

**Bid Tabulation**

**Bid Date: September 19, 2014      Time: 10:00 AM**  
**City of Hollywood, Florida**  
**Deapartment of Public utilities- Engineering and Construction Services Division (ECSD)**  
**Project No.: 14-7072      Project Name: Cured-In-Place-Pipe (CIPP) Lining**

				LANZO LINNING SERVICES, INC.		RIC-MAN CONSTRUCTION FI	
<u>No.</u>	<u>Description</u>	<u>Qty.</u>	<u>Unit</u>	<u>Unit Price</u>	<u>Total</u>	<u>Unit Price</u>	<u>Total</u>
1	Install CIP liner, 6-inch diameter gravity mains (up to 8 feet in depth)		L.F.	\$30.00	\$0.00	\$31.00	\$0.00
2	Install CIP liner, 8-inch diameter gravity mains (up to 8 feet in depth)	5,000	L.F.	\$22.00	\$110,000.00	\$31.00	\$155,000.00
3	Install CIP liner, 8-inch diameter gravity mains ( 8 to 12 feet in depth)	1,500	L.F.	\$22.00	\$33,000.00	\$31.00	\$46,500.00
4	Install CIP liner, 8-inch diameter gravity mains (12 to 16 feet in depth)	1,500	L.F.	\$22.00	\$33,000.00	\$31.00	\$46,500.00
5	Install CIP liner, 10-inch diameter gravity mains (up to 8 feet in depth)	1,500	L.F.	\$24.00	\$36,000.00	\$34.00	\$51,000.00
6	Install CIP liner, 10-inch diameter gravity mains (8 to 12 feet in depth)	1,500	L.F.	\$24.00	\$36,000.00	\$34.00	\$51,000.00
7	Install CIP liner, 10-inch diameter gravity mains (12 to 16 feet in depth)	1,500	L.F.	\$24.00	\$36,000.00	\$34.00	\$51,000.00
8	Install CIP liner, 12-inch diameter gravity mains (up to 8 feet in depth)	15,000	L.F.	\$32.00	\$480,000.00	\$43.00	\$645,000.00
9	Install CIP liner, 12-inch diameter gravity mains (8 to 12 feet in depth)	3,500	L.F.	\$32.00	\$112,000.00	\$43.00	\$150,500.00
10	Install CIP liner, 12-inch diameter gravity mains (12 to 16 feet in depth)	1,500	L.F.	\$32.00	\$48,000.00	\$43.00	\$64,500.00
11	Install CIP liner, 15-inch diameter gravity mains (up to 8 feet in depth)	5,000	L.F.	\$25.00	\$125,000.00	\$49.00	\$245,000.00
12	Install CIP liner, 15-inch diameter gravity mains (8 to 12 feet in depth)	7,500	L.F.	\$44.00	\$330,000.00	\$49.00	\$367,500.00
13	Install CIP liner, 15-inch diameter gravity mains (12 to 16 feet in depth)	1,500	L.F.	\$44.00	\$66,000.00	\$49.00	\$73,500.00
14	Install CIP liner, 16-inch diameter gravity mains (up to 8 feet in depth)	1,000	L.F.	\$25.00	\$25,000.00	\$51.00	\$51,000.00
15	Install CIP liner, 16-inch diameter gravity mains (8 to 12 feet in depth)	1,000	L.F.	\$50.00	\$50,000.00	\$51.00	\$51,000.00
16	Install CIP liner, 16-inch diameter gravity mains (12 to 16 feet in depth)	1,500	L.F.	\$56.00	\$84,000.00	\$51.00	\$76,500.00

