



TABULATION OF BIDS

Charter Township of Clinton
2019 Sanitary Sewer Rehabilitation By
Full Length C.I.P.P. Lining
AEW PROJECT NO. 0242-0007-1

DATE: 7/30/2019
TIME: 10:00 AM

Prepared by: Anderson, Eckstein and Westrick, Inc.
51301 Schoenherr Road
Shelby Township, MI 48315

VENDOR RANKING

| <i>RANK</i> | <i>VENDOR NAME</i> | | <i>TOTAL BID</i> |
|-------------|--|----|------------------|
| 1 | Insituform Technologies USA, LLC | \$ | 2,414,895.20 * |
| 2 | Inland Waters Pollution Control, Inc. | \$ | 2,733,830.00 |
| 3 | Lanzo Trenchless Technologies Inc.-North | \$ | 2,738,481.00 |
| 4 | Ric-Man Construction Florida, Inc. | \$ | 2,952,735.00 * |
| 5 | Ric Man Construction, Inc. | \$ | 4,267,965.00 |

TABULATION OF BIDS

Charter Township of Clinton

2019 Sanitary Sewer Rehabilitation By

Full Length C.I.P.P. Lining

AEW PROJECT NO. 0242-0007-1

Insituform Technologies USA, LLC

17988 Edison Avenue
Chesterfield, MO 63005

Inland Waters Pollution Control, Inc.

4086 Michigan Avenue
Detroit, MI 48210

| Item No. | Description | Estimated Quantity | Units | Unit Price | Amount | Unit Price | Amount |
|----------|---|--------------------|-------|------------|------------|------------|------------|
| 1. | _Bonds, Insurance & Mobilization Expense- (3% Max) | 1 | LS | 71,500.00 | 71,500.00 | 75,000.00 | 75,000.00 |
| 2. | Pavt, Rem | 725 | Syd | 33.90 | 24,577.50 | 44.00 | 31,900.00 |
| 3. | Excavation, Earth | 325 | Cyd | 39.40 | 12,805.00 | 31.00 | 10,075.00 |
| 4. | Aggregate Base, 6 inch | 725 | Syd | 35.90 | 26,027.50 | 31.00 | 22,475.00 |
| 5. | _Sanitary Sewer, Pre-Construction, Clean and CCTV, FCIPP, 10 inch | 11,100 | Ft | 3.00 | 33,300.00 | 6.75 | 74,925.00 |
| 6. | _Sanitary Sewer, Pre-Construction, Clean and CCTV, FCIPP, 12 inch | 800 | Ft | 3.50 | 2,800.00 | 6.75 | 5,400.00 |
| 7. | _Sanitary Sewer, Pre-Construction, Clean and CCTV, FCIPP, 15 inch | 3,200 | Ft | 3.50 | 11,200.00 | 6.75 | 21,600.00 |
| 8. | _Sanitary Sewer, Pre-Construction, Clean and CCTV, FCIPP, 18 inch | 5,500 | Ft | 3.50 | 19,250.00 | 7.00 | 38,500.00 |
| 9. | _Sanitary Sewer, Pre-Construction, Clean and CCTV, FCIPP, 21 inch | 6,500 | Ft | 3.75 | 24,375.00 | 7.50 | 48,750.00 |
| 10. | _Sanitary Sewer, Pre-Construction, Clean and CCTV, FCIPP, 24 inch | 3,300 | Ft | 5.30 | 17,490.00 | 8.00 | 26,400.00 |
| 11. | _Sanitary Sewer, CIPP, 10 inch, Full Length | 11,100 | Ft | 23.90 | 265,290.00 | 35.00 | 388,500.00 |
| 12. | _Sanitary Sewer, CIPP, 12 inch, Full Length | 800 | Ft | 38.00 | 30,400.00 | 43.00 | 34,400.00 |
| 13. | _Sanitary Sewer, CIPP, 15 inch, Full Length | 3,200 | Ft | 33.60 | 107,520.00 | 45.00 | 144,000.00 |
| 14. | _Sanitary Sewer, CIPP, 18 inch, Full Length | 5,500 | Ft | 44.40 | 244,200.00 | 60.00 | 330,000.00 |
| 15. | _Sanitary Sewer, CIPP, 21 inch, Full Length | 6,500 | Ft | 54.30 | 352,950.00 | 72.00 | 468,000.00 |
| 16. | _Sanitary Sewer, CIPP, 24 inch, Full Length | 3,300 | Ft | 71.30 | 235,290.00 | 84.00 | 277,200.00 |
| 17. | _Sanitary Sewer, Post-Construction, CCTV, 10 inch | 11,100 | Ft | 0.75 | 8,325.00 | 1.00 | 11,100.00 |
| 18. | _Sanitary Sewer, Post-Construction, CCTV, 12 inch | 800 | Ft | 0.75 | 600.00 | 1.00 | 800.00 |
| 19. | _Sanitary Sewer, Post-Construction, CCTV, 15 inch | 3,200 | Ft | 0.75 | 2,400.00 | 1.00 | 3,200.00 |
| 20. | _Sanitary Sewer, Post-Construction, CCTV, 18 inch | 5,500 | Ft | 0.75 | 4,125.00 | 1.00 | 5,500.00 |
| 21. | _Sanitary Sewer, Post-Construction, CCTV, 21 inch | 6,500 | Ft | 0.75 | 4,875.00 | 1.00 | 6,500.00 |
| 22. | _Sanitary Sewer, Post-Construction, CCTV, 24 inch | 3,300 | Ft | 0.75 | 2,475.00 | 1.00 | 3,300.00 |
| 23. | _Mineral Deposit, Rem | 100 | Ea | 25.00 | 2,500.00 | 75.00 | 7,500.00 |



