



PROPOSED CHANGE ORDER REQUEST

Department of Watershed Management

Contract Name: Consent Decree – Gravity Sewer Rehabilitation and Replacement (CD-GSRR) Date: 3/13/2024

Contractor: Kemi Construction Company, Inc.

Contract Number: 1201898 Contract Amendment Number: 3

Contract Amendment Category: ☒ Cost ☒ Schedule ☒ Scope ☒ Deliverables

Original Contract \$ Amount:	Contract Start Date:	Original Contract Time:(TERM)	Original Contract End Date:
\$21,359,252.20	1/8/2021	1087	12/31/2023

NTP Start Date:	Original Performance Days:(TIME)	Original Performance End Date:
2/9/2021	1095	2/9/2024

Previous Change Order:	Previous Time Extensions (Days):	Previous Changes to \$ Amount:	
Change Order No. 1:	0	\$0.00	
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:
\$21,359,252.20	1095	2/9/2024	12/31/2023

Description of Proposed Changes: Amendment/Change Order No. 3 is being proposed by the department to complete additional linear footage of small diameter gravity sewer replacement scope. The user department is also requesting additional time and term to complete the added scope. Therefore, the department is requesting additional funding for more sewer realignment, upsizing of existing pipeline and pipebursting scope. The additional funding will be utilized to complete repairs to failing sewer creek crossings, Consent Decree Package 5, Consent Decree Package 7, Second and Third Ave and Drexel sewer replacement project. **Total amount invoiced through January 2024 is \$19,138,185.23.**

Justification of Proposed Changes: The purpose of this Change Order is to provide DeKalb County the ability to continue progress towards the implementation of the County's Mandated Consent Decree yearly minimum footage requirements.

Proposed Additional Performance Days:	Proposed Cumulative Performance Days:	Proposed Performance End Date:	Proposed Contract End Date:
691	1786	12/31/2025	12/31/2026
Proposed Changes to Dollar Amount:	Proposed Cumulative Contract Amount:	Amount Accured To Date:	Amount Spent To Date:
\$15,271,478.64	\$36,630,730.84	\$20,000,000.00	\$18,256,186.89

1580 Roadhaven Drive | Stone Mountain, GA 30083 | P: (770) 621-7200 F: (770) 621-7271

www.dekalbwatershed.com

Describe Any Risk Associated With This Change: There is no risk for the County if the change is approved. The progress of the renewal of sewers towards the ongoing Consent Decree would be reduced and would have to be accomplished by other means not currently available should the Change Order not be approved.

Effect of NOT Approving This Change: Not approving this Change would mean the remaining GSRR construction work assigned to Kemi will not be completed in the timeframe allowed in the contract as well as critical consent decree deadlines will be missed resulting in potential financial penalties from EPA. Also not approving this Change could lead to cost increases should the remaining construction work have to be performed outside the current contract.

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: Consent Decree – Gravity Sewer Rehabilitation and Replacement (CD-GSRR)

Contractor: Kemi Construction Company, Inc.