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<u>No.</u>	<u>Description</u>	<u>Qty.</u>	<u>Unit</u>	<u>Unit Price</u>	<u>Total</u>	<u>Unit Price</u>	<u>Total</u>
17	Install CIP liner, 18-inch diameter gravity mains (up to 8 feet in depth)	1,000	L.F.	\$25.00	\$25,000.00	\$62.00	\$62,000.00
18	Install CIP liner, 18-inch diameter gravity mains (8 to 12 feet in depth)	5,500	L.F.	\$50.00	\$275,000.00	\$62.00	\$341,000.00
19	Install CIP liner, 18-inch diameter gravity mains (12 to 16 feet in depth)	1,000	L.F.	\$56.00	\$56,000.00	\$62.00	\$62,000.00
20	Install CIP liner, 21-inch diameter gravity mains (up to 8 feet in depth)	1,000	L.F.	\$25.00	\$25,000.00	\$82.00	\$82,000.00
21	Install CIP liner, 21-inch diameter gravity mains (8 to 12 feet in depth)	2,500	L.F.	\$72.00	\$180,000.00	\$82.00	\$205,000.00
22	Install CIP liner, 21-inch diameter gravity mains (12 to 16 feet in depth)	1,000	L.F.	\$72.00	\$72,000.00	\$82.00	\$82,000.00
23	Install CIP liner, 20 to 21-inch diameter gravity mains (UP to 8 feet in depth)	3,500	L.F.	\$25.00	\$87,500.00	\$82.00	\$287,000.00
24	Install CIP liner, 20 to 21-inch diameter gravity mains (8 to 12 feet in depth)	1,500	L.F.	\$72.00	\$108,000.00	\$82.00	\$123,000.00
25	Install CIP liner, 20 to 21-inch diameter gravity mains (12 to 16 feet in depth)	1,000	L.F.	\$72.00	\$72,000.00	\$82.00	\$82,000.00
26	Install CIP liner, 24-inch diameter gravity mains (All depths)	6,500	L.F.	\$98.00	\$637,000.00	\$90.00	\$585,000.00
27	Install CIP liner, 30-inch diameter gravity mains (All depths)	7,500	L.F.	\$108.00	\$810,000.00	\$122.00	\$915,000.00
28	Install CIP liner, 36-inch diameter gravity mains (All depths)	1,500	L.F.	\$138.00	\$207,000.00	\$158.00	\$237,000.00
29	Install CIP liner, 42-inch diameter gravity mains (All depths)	1,500	L.F.	\$198.00	\$297,000.00	\$210.00	\$315,000.00
30	Install CIP liner, 48-inch diameter gravity mains (All depths)	2,500	L.F.	\$228.00	\$570,000.00	\$260.00	\$650,000.00
31	Install CIP liner, 72-inch diameter gravity mains (All depths)	500	L.F.	\$500.00	\$250,000.00	\$590.00	\$295,000.00

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<u>No.</u>	<u>Description</u>	<u>Qty.</u>	<u>Unit</u>	<u>Unit Price</u>	<u>Total</u>	<u>Unit Price</u>	<u>Total</u>
32	Excavate & cut 12 inch FM, attach bypass piping system, bypass flow of 12" FM, restore FM (see Note #4 )		EA	\$58,000.00	\$0.00	\$54,000.00	\$0.00
33	Excavate & cut 16 inch FM, no bypass		EA	\$78,000.00	\$0.00	\$27,000.00	\$0.00
34	Excavate & cut 16 inch FM, attach bypass piping system, bypass flow of 16" FM (see Note #4 )		EA	\$98,000.00	\$0.00	\$58,000.00	\$0.00
35	Excavate & cut 24 inch FM, attach bypass piping system, bypass flow of 24" FM, restore FM (see Note #4 )		EA	\$138,000.00	\$0.00	\$76,000.00	\$0.00
36	Excavate & cut 30 inch FM, attach bypass piping system, bypass flow of 30" FM, restore FM (see Note #4 )		EA	\$198,000.00	\$0.00	\$91,000.00	\$0.00
37	Excavate & cut 36 inch FM, attach bypass piping system, bypass flow of 36" FM, restore FM (see Note #4 )		EA	\$238,000.00	\$0.00	\$122,000.00	\$0.00
38	Install CIP sectional pipe liners, 8-inch to 12-inch diameter (up to 6 feet in length, all depths)		EA	\$3,200.00	\$0.00	\$1,950.00	\$0.00
39	Install CIP sectional pipe liners, 8-inch to 12-inch diameter (per linear foot beyond 6 feet in length, all depths)		L.F.	\$320.00	\$0.00	\$140.00	\$0.00
40	Install CIP sectional pipe liners, 15-inch to 18-inch diameter (up to 6 feet in length, all depths)		EA	\$4,400.00	\$0.00	\$2,700.00	\$0.00
41	Install CIP sectional pipe liners, 15-inch to 18-inch diameter (per linear foot beyond 6 feet in length, all depths)		L.F.	\$440.00	\$0.00	\$170.00	\$0.00
42	Install CIP sectional pipe liners, 21-inch diameter (up to 6 feet in length, all depths)		EA	\$5,600.00	\$0.00	\$4,000.00	\$0.00
43	Install CIP sectional pipe liners, 21-inch diameter (per linear foot beyond 6 feet in length, all depths)		L.F.	\$560.00	\$0.00	\$270.00	\$0.00
44	Install CIP liner 16" force main	7,500	L.F.	\$90.00	\$675,000.00	\$93.00	\$697,500.00

