

Liquiforce Services (USA) Inc. DBA Granite Inliner
 28529 Goddard Road, Suite 106
 Romulus, MI | (734) 958-2508

Lanzo Trenchless Technologies Inc. North
 28137 Groesbeck Highway
 Roseville, MI | (954) 979-0802

Institutform Technologies USA, LLC*
 17988 Edison Avenue
 Chesterfield, MO | (636) 530-8000

Item	Quantity	Unit	Unit Price	Total Cost	Unit Price	Total Cost	Unit Price	Total Cost
BASE BID - Division I								
<u>Item</u>								
1. Mobilization (Max 5%)	1	LS	\$5,000.00	\$5,000.00	\$2,500.00	\$2,500.00	\$11,581.40	\$11,581.40
2. Audio Video Route Survey	1	LS	\$1,500.00	\$1,500.00	\$5,000.00	\$5,000.00	\$1,851.20	\$1,851.20
3. Sewer Lining, CIPP, 8 inch Diameter Sanitary	4,910	lft	\$36.00	\$176,760.00	\$36.00	\$176,760.00	\$33.10	\$162,521.00
4. Sewer Lining CIPP, 12 inch Diameter Sanitary	1,717	lft	\$42.00	\$72,114.00	\$48.00	\$82,416.00	\$36.40	\$62,498.80
5. Sectional CIPP Spot Liner 10 Inch Diameter Sanitary	6	lft	\$500.00	\$3,000.00	\$700.00	\$4,200.00	\$1,269.40	\$7,616.40
6. Maintaining Traffic	1	lft	\$3,000.00	\$3,000.00	\$2,200.00	\$2,200.00	\$3,554.80	\$3,554.80
7. Restoratoin	1	lft	\$2,000.00	\$2,000.00	\$1,300.00	\$1,300.00	\$2,644.60	\$2,644.60
8. Observation Crew Day	30	Day	\$800.00	\$24,000.00	\$800.00	\$24,000.00	\$800.00	\$24,000.00
9. Observation Crew Day - Over Contract Amount		Day	\$800.00	\$0.00	\$800.00	\$800.00	10	\$8,000.00
Subtotal Amount of Bid - Division I				\$287,374.00		\$299,176.00		\$284,268.20
BASE BID - Division II								
<u>Item</u>								
1. Mobilization	1	LS	\$5,000.00	\$5,000.00	\$2,500.00	\$2,500.00	\$7,933.80	\$7,933.80
2. Audio Video Route Survey	1	lft	\$1,500.00	\$1,500.00	\$6,500.00	\$6,500.00	\$2,803.30	\$2,803.30
3. Clean and Televis with PACP Reporting, 8 inch Diameter Sanitary	2,125	lft	\$2.00	\$4,250.00	\$4.00	\$8,500.00	\$5.30	\$11,262.50
4. Clean and Televis with PACP Reporting, 10 inch Diameter Sanitary	14,958	lft	\$3.00	\$44,874.00	\$5.00	\$74,790.00	\$5.80	\$86,756.40
5. Clean and Televis with PACP Reporting, 12 inch Diameter Sanitary	414	lft	\$3.50	\$1,449.00	\$9.00	\$3,726.00	\$5.80	\$2,401.20
6. Chemical Root Control/Treatment, As Required		per LFT	\$5.00	\$0.00	\$22.00	\$0.00	\$3.00	\$0.00
7. Sewer Heavy Cleaning, 8 inch Diameter Sanitary		per LFT	\$5.00	\$0.00	\$10.00	\$0.00	\$1.60	\$0.00
8. Sewer Heavy Cleaning, 10 inch Diameter Sanitary		per LFT	\$5.00	\$0.00	\$15.00	\$0.00	\$1.80	\$0.00
9. Sewer Heavy Cleaning, 12 inch Diameter Sanitary		per LFT	\$5.00	\$0.00	\$20.00	\$0.00	\$2.10	\$0.00
10. Sewer Lining, CIPP, 8 inch Diameter Sanitary As Required		per LFT	\$40.00	\$0.00	\$42.00	\$0.00	\$10.60	\$0.00
11. Sewer Lining, CIPP, 10 inch Diameter Sanitary As Required		per LFT	\$45.00	\$0.00	\$45.00	\$0.00	\$10.60	\$0.00
12. Sewer Lining, CIPP, 12 inch Diameter Sanitary As Required		per LFT	\$50.00	\$0.00	\$55.00	\$0.00	\$10.60	\$0.00
13. Grout 8 inch Joints, As Required		per EA	\$100.00	\$0.00	\$500.00	\$0.00	\$2,115.70	\$0.00
14. Grout 10 inch Joints, As Required		per EA	\$150.00	\$0.00	\$600.00	\$0.00	\$2,644.60	\$0.00
15. Grout 12 inch Joints, As Required		per EA	\$200.00	\$0.00	\$700.00	\$0.00	\$2,962.00	\$0.00
16. Sectional CIPP Spot Liner, 8 Inch Diameter Sanitary As Required		per LFT	\$600.00	\$0.00	\$700.00	\$0.00	\$1,269.40	\$0.00
17. Sectional CIPP Spot Liner, 10 Inch Diameter Sanitary As Required		per LFT	\$700.00	\$0.00	\$800.00	\$0.00	\$1,375.20	\$0.00
18. Sectional CIPP Spot Liner, 12 Inch Diameter Sanitary As Required		per LFT	\$900.00	\$0.00	\$900.00	\$0.00	\$1,375.20	\$0.00
19. Locate Manhole, As Required		per EA	\$250.00	\$0.00	\$610.00	\$0.00	\$1,163.60	\$0.00
20. Sewer Point Repair, 8 inch, As Required		per LFT	\$3,200.00	\$0.00	\$850.00	\$0.00	\$8,462.70	\$0.00
21. Sewer Point Repair, 10 inch, As Required		per LFT	\$3,400.00	\$0.00	\$950.00	\$0.00	\$8,462.70	\$0.00
22. Sewer Point Repair, 12 inch, As Required		per LFT	\$3,800.00	\$0.00	\$1,000.00	\$0.00	\$8,462.70	\$0.00
23. Restoration	1		\$2,000.00	\$2,000.00	\$1,200.00	\$1,200.00	\$2,644.60	\$2,644.60
24. Maintaining Traffic	1		\$5,000.00	\$5,000.00	\$3,100.00	\$3,100.00	\$528.90	\$528.90
25. Observation Crew Days	40	Day	\$800.00	\$32,000.00	\$800.00	\$32,000.00	\$800.00	\$32,000.00
26. Observation Crew Days - Over Contract Amount		Day	\$800.00	\$0.00	\$800.00	\$800.00	10	\$8,000.00
Subtotal Amount of Bid - Division II				\$96,073.00		\$133,116.00		\$154,330.70 *