Contract Number: 1201898

KEMI Estimated Budget Summary

A		B	C			
ITEM NO.		DESCRIPTION OF WORK	SCHEDULED VALUE			
			Unit	Qty	Unit Price	Extended Price
1		Work Zone Staging and Traffic Control: FC 17-Collector Street (per link)	EA	150	\$ 3,500.00	\$ 525,000.00
2		Work Zone Staging and Traffic Control: FC 16-Minor Arterial Street (per link)	EA	33	\$ 2,000.00	\$ 66,000.00
3		Work Zone Staging and Traffic Control: FC 14-Urban Principal Arterial (per link)	EA	0	\$ 3,500.00	\$ -
4		Owner's Allowance (10%)	Allowance	1	\$ 1,388,316.24	\$ 1,388,316.24
5		GPS Locate and Data Collection / Manhole	EA	63	\$ 750.00	\$ 47,250.00
6		CCTV Inspection 6"-12" line	LF	7153	\$ 10.00	\$ 71,530.00
7		CCTV Inspection 15"-24" line	LF	0	\$ 20.00	\$ -
8		Bypass Pump on 12" lower 25 % to 50%	LF	10285	\$ 30.00	\$ 308,550.00
9		Bypass Pump on 12" lower 50% and Above	LF	8400	\$ 30.00	\$ 252,000.00
10		Bypass Pump on 15" including 24" Dia. With flow 25% to 50%	LF	4500	\$ 40.00	\$ 180,000.00
11		Bypass Pump on 15" including 24" Dia. With flow 50% and Above	LF	6720	\$ 40.00	\$ 268,800.00
12		CO Entrance Install And Remove	EA	30	\$ 3,000.00	\$ 90,000.00
13		CO Entrance Install Only	EA	0	\$ 2,000.00	\$ -
14		Easement Access Road Install and Removal	EA	6381	\$ 60.00	\$ 382,860.00
15		Easement Access Road, Install Only	LF	500	\$ 40.00	\$ 20,000.00
16		Light Clearing	SY	12603	\$ 9.00	\$ 113,427.00
17		Medium Clearing	SY	33689	\$ 15.00	\$ 505,335.00
18		Heavy Clearing	Cal./in	22677	\$ 25.00	\$ 566,925.00
19		Rip-Rap Type II	SY	80	\$ 100.00	\$ 8,000.00
20		Rip-Rap Type III	SY	1480	\$ 95.00	\$ 140,600.00
21		Tree Save fence	LF	18176	\$ 4.00	\$ 72,704.00
22		Check Dam (Hay Bales)	EA	110	\$ 30.00	\$ 3,300.00
23		Inlet Sediment Trap	EA	172	\$ 250.00	\$ 43,000.00
24		Temporary Creek Crossing (12"/15" Diameter Pipes Installed)	LF	0	\$ 150.00	\$ -
25		Temporary Creek Crossing (18"/24" Diameter Pipes Installed)	LF	180	\$ 250.00	\$ 45,000.00
26		Temporary Creek Crossing (36" Diameter Pipes Installed)	LF	1120	\$ 350.00	\$ 392,000.00
27		Temporary Creek Crossing (42" Diameter Pipes Installed)	LF	3580	\$ 450.00	\$ 1,611,000.00
28		Tree and Shrub Replacement -3.5 gal	EA	120	\$ 175.00	\$ 21,000.00
29		Chainlink Fence 4ft	LF	100	\$ 30.00	\$ 3,000.00
30		Chainlink Fence 6ft	LF	100	\$ 35.00	\$ 3,500.00
31		Chain Link Fence (8 - 12 ft.) Removal & Replacement	LF	700	\$ 75.00	\$ 52,500.00
32		Wood Fence (4 ft.) Removal and Replacement	LF	0	\$ 30.00	\$ -
33		Wood Fence (6 ft.) Removal and Replacement	LF	150	\$ 40.00	\$ 6,000.00
34		Wood Fence (8 ft.) Removal and Replacement	LF	400	\$ 55.00	\$ 22,000.00
35		Pavement sawcutting, 1-8" thick G-005	LF	1046	\$ 15.00	\$ 15,690.00
36		Pavement Sawcutting additional thickness 1-4"	LF	0	\$ 10.00	\$ -
37		Unsuitable Soil Replacement (Crusher Run)	CY	680	\$ 55.00	\$ 37,400.00
38		Unsuitable Soil Replacement (Imported fill)	CY	90	\$ 35.00	\$ 3,150.00
39		Sodding to match existing	SY	250	\$ 14.00	\$ 3,500.00
40		Seeding to match existing	SY	39793	\$ 5.00	\$ 198,965.00
41		Silt Fence - per row	LF	22108	\$ 7.00	\$ 154,756.00
42		Road Pavement Patch, with Concrete Cap	SY	655	\$ 80.00	\$ 52,400.00
43		Road Pavement Patch, Asphalt per 2" Lift	SY	0	\$ 40.00	\$ -
44		Asphalt Milling & Overlay	SY	1839	\$ 55.00	\$ 101,145.00
45		Specialty Brick Paver Replacement	SY	1000	\$ 175.00	\$ 175,000.00
46		Specialty Brick Sidewalk Replacement	SY	0	\$ 200.00	\$ -
47		Asphaltic Concrete Driveway Replacement, Residential & Commercial 6" thick +/-	SY	0	\$ 60.00	\$ -
48		Asphaltic Concrete Driveway Replacement, Residential & Commercial - Additional 2" lift	SY	0	\$ 20.00	\$ -
49		Concrete Curb & Gutter, Remove and Replace	LF	375	\$ 50.00	\$ 18,750.00
50		Concrete Driveway Replacement, Residential & Commercial	SY	850	\$ 75.00	\$ 63,750.00
51		Concrete Driveway Replacement, Residential & Commercial - Additional 2" thickness	SY	0	\$ 25.00	\$ -
52		Concrete Sidewalk Replacement	SY	128	\$ 70.00	\$ 8,960.00
53		Concrete Sidewalk Replacement- Additional 2" thickness	SY	0	\$ 25.00	\$ -
54		Heavy Cleaning, 6" to 8" Diameter Pipe	LF	0	\$ 20.00	\$ -
55		Heavy Cleaning, 10" to 16" Diameter Pipe	LF	0	\$ 25.00	\$ -
56		Heavy Cleaning, 18" to 24" Diameter Pipe	LF	0	\$ 38.00	\$ -
57		Root Removal, 6" to 24"	LF	0	\$ 60.00	\$ -
58		Sewer Debris Removal and Disposal from Heavy Cleaning	Ton	380	\$ 300.00	\$ 114,000.00
59		Manhole Debris Removal and Disposal	CY	0	\$ 350.00	\$ -
60		Replace Existing with DIP, 8" Diameter, 0' to 12' Depth	LF	2585	\$ 180.00	\$ 465,300.00
61		Replace Existing with DIP, 8" Diameter, >12' Depth	LF	635	\$ 280.00	\$ 177,800.00
62		Replace Existing with DIP, 10" Diameter, 0' to 12' Depth	LF	200	\$ 180.00	\$ 36,000.00
63		Replace Existing with DIP, 10" Diameter, > 12' Depth	LF	195	\$ 300.00	\$ 58,500.00
64		Replace Existing with DIP, 12" Diameter, 0' to 12' Depth	LF	885	\$ 200.00	\$ 177,000.00
65		Replace Existing with DIP, 12" Diameter, > 12' Depth	LF	100	\$ 350.00	\$ 35,000.00
66		Replace Existing with DIP, 16" Diameter, 0-12' Depth	LF	1985	\$ 250.00	\$ 496,250.00

