February 22, 2018

TO THE BOARD OF PUBLIC WORKS
CITY OF WAUKESHA, WISCONSIN

Periodical estimate for Partial Payment No. 5 to Visu-Sewer, Inc., W230 N4855 Betker Drive, Pewaukee, WI 53072 for Concrete Sanitary Sewer Lining And Manhole Rehabilitation - 2017.

Contract No. 3985 2/23/2017 $1,060,104.00

$1,082,715.88 (Amended)

Item No	Bid Quantity	Completed Quantity	Description			Cost	Per Unit	Amount
1	1,960	1,959	Lin. Ft. of 36-Inch Sanitary Sewer Lining (CIPP)	@	$	175.00	Lin. Ft.	$342,825.00
2	2,565	2,565	Lin. Ft. of 27-Inch Sanitary Sewer Lining (CIPP)	@	$	105.00	Lin. Ft.	$269,325.00
3	1,774	1,774	Lin. Ft. of 21-Inch Sanitary Sewer Lining (CIPP)	@	$	85.50	Lin. Ft.	$151,677.00
4	73	76	Lateral Reconnections	@	$	150.00	Each	$11,400.00
5	**73**	**63**	**Lateral Connection Test and Seal**	**@**	**$**	**150.00**	**Each**	**$9,450.00**
6	1	1	Replace Cover	@	$	144.20	Each	$144.20
7	20	23	Replace Chimney, Frame, and Cover	@	$	1,998.20	Each	$45,958.60
8	26	3	Rehabilitate Manhole with Cementitious Liner (Approx. 305 Vert. Ft.)	@	$	1,197.00	Each	$3,591.00
9	3	3	Bench / Invert / Trough Work Minor	@	$	1,359.60	Each	$4,078.80
10	21	0	Install Chimney Seal	@	$	566.50	Each	$0.00
11	1	1	Install Inside Pipe Drop (Approx. 7 Vert. Ft.)	@	$	2,472.00	Each	$2,472.00
12	5	5	Asphalt Pavement Patching	@	$	1,030.00	Each	$5,150.00
13	14,300	14,911	Sq. Ft. of 8-Inch Concrete Pavement Patching (3000 psi in 72 Hours)	@	$	8.24	Sq. Ft.	$122,866.64
14	2,600	2,957	Lin. Ft. of Concrete Sawing, 8-Inch in Depth	@	$	4.12	Lin. Ft.	$12,182.84
15	750	736	Drilled Tie Bars	@	$	5.15	Each	$3,790.40
16	800	757	Hot Mix Asphalt (HMA) Pavement Railroad Blend Area	@	$	58.71	Sq. Yd.	$44,443.47
Extra #1		1	Undercut Excavation, Backfill, and Compaction	@	$	4,186.80	Lump Sum	$4,186.80
Extra #2		1	CN Railroad Flagging (at 50%)	@	$	11,850.00	Lump Sum	$5,925.00
			Total					$1,039,466.75
			Less Retainage					$26,502.60
			Total					$1,012,964.15
			Less Previosuly Paid					$1,012,514.15
			Total Amount Due					$450.00

This estimate has been checked by the Engineering Department and we recommend that the above amount of $450.00 be allowed.

Respectfully Submitted,

FVAbadi

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

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