

## Department of Public Works

City Hall  
730 Washington Avenue  
Racine, WI 53403  
(262) 636-9121 - Public Works  
(262) 636-9166 - Engineering



John C. Rooney, P.E.  
Commissioner of Public Works

Ronald J. Pritzlaff, P.E.  
Asst. Comm. of Public Works/Operations

Ara P. Molitor, P.E.  
City Engineer

November 1, 2023

TO: Alder Mollie Jones, Chair

FROM: Ara P. Molitor, P.E.  
City Engineer

RE: Contract # 2023042 2023 – CIPP Lining (RWP)

We are submitting Change Order No. 1 on the above contract in the amount of \$598,400.00.

The original contract was approved in the amount of \$1,293,398.00 under Resolution No. 00232-23 of March 21, 2022. This change order brings the contract total to \$1,891,798.00.

**Background:** On July 11 2023, we brought to this Committee a bid result for Grouting Laterals that came in at \$3,145,000 to complete 94 laterals or nearly \$33,500 per lateral. At that time we recommended to “Receive and File.” This Change Order is to take care of those same laterals by lining them with “Cured-in-place” Lining. Traditionally Lining is more expensive alternative than grouting, but the bid for grouting was excessive. Grouting lasts on average 10-15 years, whereas Lining can last 25-50 years or more. It is essentially replacing the pipe with a stronger pipe without joints. This Change Order in comparison is approximately \$6,400 +/- per lateral. This work is part of the approved plan by the Racine Wastewater Utility Commission for the City of Racine to reduce inflow and infiltration at the Racine Wastewater Treatment Plant during wet weather events.

Funding should be appropriated from the following accounts

<u>ORG OBJECT</u>	<u>Description</u>	<u>Amount</u>
40101 57560	Sanitary Sewer	\$598,400.00
	<b>Total</b>	\$598,400.00