67	Replace Existing with DIP, 16" Diameter, >12' Depth	LF	1650	\$	300.00	\$	495,000.00
68	Replace Existing with DIP, 18" Diameter, 0-12' Depth	LF	0	\$	275.00	\$	-
69	Replace Existing with DIP, 18" Diameter, > 12' Depth	LF	2773	\$	375.00	\$	1,039,875.00
70	Replace Existing with DIP, 20" Diameter, 0' to 12' Depth	LF	400	\$	350.00	\$	140,000.00
71	Replace Existing with DIP, 20" Diameter, > 12' Depth	LF	116	\$	375.00	\$	43,500.00
72	Replace Existing with DIP, 24" Diameter, 0' to 12' Depth	LF	40	\$	350.00	\$	14,000.00
73	Replace Existing with DIP, 24" Diameter, > 12' Depth	LF	0	\$	400.00	\$	-
74	Replace Existing with PVC, 8" Diameter, 0' to 12' Depth	LF	0	\$	125.00	\$	-
75	Replace Existing with PVC, 8" Diameter, >12' Depth	LF	0	\$	200.00	\$	-
76	Replace Existing with PVC, 10" Diameter, 0' to 12' Depth	LF	9	\$	125.00	\$	1,125.00
77	Replace Existing with PVC 10" Diameter, > 12' Depth	LF	0	\$	290.00	\$	-
78	Replace Existing with PVC, 12" Diameter, 0' to 12' Depth	LF	0	\$	190.00	\$	-
79	Replace Existing with PVC, 12" Diameter, > 12' Depth	LF	0	\$	340.00	\$	-
80	Replace Existing with PVC, 15" Diameter, 0-12' Depth	LF	0	\$	210.00	\$	-
81	Replace Existing with PVC, 15" Diameter, >12' Depth	LF	0	\$	350.00	\$	-
82	48" Diameter, Precast Concrete, 0' to 8' Depth	EA	27	\$	5,000.00	\$	135,000.00
83	48" Diameter, Precast Concrete, >8' to 12' Depth	EA	22	\$	6,000.00	\$	132,000.00
84	48" Diameter, Precast Concrete, >12' to 16' Depth	EA	7	\$	8,000.00	\$	56,000.00
85	48" Diameter, Precast Concrete, >16' Depth	EA	4	\$	10,000.00	\$	40,000.00
86	60" Diameter, Precast Concrete, 0' to 8' Depth	EA	3	\$	6,000.00	\$	18,000.00
87	60" Diameter, Precast Concrete, >8' to 12' Depth	EA	8	\$	7,200.00	\$	57,600.00
88	60" Diameter, Precast Concrete, >12' to 16' Depth	EA	3	\$	8,500.00	\$	25,500.00
89	60" Diameter, Precast Concrete, >16' Depth	EA	3	\$	10,000.00	\$	30,000.00
90	Abandon & Fill Existing Manhole 4'-5' dia, Roadway, DWM Detail S-005 with grout	EA	0	\$	1,500.00	\$	-
91	Abandon & Fill Existing Manhole 6'-8' ' dia, Roadway, DWM Detail S-005 with grout	EA	4	\$	2,500.00	\$	10,000.00
92	Abandon & Fill Existing Manhole 4'-5' ' dia, Easement, DWM Detail S-005 with sand	EA	9	\$	1,500.00	\$	13,500.00
93	Abandon & Fill Existing Manhole 6'-8' dis., Easement, DWM Detail S-005 with Sand	EA	0	\$	2,500.00	\$	-
94	Remove and Dispose of Existing manhole	EA	41	\$	2,000.00	\$	82,000.00
95	Burst Existing 8", Replace with 8" DIP or HDPE	LF	283	\$	175.00	\$	49,525.00
96	Burst Existing 8", Replace with 10" DIP or HDPE	LF	0	\$	195.00	\$	-
97	Burst Existing 8", Replace with 12" DIP or HDPE	LF	210	\$	250.00	\$	52,500.00
98	Burst Existing 8", Replace with 16" DIP or HDPE	LF	0	\$	370.00	\$	-
99	Burst Existing 10", Replace with 10" DIP or HDPE	LF	0	\$	195.00	\$	-
