

November 6, 2014

TO THE BOARD OF PUBLIC WORKS
CITY OF WAUKESHA, WISCONSIN

Periodical estimate for Partial Payment No. 6 (FINAL) to Terra Engineering & Construction Corp., 2201 Vondron Rd., Madison, WI 53718-6795 for Minooka Parkway Estates Sanitary Sewer Lining.

Contract No. 3817

4/4/2013

\$ 478,313.25

No	Quantity	Description	@	Cost	Per Unit	Amount
1	525.1	Lin. Ft. of 12" Diameter Resin Impregnated Flexible Cured In Place Pipe Liner	@	\$37.75	Lin. Ft.	\$19,822.53
2	539.8	Lin. Ft. of 10" Diameter Resin Impregnated Flexible Cured In Place Pipe Liner	@	\$26.50	Lin. Ft.	\$14,304.70
3	11,399.9	Lin. Ft. of 8" Diameter Resin Impregnated Flexible Cured In Place Pipe Liner	@	\$23.00	Lin. Ft.	\$262,197.70
4	206	Lateral Reconnections	@	\$75.00	Each	\$15,450.00
5	199	Lateral Connection Test and Seals	@	\$266.00	Each	\$52,934.00
6	52	Replace Cover	@	\$63.00	Each	\$3,276.00
7	3	Replace Cover and Frame	@	\$2,625.00	Each	\$7,875.00
8	8	Replace Cover, Frame and Chimney	@	\$2,730.00	Each	\$21,840.00
9	1	Replace Cover, Frame and Chimney on MH 1207 in Hwy. 59/164 (Approx. 0.6 Vert. Ft.)	@	\$5,250.00	Each	\$5,250.00
10	54	Rehabilitate Chimney with a Cementitious Liner (Approx. 60.2 Vert. Ft.)	@	\$362.25	Each	\$19,561.50
11	5	Rehabilitate Entire Manhole with a Cementitious Liner (Approx. 45.3 Vert. Ft.)	@	\$1,575.00	Each	\$7,875.00
12	19	Bench, Invert, Trough Work Minor	@	\$367.50	Each	\$6,982.50
13	12	Bench, Invert, Trough Work Major	@	\$945.00	Each	\$11,340.00
14	4	Install Inside Drop Pipe (Approx. 8.7 Vert. Ft.)	@	\$2,415.00	Each	\$9,660.00
15	58	Install Internal Chimney Seal (Approx. 79.6 Vert. Ft.)	@	\$375.00	Each	\$21,750.00
Total						\$480,118.93
Less Amount Previously Paid						\$475,118.93
Total Amount Due						\$5,000.00

This estimate has been checked by the Engineering Department and we recommend that the above amount of \$5,000.00 be allowed.

Respectfully Submitted,



Fred V. Abadi, PhD., P.E.

Director of Public Works