## TO THE BOARD OF PUBLIC WORKS CITY OF WAUKESHA, WISCONSIN

Periodical estimate for Partial Payment No. 9 to Visu-Sewer, Inc., W230 N4855 Betker Dr., Pewaukee, WI 53072 for Concrete Sanitary Sewer Lining and Manhole Rehabilitation - 2016

Contract No. 3956 7/19/2016 \$ 1,204,597.10 \$ 1,237,566.10 (Amended)

Item No	Quantity	Description			Cost	Per Unit	Amount
1	1,766	Lin. Ft. of 30-Inch Sanitary Sewer Lining		\$	147.75	Lin. Ft.	\$260,926.50
		(CIPP)	<b>@</b>				
2	90	Lin. Ft. of 27-Inch Sanitary Sewer Lining	<b>a</b>	\$	262.50	Lin. Ft.	\$23,625.00
3	2,971	(CIPP) Lin. Ft. of 24-Inch Sanitary Sewer Lining	-	\$	109.00	Lin. Ft.	\$323,839.00
3	2,971	(CIPP)	<b>@</b>	Φ	109.00	Lin. Ft.	\$323,839.00
4	4,094	Lin. Ft. of 21-Inch Sanitary Sewer Lining (CIPP)	<b>@</b>	\$	97.35	Lin. Ft.	\$398,550.90
5	809	Lin. Ft. of 15-Inch Sanitary Sewer Lining (CIPP)	@	\$	85.75	Lin. Ft.	\$69,371.75
6	43	Lateral Reconnections	@	\$	250.00	Each	\$10,750.00
7	26	Lateral Test and Seal	@	\$	425.00	Each	\$11,050.00
. 8	11	Replace Cover	@	\$	105.00	Each	\$1,155.00
9	2	Replace Frame and Cover	@	\$	2,625.00	Each	\$5,250.00
10	12	Replace Chimney, Frame, and Cover	@	\$	2,995.00	Each	\$35,940.00
11	30	Rehabilitate Manhole with Cementitious	(a)	\$	1,605.00	Each	\$48,150.00
12	2	Liner (Approx. 360 Vert. Ft.)		Φ	262.00	T1-	\$707.00
12	3	Bench / Invert / Trough Work Minor	@	\$	262.00	Each	\$786.00
13	12	Install Chimney Seal	@	\$	131.00	Each	\$1,572.00
14	23	Topsoil and Sod	@	\$	21.00	Sq. Yd.	\$483.00
15	150	Topsoil and Seed	@	\$	16.00	Sq. Yd.	\$2,400.00
16	20	Clearing	<b>@</b>	\$	1.00	Sta	\$20.00
Extra #1	12.0	Lateral Connection Repairs	@	\$	1,475.00	Hours	\$17,700.00
Extra #2	1	Dewatering for Lateral Repairs	@	\$	11,920.00	<b>Lump Sum</b>	\$11,920.00
Extra #3	36.0	Curb and Gutter Repair	@	\$	38.50	Lin. Ft.	\$1,386.00
Extra #4	100.0	Concrete Sidewalk	<b>a</b>	\$	5.50	Sq. Ft.	\$550.00
Extra #5	9.5	Asphalt Patching	<b>a</b>	\$	79.00	Sq. Yd.	\$750.50
Extra #6	2.5	Sewer Televising of Lateral Repairs	@	\$	265.00	Hours	\$662.50
	Total						\$1,226,838.15
		Less Retainage					\$15,000.00
		Total					\$1,211,838.15
		Less Previosuly Paid					\$1,142,379.64
	Total Amount Due					_	\$69,458.51

This estimate has been checked by the Engineering Department and we recommend that the above amount of \$69,458.51 be allowed.

Respectfully Submitted,

Fred V. Abadi, PhD., P.E. Director of Public Works