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45	Install CIP liner 24" force main	2,500	L.F.	\$110.00	\$275,000.00	\$134.00	\$335,000.00
46	Reinstate laterals and grout annular space		EA	\$585.00	\$0.00	\$700.00	\$0.00
47	Recut lateral insufficiently reinstated by others		EA	\$300.00	\$0.00	\$400.00	\$0.00
48	Grout annular space following recut of lateral insufficiently reinstated by others		EA	\$425.00	\$0.00	\$400.00	\$0.00
49	Install T-liner in 8-inch to 12-inch mains with 4-inch to 6-inch laterals., all depths (includes 25 feet of lateral)	40	EA	\$3,500.00	\$140,000.00	\$3,900.00	\$156,000.00
50	Install T-liner in 15-inch to 18-inch mains with 4-inch to 6-inch laterals., all depths (includes 25 feet of lateral)		EA	\$5,500.00	\$0.00	\$4,700.00	\$0.00
51	Install T-liner in 21-inch mains with 4-inch to 6-inch laterals., all depths (includes 25 feet of lateral)		EA	\$6,500.00	\$0.00	\$5,500.00	\$0.00
51.a	Install a T- Liner in, stack pipe, double lateral, 8 to 12-inch main 4 to 6 inch stack, full circle main connection, min 25 LF of lateral each way (all depth)	10	EA	\$5,500.00	\$55,000.00	\$7,500.00	\$75,000.00
51.b	Install a T- Liner in, stack pipe, double lateral, 15 to 18-inch main 4 to 6 inch stack, full circle main connection, min 25 LF of lateral each way (all depth)	10	EA	\$5,500.00	\$55,000.00	\$8,200.00	\$82,000.00
52	Install T-liner in 4-inch to 6-inch laterals., all depths (per linear foot beyond 25 feet of lateral)		L.F.	\$220.00	\$0.00	\$460.00	\$0.00
53	Transitional liner 6-inch to 4-inch		EA	\$500.00	\$0.00	\$325.00	\$0.00
54	Coating removal		EA	\$100.00	\$0.00	\$400.00	\$0.00
55	Lateral grouting ( if required in preparation for T-Liner, lateral liner, or mainline/lateral connection interface seal installation)		EA	\$400.00	\$0.00	\$300.00	\$0.00

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56	Install CIP liner in 4-inch to 6-inch laterals., all depths (includes 25 feet of lateral)		EA	\$2,800.00	\$0.00	\$2,600.00	\$0.00
57	Install CIP liner in 4-inch to 6-inch laterals., all depths (per linear foot beyond 25 feet of lateral)		L.F.	\$280.00	\$0.00	\$45.00	\$0.00
58	Install CIP mainline/lateral connection interface seal in any size main with 4-inch to 6-inch laterals., all depths		EA	\$4,800.00	\$0.00	\$2,300.00	\$0.00
59	Sewer main cleaning and TV inspection (6-inch through 12-inch)	32,500	L.F.	\$2.50	\$81,250.00	\$1.50	\$48,750.00
60	Sewer main cleaning and TV inspection (15-inch through 21-inch)	35,500	L.F.	\$3.50	\$124,250.00	\$4.00	\$142,000.00
61	Sewer main cleaning and TV inspection (24-inch through 48-inch)	19,500	L.F.	\$4.50	\$87,750.00	\$5.50	\$107,250.00
62	Sewer lateral cleaning and TV inspection from main (up to 30 feet)		EA	\$600.00	\$0.00	\$300.00	\$0.00
63	Sewer lateral cleaning and TV inspection from main (beyond 30 feet)		L.F.	\$6.00	\$0.00	\$7.00	\$0.00
64	Sewer lateral cleaning and TV inspection from cleanout (up to 30 feet)		EA	\$800.00	\$0.00	\$300.00	\$0.00
65	Sewer lateral cleaning and TV inspection from cleanout (beyond 30 feet)		L.F.	\$8.00	\$0.00	\$7.00	\$0.00
66	Mechanical root or grease removal (12-inch and smaller)		L.F.	\$12.00	\$0.00	\$8.00	\$0.00
67	Mechanical root or grease removal (15-inch through 21-inch)		L.F.	\$20.00	\$0.00	\$16.00	\$0.00
68	Mechanical tuberculation/concrete removal (12-inch and smaller)		L.F.	\$30.00	\$0.00	\$11.00	\$0.00
69	Mechanical tuberculation/concrete removal (15-inch through 21-inch)		L.F.	\$40.00	\$0.00	\$13.00	\$0.00

