



PROPOSED CHANGE ORDER REQUEST

Department of Watershed Management

Contract Name: Major Gravity Sewer Line Capacity Restoration Date: 6/13/2019
 Contractor: Compliance EnviroSystems, LLC
 Contract Number: 1057016 Contract Amendment Number: 2

Contract Amendment Category: Cost Schedule Scope Deliverables

Original Contract \$ Amount:	Contract Start Date:	Original Contract Time:	Original Contract End Date:
\$7,170,300.00	5/2/2017	973	12/31/2019
NTP Start Date:	Original Performance Days:	Original Performance End Date:	
5/3/2017	730	5/3/2019	
Previous Change Order:	Previous Time Extensions (Days):	Previous Changes to \$ Amount:	
Change Order No. 1:	123	\$0.00	
Current Contract Amount:	Current Performance Time (Days):	Current Performance End Date:	
\$7,170,300.00	853	9/3/2019	

Description of Proposed Changes: Amendment/Change Order No. 2 is being proposed in order to permit the contractor the additional time and funding necessary to perform the original scope of work delayed due to unforeseen conditions found during the Totally Integrated Sonar and CCTV Inspection Technique (TISCIT) process and found to be necessary for the operation of the collection system and funding with which to perform this work.

Justification of Proposed Changes: *A critical need was identified during the assessment of the large diameter trunk line upstream of the Snapfinger Wastewater Treatment Plant (WWTP) for assistance in cleaning the large vaults at the Snapfinger WWTP intakes. Excessive sediment at the inlet was associated with a sanitary sewer overflow at the plant. This was labor and equipment intensive confined space work outside of the ability of County forces and an unforeseen condition not included in the original contract. This cleaning provided plant operations staff greater influent storage for routing high flows through the plant. *The contracted assessment revealed a 40" diameter outfall sanitary sewer line discovered to be abandoned that was filled to a depth of 65% with compacted solids and debris for a distance of approximately 3,400 linear feet. Cleaning of this line was critical to the operation of the wastewater collection system. The excessive amount of debris in this line was an unforeseen condition not included in the original contract. The crossing has been restored and reinstatement of this line will provide added capacity to the collection system for those areas west of the Snapfinger WWTP. County forces are not equipped to perform large diameter cleaning of this scope of work. *The Contractor has made a repair of an existing 24" diameter sanitary sewer line (Johnson's Ferry Rd) that was identified during the assessment process. The pipe was found to have structural issues that could result in a pipe failure and subsequent sanitary sewer overflow into Nancy Creek. *The Contractor subcontracted all cleaning under the Contract with an LSBE Contractor who has since indicated that the work could not be done because they're incapable of performing the work and complete it within the time frame required. The prime Contractor is unable to perform the work at the price quoted by the original sub. Therefore, a change in the unit price for line item 02956-4.1, cleaning & verification up to 15% average cross sectional area blockage, 18" to 36" diameter pipe from \$7.30 per linear foot (LF) to \$14.60 per LF is required to fulfill this need. In summation, the work associated with the Waldrop Rd cleaning has resulted in the Contractor's use of 3 to 4 cleaning crews that would have been utilized for the other cleaning assignments associated with the normal assessments and has put the Contractor behind schedule on that work. Likewise, effort spent on the other items caused the Contractor to redirect effort from the contracted work. Because of the low unit price given by the cleaning sub-contractor a change in the unit price is needed. The proposed changes in time and funding will allow the Contractor the ability to complete the initial work assignment and associated pipe cleaning.

Proposed Additional Performance Days:	Proposed Cumulative Performance Days:	Proposed Performance End Date:	Proposed Contract End Date:
119	972	12/31/2019	
Proposed Changes to Dollar Amount:	Proposed Cumulative Contract Amount:	Amount Spent To Date as of (6/13/19):	
\$1,830,000.00	\$9,000,300.00	\$4,549,762.60	

Describe Any Risk Associated With This Change: The Contract may terminate due to lack of funding with line segment cleaning and assessment going undone until another contract is procured and underway.

Effect of NOT Approving This Change: 1) Cleaning Vaults @ Snapfinger WWTP: The risk in not cleaning the vaults is associated with capacity reduction within the inlet to the Snapfinger WWTP and associated increased probability of sanitary sewer overflows into the South River if not cleaned-work is done; 2) Waldrop Rd Cleaning with Internal Point Repair: Cleaning (1,378 Tons of compacted solids removed) and repair (internal CIPP lining to eliminate gusher) of this line and its associated return to service in the Sanitary Sewer Collection System enabled the County to reinstall an abandoned creek crossing thus providing additional capacity for the basin west of the crossing and a reduced probability for sanitary sewer overflows. Hydraulic modeling indicated that the replacement of this crossing would provide additional capacity to the upstream lines which for development purposes were capacity limited, thus the re-commissioning of the line allows for additional development upstream-work is done; 3) Johnson's Ferry Rd Pipe Repair: The pipe had a structural failure and the risk to the County would be a total collapse of the pipe with subsequent sanitary sewer overflows into Nancy Creek-work is done; 4) Cleaning & Verification Line Item Change: Due to the inability to sub-contract with other contractors with supplemental crews provided by the prime, the needed cleaning will not be accomplished within the time limits of the Contract.

With the work completed, the continued risk to the Contract is the funding expended on these items has reduced the amount of funding for the assessment and cleaning work remaining. The current funding may not provide for work through the end of the Contract Term and thus cause work to be delayed until another Contract is let. The prime Contractor will complete the cleaning assignment.

Engineering Manager's Approval:

Accepted
 Rejected

Signature: Darren Eastall
Print Name: Darren Eastall
Date: 6/13/2019

Digitally signed by Darren Eastall
DN: cn=Darren Eastall, o=DeKalb County, email=deastall@dekalbcountyga.gov, c=US
Date: 2019.06.13 16:12:45 -0400

Watershed Director's Approval:

Accepted
 Rejected

Signature: Reginald Wells
Print Name: Reginald Wells
Date: 6/13/2019

Digitally signed by Reginald Wells
Date: 2019.06.13 16:12:45 -0400

Deputy Chief Operating Officer's Approval:

Accepted
 Rejected

Signature: [Handwritten Signature]
Print Name: T. Rhinolt
Date: 6/17/19

Chief Operating Officer's Approval:

Accepted
 Rejected

Signature: [Handwritten Signature]
Print Name: _____
Date: 6/19/19

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