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Item	Quantity	Unit	Unit Price	Total Cost	Unit Price	Total Cost	Unit Price	Total Cost
BASE BID - Division III								
<u>Item</u>								
1. Mobilization (Max 5%)	1	LS	\$5,000.00	\$5,000.00	\$2,500.00	\$2,500.00	\$7,933.80	\$7,933.80
2. Audio Video Route Survey	1	LS	\$1,500.00	\$1,500.00	\$1,200.00	\$1,200.00	\$1,110.70	\$1,110.70
3. Clean and Televising with PACP Reporting for 10 inch Diameter Sanitary	3,090	lft	\$3.00	\$9,270.00	\$5.00	\$15,450.00	\$6.30	\$19,467.00
4. Chemical Root Control/Treatment, As Required		per LFT	\$5.00	\$0.00	\$20.00	\$0.00	\$3.00	\$0.00
5. Sewer Heavy Cleaning, 10 inch Diameter Sanitary, As Required		per LFT	\$5.00	\$0.00	\$20.00	\$0.00	\$1.80	\$0.00
6. Sewer Lining, CIPP, 10 inch Diameter Sanitary, As Required		per LFT	\$45.00	\$0.00	\$45.00	\$0.00	\$10.60	\$0.00
7. Grout 10 inch Joints, As Required		per EA	\$200.00	\$0.00	\$600.00	\$0.00	\$2,644.60	\$0.00
8. Sectional CIPP Spot Liner, 10 inch Diameter Sanitary, As Required		per LFT	\$700.00	\$0.00	\$800.00	\$0.00	\$1,375.20	\$0.00
9. Locate Manhole, As Required		per EA	\$250.00	\$0.00	\$700.00	\$0.00	\$1,163.60	\$0.00
10. Sewer Point Repair, 10 inch Diameter Sanitary As Required		per LFT	\$3,400.00	\$0.00	\$950.00	\$0.00	\$8,462.70	\$0.00
11. Maintaining Traffic	1	LS	\$2,000.00	\$2,000.00	\$1,100.00	\$1,100.00	\$2,644.60	\$2,644.60
12. Restoration	1	LS	\$5,000.00	\$5,000.00	\$1,500.00	\$1,500.00	\$2,644.60	\$2,644.60
13. Observation Crew Days	5	Day	\$800.00	\$4,000.00	\$800.00	\$4,000.00	\$800.00	\$4,000.00
Observation Crew Days - Over Contract Amount		Day	\$800.00	\$0.00	1	\$800.00	5	\$4,000.00
Subtotal Amount of Bid - Division III				\$26,770.00		\$26,550.00		\$41,800.70 *
TOTAL BID AMOUNT				\$410,217.00		\$458,842.00		\$480,399.60 *

ENGINEER: Matthew Hughes
 Hubbell, Roth & Clark, Inc.
 555 Hulet Drive
 Bloomfield Hills, MI 48302

Inland Waters Pollution Control (4th bidder) - \$521,542.70
 DVM Utilities, Inc. (5th bidder) - \$577,916.00

*** Corrected by Engineer**

Note:

Engineer's Estimate: \$480,399.60