100	Burst Existing 10", Replace with 12" DIP or HDPE	LF	0	\$	250.00	\$	-
101	Burst Existing 10", Replace with 16" DIP or HDPE	LF	0	\$	350.00	\$	-
102	Burst Existing 10", Replace with 18" DIP or HDPE	LF	0	\$	396.70	\$	-
103	Burst Existing 12", Replace with 12" DIP or HDPE	LF	0	\$	220.00	\$	-
104	Burst Existing 12", Replace with 16" DIP or HDPE	LF	0	\$	350.00	\$	-
105	Burst Existing 12", Replace with 18" DIP or HDPE	LF	0	\$	375.00	\$	-
106	Burst Existing 12", Replace with 20" DIP or HDPE	LF	0	\$	415.00	\$	-
107	Burst Existing 15", Replace with 16" DIP or HDPE	LF	0	\$	350.00	\$	-
108	Burst Existing 15", Replace with 18" DIP or HDPE	LF	0	\$	395.00	\$	-
109	Burst Existing 15", Replace with 20" DIP or HDPE	LF	0	\$	390.00	\$	-
110	Burst Existing 15", Replace with 24" DIP or HDPE	LF	0	\$	485.00	\$	-
111	Burst Existing 18", Replace with 20" DIP or HDPE	LF	0	\$	398.00	\$	-
112	Burst Existing 18", Replace with 24" DIP or HDPE	LF	0	\$	495.00	\$	-
113	Burst Existing 21", Replace with 24" DIP or HDPE	LF	0	\$	485.00	\$	-
114	Bursting Launching Pit, 0' to 10' Depth	EA	1	\$	10,000.00	\$	10,000.00
115	Bursting Launching Pit, >10' to 20' Depth	EA	0	\$	15,000.00	\$	-
116	Bursting Receiving Pit, 0' to 10' Depth	EA	1	\$	4,000.00	\$	4,000.00
117	Bursting Receiving Pit, >10' to 20' Depth	EA	0	\$	5,000.00	\$	-
118	Reconnection, 4"-6" Diameter, up to 5 LF, Any Depth	EA	60	\$	3,000.00	\$	180,000.00
119	Replacement, 4"-6" Diameter, to the ROW including cleanout Any Depth, PVC or DIP	LF	704	\$	220.00	\$	154,880.00
120	REMOVED	EA	0	\$	-	\$	-
121	REMOVED	LF	0	\$	-	\$	-
122	Cap or Plug Existing Service Lateral, Any Depth	EA	13	\$	750.00	\$	9,750.00
123	Sewer Cleanout at Edge of ROW or Edge of Easement	EA	6	\$	2,300.00	\$	13,800.00
124	Sewer, Internal Pipe Inspection Push Camera	EA	0	\$	1,500.00	\$	-
125	Rock Excavation	CY	1579	\$	150.00	\$	236,850.00
126	Pipe Boring and Jacking, 8"- 12" DIP carrier pipe in 18" to 22" Casing, per DWM stds.	LF	0	\$	350.00	\$	-
127	Pipe Boring and Jacking, 16"- 18" DIP carrier pipe in 30" Casing, per DWM stds.	LF	0	\$	450.00	\$	-
128	Pipe Boring and Jacking, 20"- 24" DIP carrier pipe in 32" to 36" Casing, per DWM stds.	LF	0	\$	495.00	\$	-
129	Pipe Boring and Jacking- Send & Receiving Pit at depth > 15 feet	VF	0	\$	1,000.00	\$	-
130	Grout Fill Abandoned, all diameter sewer	CY	0	\$	275.00	\$	-
131	Cut & Plug Existing Sewer Line, 6" to 12" Diameter	EA	20	\$	1,500.00	\$	30,000.00
132	Flowable Fill	CY	0	\$	250.00	\$	-
133	Concrete Encasement (Collard)	CY	494	\$	200.00	\$	98,800.00
138	Install 8" casing (steel)	LF	660	\$	275.00	\$	181,500.00
ENR CCI	Monthly average CCI currently yields a multiplier of 0.2	LS	1.00	\$	2,313,860.40	\$	2,313,860.40

Totals

\$ 15,271,478.64