Protruding Tap Removal	25	EA	\$1,375.00	\$1,443.75	\$36,093.75
11	CCTV Inspection of 6"-15" Pipe (Post TV)	100000	LF	\$2.50	\$2.63	\$263,000.00
12	CCTV Inspection of 18"-27" Pipe (Post TV)	0	LF	\$4.00	\$4.20	\$-
13	CCTV Inspection of 30" or Larger Pipe (Post TV)	19500	LF	\$5.50	\$5.78	\$112,710.00
<b>CIPP (Thicknesses for Each Diameter Based off Design Calculations)</b>						
	CIPP 8" x 4.5mm	100000	LF	\$41.00	\$43.05	\$4,305,000.00
14	CIPP 15" x 7.5mm	0	LF	\$66.50	\$69.83	\$-
15	CIPP 15" x 9.0mm	0	LF	\$76.50	\$80.33	\$-
16	CIPP 18" x 9.0mm	0	LF	\$82.50	\$86.63	\$-
17	CIPP 18" x 10.5mm	0	LF	\$92.50	\$97.13	\$-
18	CIPP 18" x 12.0mm	0	LF	\$102.50	\$107.63	\$-
19	CIPP 20" x 10.5mm	0	LF	\$119.67	\$125.65	\$-
20	CIPP 20" x 12.0mm	0	LF	\$138.17	\$145.08	\$-
21	CIPP 21" x 10.5mm	0	LF	\$125.50	\$131.78	\$-
22	CIPP 24" x 12.0mm	0	LF	\$148.00	\$155.40	\$-
23	CIPP 24" x 13.5mm	0	LF	\$163.00	\$171.15	\$-
24	CIPP 24" x 15.0mm	0	LF	\$178.00	\$186.90	\$-
25	CIPP 27" x 13.5mm	0	LF	\$206.50	\$216.83	\$-
26	CIPP 30" x 13.5mm	1500	LF	\$209.50	\$219.98	\$329,962.50
27	CIPP 30" x 15.0mm	1500	LF	\$234.50	\$246.23	\$369,337.50
28	CIPP 36" x 15.0mm	1500	LF	\$306.50	\$321.83	\$482,737.50
29	CIPP 36" x 16.5mm	1500	LF	\$336.50	\$353.33	\$529,987.50
30	CIPP 36" x 18.0mm	1500	LF	\$366.50	\$384.83	\$577,237.50
31	CIPP 36" x 19.5mm	1500	LF	\$396.50	\$416.33	\$624,487.50
32	CIPP 36" x 21.0mm	1500	LF	\$426.50	\$447.83	\$671,737.50
33	CIPP 36" x 22.5mm	1500	LF	\$456.50	\$479.33	\$718,987.50
34	CIPP 42" x 18.0mm	1500	LF	\$407.85	\$428.24	\$642,363.75
35	CIPP 42" x 22.5mm	1500	LF	\$527.85	\$554.24	\$831,363.75
36	CIPP 48" x 22.5mm	1500	LF	\$662.00	\$695.10	\$1,042,650.00
37	CIPP 48" x 24.0mm	1500	LF	\$712.00	\$747.60	\$1,121,400.00
38	CIPP 48" x 25.5mm	1500	LF	\$762.00	\$800.10	\$1,200,150.00
39	Internal Service Lateral Reconnection	1000	EA	\$300.00	\$315.00	\$315,000.00
<b>Bypass Pumping for CIPP Scope</b>						
40	Set up 4" Pump (per Pump)	5	EA	\$455.00	\$477.75	\$2,388.75
41	Set up 6" Pump (per Pump)	5	EA	\$1,060.00	\$1,113.00	\$5,565.00
42	Set up 8" Pump (per Pump)	5	EA	\$1,515.00	\$1,590.75	\$7,953.75
43	Set up 12" Pump (per Pump)	5	EA	\$2,675.00	\$2,808.75	\$14,043.75
44	Set up 8" Piping	2000	LF	\$80.00	\$84.00	\$168,000.00
45	Set up 12" Piping	2000	LF	\$110.00	\$115.50	\$231,000.00
46	Set up 18" Piping	2000	LF	\$135.00	\$141.75	\$283,500.00
47	Operate 4" Pumping System	10	Day	\$95.00	\$99.75	\$997.50
48	Operate 6" Pumping System	10	Day	\$715.00	\$750.75	\$7,507.50
49	Operate 8" Pumping System	10	Day	\$1,145.00	\$1,202.25	\$12,022.50
50	Operate 12" Pumping System	10	Day	\$1,845.00	\$1,937.25	\$19,372.50
51	Bypassing Pumping - Large Diameter (30" to 54")	19500	LF	\$75.00	\$78.75	\$1,535,625.00
52	Bypass - Street Ramp (Setup, Operate, Maintain)	20	EA	\$465.00	\$488.25	\$9,765.00
<b>Manhole Rehabilitation</b>						
50	Std 4-Ft Dia. MH - 1" Portland-Based Cementitious	2333	VF	\$172.50	\$181.13	\$422,576.29
51	Std 4-Ft Dia. MH - Composite - 1" cementitious + 125 mil Epoxy/Polyurea	0	VF	\$690.00	\$724.50	\$-

2023 Large Diameter CIPP

Item	Description	Quantity	Unit	Unit Price	Unit Price (5%)	Total Price
52	Rebuild Bench and Invert	0	EA	\$1,150.00	\$1,207.50	\$-
53	Holiday Test Manhole (Epoxy only)	0	EA	\$460.00	\$483.00	\$-
<b>Ancillary Items</b>						
54	Bonds and Insurance (2% of Sub-Total)	1	LS	\$283,878.48		\$283,878.48
55	Public Outreach (2% of Sub-Total)	1	LS	\$283,878.48		\$283,878.48
<b>Allowance Justification for Access, Restoration, Private Property Agreements, Undefined Point Repairs, etc.</b>						
56	Clearing and Grubbing	30	Acre	\$5,433.75		\$163,012.50
57	Road Building & Removal	25000	SY	\$50.00	NA	\$1,250,000.00
58	Matting	0	LS	\$-	NA	\$-
59	Access Pads	10000	SY	\$50.00	NA	\$500,000.00
60	Creek Crossings	25	EA	\$20,000.00	NA	\$500,000.00
61	Manhole Modifications	0	LS			\$-
62	Erosion Control	19500	LF	\$1.50	\$1.58	\$30,712.50
63	Private Property Agreements	0	LS			\$-
64	Undefined Point Repairs	0	LS			\$-
65	Owner's Allowance (10% of Total)	1	All			\$1,720,540.57
<b>Grand Total</b>						<b>\$18,925,946.31</b>