



PROPOSED CHANGE ORDER REQUEST

Department of Watershed Management

Contract Name: OSARP Sanitary Sewer Tiered Assessment for Small Diameter Gravity Sewer Date: 10/29/2020
 Contractor: EnviroWaste Service Group, Inc
 Contract Number: 1188362 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:
\$2,654,950.00	4/8/2020	997	12/31/2022

NTP Start Date:	Original Performance Days:(TIME)	Original Performance End Date:
4/30/2020	790	6/29/2022

Previous Change Order:	Previous Time Extensions (Days):	Previous Changes to \$ Amount:
Change Order No. 1:	0	\$0.00

Current Contract Amount:	Current Performance Time (Days):	Current Performance End Date:
\$2,654,950.00	790	6/29/2022

Description of Proposed Changes: Amendment/Change Order No. 1 is being proposed in order to: **1. Assist with Flow Monitoring Services (\$314,400):** Permit the contractor the additional funding to provide field crews for the purpose of supplementing County crews performing flow meter installation, removal, and maintenance and calibration with associated data retrieval/download and rain gauge maintenance. The unit price is \$150 per (two-person) crew per hour for two, 2-person crews with necessary equipment (manpower, truck, field tablet(s)) included to enable completion of a turn-key assignment for one year. **2. Replenish funds to Allowances Line Item (\$288,000):** Funds were used for immediate flow monitoring support services that were unanticipated and need to be replenished to provide adequate funding for future unforeseeable services. **3. CCTV Services (\$984,000):** Permit the contractor to provide pre-CCTV inspections in accordance with the CERP contract as well as to provide verification of cleaning from small diameter cleaning contractors. * Pre-CCTV < 8": 600,000 LF x \$1.50 LF * Pre-CCTV > 8": 42,000 LF x \$2.00 LF
 The additional funding will provide sufficient funds for the Contractor to provide required services per contract and items described in this Change Order.

Justification of Proposed Changes: The County has identified a critical need for assistance in installing, maintaining, and removing existing flow meters within the County's sanitary sewer collection system. EWSG has demonstrated an ability to perform this work and additional funding will provide this service for twelve months from commencement of services. Flow meters are a critical part of the County's infrastructure assessment process as the meters provide the engineers information necessary to estimate the presence and volume of rainfall dependent and groundwater induced inflow and infiltration into the collection system. Monitoring provides information necessary to determine the adequacy of the collection system at various locations within the County and is the foundation of the hydraulic models which predict hydraulic profiles for various sewer segments, wet and dry weather flow conditions, peaking factors, and pressure and volumes of flow in force mains and will drive development review within the County. The critical need for meter maintenance, calibration and data download is driven by the necessity to maintain and download data from these meters at least twice per month. 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. Pre-CCTV Services: This is one of the most critical activities in the County's efforts to continue reducing the number of sanitary sewer backups, spills, and overflows. The visual inspections allow the County to increase the level of QA/QC-related pipe inspections in its efforts to visually ensure the lines were properly cleaned and free of debris that can cause obstructions or backups in the lines.

Proposed Additional Performance Days:	Proposed Cumulative Performance Days:	Proposed Performance End Date:	Proposed Contract End Date:
Proposed Changes to Dollar Amount:	Proposed Cumulative Contract Amount:		Amount Spent To Date as of (10/29/20):
\$1,586,400.00	\$4,241,350.00		\$161,682.84

Describe Any Risk Associated With This Change: None

Effect of NOT Approving This Change: It will delay the timely installation, maintenance, calibration and data retrieval for the many flow meters in the County's collection system, necessary for compliance with the EPA/EPD Consent Decree, as well as compromise efforts to make sewer-related repairs as DWM continues to reduce sewer-related issues such as spills and major events.

Engineering Manager's Approval:

- Accepted
 Rejected

Signature: Brent Zern
Print Name: Brent Zern
Date: 11/4/2020

Watershed Director's Approval:

- Accepted
 Rejected

Signature: Reginald Wells
Print Name: Reginald Wells
Date: 11/5/2020

Chief Operating Officer's Approval:

- Accepted
 Rejected

Signature: [Signature]
Print Name: Zachary L. Williams
Date: 11/13/20

Contract Name:

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