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70	Protruding service connection removal by internal means		EA	\$400.00	\$0.00	\$350.00	\$0.00
71	Bypass pumping (6-inch through 10-inch sewer)	15	DAY	\$400.00	\$6,000.00	\$300.00	\$4,500.00
72	Bypass pumping (12-inch and 15-inch sewer)	5	DAY	\$1,400.00	\$7,000.00	\$350.00	\$1,750.00
73	Bypass pumping (18-inch through 21-inch sewer)	34	DAY	\$1,400.00	\$47,600.00	\$350.00	\$11,900.00
74	Bypass pumping (30-48-inch sewer)	96	DAY	\$4,000.00	\$384,000.00	\$1,050.00	\$100,800.00
75	Cleanout installation in grass area (up to 5 feet in depth)	20	EA	\$500.00	\$10,000.00	\$930.00	\$18,600.00
76	Cleanout installation in asphalt area (up to 5 feet in depth)	20	EA	\$700.00	\$14,000.00	\$1,100.00	\$22,000.00
77	Cleanout installation in concrete area (up to 5 feet in depth)	20	EA	\$1,000.00	\$20,000.00	\$1,225.00	\$24,500.00
78	Cleanout installation (beyond 5 feet in depth)		EA	\$600.00	\$0.00	\$230.00	\$0.00
79	Cleanout installation (open trench)		EA	\$2,800.00	\$0.00	\$700.00	\$0.00
80	Traffic control - flagman, each		hour	\$25.00	\$0.00	\$50.00	\$0.00
81	Traffic control - arrow board, each		DAY	\$150.00	\$0.00	\$160.00	\$0.00
82	Traffic control - barricade, each		DAY	\$3.00	\$0.00	\$7.00	\$0.00
83	Work in rear-yard easement (items 1 through 31)		EA	\$2,500.00	\$0.00	\$700.00	\$0.00
84	Work in rear-yard easement (items 38 through 43)		EA	\$2,500.00	\$0.00	\$1,000.00	\$0.00
85	Work in rear-yard easement (item 47)		EA	\$2,500.00	\$0.00	\$1,600.00	\$0.00
86	Work in rear-yard easement (items 49 through 52)		EA	\$2,500.00	\$0.00	\$400.00	\$0.00
87	Work in rear-yard easement (item 56)		EA	\$2,500.00	\$0.00	\$400.00	\$0.00
88	Work in rear-yard easement (item 58)		EA	\$2,500.00	\$0.00	\$400.00	\$0.00
89	Work in rear-yard easement (items 75 through 79)		EA	\$2,500.00	\$0.00	\$400.00	\$0.00
90	Expedited mobilization		EA	\$5,000.00	\$0.00	\$400.00	\$0.00

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91	Undefined Allowance, cost allowance for work as directed by Engineer and upon authorization by the City of Hollywood Director of Public Utilities due to undefined conditions.		1	\$500,000.00	\$500,000.00	\$500,000.00	\$500,000.00
Base Bid Total				\$7,757,350.00		\$8,776,050.00	
Comments:				\$ 10,500 higher than the proposal Bid Form Total due to a multiplication error on item no. 60.  The proposal Bid Form Total is \$ 7,746,850.00		No comments	