



PROPOSED CHANGE ORDER REQUEST

Department of Watershed Management

Contract Name: Consent Decree Proactive and Reactive Assessment and Cleaning fo Gravity Sewer Lines (PRAC) Date: 2/14/2022
 Contractor: Metals and Materials Engineers, LLC
 Contract Number: 1240831 Contract Amendment Number: 1
 Contract Amendment Category: Cost Schedule Scope Deliverables

Original Contract \$ Amount:	Contract Start Date:	Original Contract Time:(TERM)	Original Contract End Date:
\$5,144,324.70	6/11/2021	1664	12/31/2025

NTP Start Date:	Original Performance Days:(TIME)	Original Performance End Date:
9/2/2021	1461	9/2/2025

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:
\$5,144,324.70	1461	9/2/2025	12/31/2025

Description of Proposed Changes: Amendment/Change Order No. 1 is being proposed in order to add funding to the Contract to enable the Contractor to provide additional crews to perform assessment and meet the productivity needs of DWM to remain compliant with the OSARP and CERP programs within the Consent Decree.

Justification of Proposed Changes: The CD-PRAC ITB 20-101220 was to be awarded to three bidders. NTP was provided to two bidders (MME being one of them) on 9/2/2021. The remaining bidder did not receive NTP due to outstanding performance and productivity issues on the existing Major Gravity Sewer Capacity Restoration Contract (1199834). Without the third contractor, a backlog is currently building to perform assessment work related to the CERP and OSARP programs under the CD. Five months into the contract, this has already built a backlog of over 20 miles of CCTV, nearly 1,000 manhole condition assessments, etc. that have not been completed. As one of the current performing contractors on the CD-PRAC that is meeting their individual productivity, this change order will allow MME to add additional crews to address the backlog and provide the assessments needed to keep up with the CD Programs. The County has also identified a critical need to support DWM flow meter crews in installing, maintaining, and removing existing flow meters within the County's sanitary sewer collection system. MME has demonstrated an ability to perform this work and additional funding will provide this service through the end of 2023. The Contractor will provide two field crews for the purpose of installation, removal, maintenance and calibration of sanitary sewer flow meters, data retrieval and download, and rain gauge maintenance to remain in compliance with the CD Flow Monitoring Program. Numerous urgent sewer point repairs are needed in various areas and as listed in the supporting documents. The trenchless point repairs are considered permanent repairs with an extended life expectancy which provides cost savings by avoiding excavation, costly pipe installation and property restoration. MME has already performed over 20 of these repairs at short notice under the CD-PRAC and have demonstrated workmanship that

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meets or exceeds the County Standards. The additional funds would allow MME to continue to perform trenchless point repairs for an additional year and replenish their allowance to to address failures in the system and prevent SSOs from occurring. Vented manhole covers are a source of inflow/infiltration (I/I) to the County's collection system. These vented covers can easily be changed to a solid manhole cover to help reduce I/I and restore capacity to the collection system without upsizing or adding linear footage. Under the Capacity Assurance Program, the reduction in I/I in the system will give the County a portion in credits to allow development. CD-PRAC is an ideal assessment contract to change these covers due to the volume of assets that assessment crews are already encountering as they perform their assessments.

Proposed Additional Performance Days:	Proposed Cumulative Performance Days:	Proposed Performance End Date:	Proposed Contract End Date:
0	1461	9/2/2025	1/31/2026
Proposed Changes to Dollar Amount:	Proposed Cumulative Contract Amount:	Amount Spent To Date as of (2/14/22):	
\$5,611,257.89	\$10,755,582.59	\$392,387.61	

Describe Any Risk Associated With This Change:

Effect of NOT Approving This Change:

Engineering Manager's Approval:

Accepted Signature: Brent Zern Digitally signed by Brent Zern
 Rejected Print Name: Brent Zern Date: 2022.02.15 14:08:58 -0500
 Date: February 15, 2022

Watershed Director's Approval:

Accepted Signature: David Hayes Digitally signed by David Hayes
 Rejected Print Name: David Hayes Date: 2022.02.25 12:06:52 -0500
 Date: 2.25.2022

Chief Operating Officer's Approval:

Accepted Signature: Zachary L. Williams Digitally signed by Zachary L. Williams
 Rejected Print Name: _____ Date: 2022.02.25 16:00:19 -0500
 Date: _____

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WCD 2 FOR REFERENCE

Item No.	Description	Unit	Total Quantity	Unit Price	Extended Total
WCD-2	Flow Meter Assistance – 3 person crew	HR	1,040	\$250	\$260,000

Description	Unit	Total Quantity	Unit Price	Crews	Extended Total
Flow Meter Assistance – 3 person crew	HR	3,960	\$250	2	\$1,980,000

Total Hours Calc

Months	23
Weeks	99
Hours per week	40
Total number of working hours	3960

MME WCD 3 FOR REFERENCE

1. Add three new Pay Items No. WCD-3.1, 3.2, 3.3 Total \$245,154.24.

Item No.	Description	Unit	Total Quantity	Unit Price	Extended Total
WCD-3.1	Internal Point Repairs - Batch 3-3	LS	1	\$130,266.63	\$130,266.63
WCD-3.2	Internal Point Repairs - Batch 3-4	LS	1	\$100,538.06	\$100,538.06
WCD-3.3	Internal Point Repairs - Batch 3-5	LS	1	\$14,349.55	\$14,349.55
					\$245,154.24

MME PROPOSED IPR Batch 4 TOTAL FOR REFERENCE

\$241,191.27

Should have the ability to do 25 more IPRs within a year

Avg cost per IPR \$10,572.73
 25 additional IPRs \$264,318.22

Description	Unit	Total Quantity	Unit Price	Extended Total
Additional Budget for IPRs for year	LS	1	\$750,663.73	\$750,663.73

MME Individual IPR Costs

\$13,783.40
 \$7,950.23
 \$16,896.04
 \$8,819.67
 \$7,973.11
 \$8,157.60
 \$14,032.83
 \$16,525.83
 \$8,253.30
 \$19,922.85
 \$7,951.77
 \$7,644.87
 \$8,417.46
 \$13,354.79
 \$6,130.17
 \$7,082.15
 \$18,385.88
 \$12,627.56
 \$14,369.39
 \$12,525.79
 \$7,128.25
 \$7,221.30
 \$13,852.99
 \$6,583.40
 \$6,336.50
 \$13,715.58
 \$7,533.12
 \$12,629.38
 \$6,637.60
 \$7,254.04
 \$20,460.20
 \$6,964.29
 \$7,483.03
 \$6,871.70
 \$26,797.46
 \$6,481.90
 \$6,095.66
 \$6,385.56
 \$11,844.92
 \$6,425.93
 \$6,474.53
 \$14,597.10
 \$6,371.64
 \$7,463.10
 \$12,676.57
 \$13,255.08

FROM PRAC SOV FOR REFERENCE

PROACTIVE

Item No.	Description	Quantity	UOM	Unit Cost
02607-11	Replace Manhole Covers (Standard, Waterproof)	85	EA	\$ 125.00

REACTIVE

Item No.	Description	Quantity	UOM	Unit Cost
02607-11	Replace Manhole Covers (Standard, Waterproof)	15	EA	\$ 125.00

Description	Unit	Total Quantity	Unit Price	Extended Total
Replace Manhole Cover (Reactive)	EA	250	\$125.00	\$31,250.00