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 2019 Sanitary Sewer Rehabilitation By
 Full Length C.I.P.P. Lining
 AEW PROJECT NO. 0242-0007-1

Insituform Technologies USA, LLC
 17988 Edison Avenue
 Chesterfield, MO 63005

Inland Waters Pollution Control, Inc.
 4086 Michigan Avenue
 Detroit, MI 48210

| Item No. | Description | Estimated Quantity | Units | Insituform Technologies USA, LLC | | Inland Waters Pollution Control, Inc. | |
|-------------------------|-----------------------------------|--------------------|-------|----------------------------------|-----------------------|---------------------------------------|---------------------|
| | | | | Unit Price | Amount | Unit Price | Amount |
| 24. | _Sanitary Lateral, Prepare | 20 | Ea | 350.00 | 7,000.00 | 225.00 | 4,500.00 |
| 25. | _Sanitary Lateral, Reinstale | 360 | Ea | 57.40 | 20,664.00 | 140.00 | 50,400.00 |
| 26. | _Cutting Service Lead Protrusions | 10 | Ea | 350.00 | 3,500.00 | 75.00 | 750.00 |
| 27. | HMA, 2E3 | 70 | Ton | 164.00 | 11,480.00 | 575.00 | 40,250.00 |
| 28. | HMA, 4E3 | 35 | Ton | 164.00 | 5,740.00 | 625.00 | 21,875.00 |
| 29. | HMA, 5E3 | 35 | Ton | 164.00 | 5,740.00 | 650.00 | 22,750.00 |
| 30. | Conc Pavt, Nonreinf, 8 inch | 330 | Syd | 285.00 | 94,050.00 | 115.00 | 37,950.00 |
| 31. | Curb and Gutter, Conc, Det F4 | 80 | Ft | 121.80 | 9,744.00 | 65.00 | 5,200.00 |
| 32. | _Traffic Maintenance and Control | 1 | LS | 54,580.00 | 54,580.00 | 45,000.00 | 45,000.00 |
| 33. | Conc Pavt, Nonreinf, 9 inch | 120 | Syd | 285.00 | 34,200.00 | 125.00 | 15,000.00 |
| 34. | Class II Sand | 150 | Ton | 25.60 | 3,840.00 | 32.00 | 4,800.00 |
| 35. | HMA, Temp Pavt, 5E3 | 30 | Ton | 164.00 | 4,920.00 | 450.00 | 13,500.00 |
| 36. | _Bypass Pumping | 1 | LS | 634,662.20 | 634,662.20 | 415,000.00 | 415,000.00 |
| 37. | _Deliverables | 1 | LS | 500.00 | 500.00 | 1,830.00 | 1,830.00 |
| 38. | Reimbursable Permit Fees | 20,000 | Dlr | 1.00 | 20,000.00 | 1.00 | 20,000.00 |
| TOTAL AMOUNT BID | | | | \$ | 2,414,895.20 * | \$ | 2,733,830.00 |

* CORRECTED BY ENGINEER



TABULATION OF BIDS
 Charter Township of Clinton
 2019 Sanitary Sewer Rehabilitation By
 Full Length C.I.P.P. Lining
 AEW PROJECT NO. 0242-0007-1

Lanzo Trenchless
 Technologies Inc.-North
 28135 Groesbeck Hwy
 Roseville, MI 4806

Ric-Man Construction Florida, Inc
 3100 SW 15th Street
 Deerfield Beach, FL 33442

| Item No. | Description | Estimated Quantity | Units | Unit Price | Amount | Unit Price | Amount |
|----------|---|--------------------|-------|------------|------------|------------|------------|
| 1. | _Bonds, Insurance & Mobilization Expense- (3% Max) | 1 | LS | 81,500.00 | 81,500.00 | 60,000.00 | 60,000.00 |
| 2. | Pavt, Rem | 725 | Syd | 58.00 | 42,050.00 | 15.00 | 10,875.00 |
| 3. | Excavation, Earth | 325 | Cyd | 34.00 | 11,050.00 | 31.00 | 10,075.00 |
| 4. | Aggregate Base, 6 inch | 725 | Syd | 62.00 | 44,950.00 | 37.00 | 26,825.00 |
| 5. | _Sanitary Sewer, Pre-Construction, Clean and CCTV, FCIPP, 10 inch | 11,100 | Ft | 2.50 | 27,750.00 | 7.00 | 77,700.00 |
| 6. | _Sanitary Sewer, Pre-Construction, Clean and CCTV, FCIPP, 12 inch | 800 | Ft | 2.50 | 2,000.00 | 7.00 | 5,600.00 |
| 7. | _Sanitary Sewer, Pre-Construction, Clean and CCTV, FCIPP, 15 inch | 3,200 | Ft | 3.00 | 9,600.00 | 8.00 | 25,600.00 |
| 8. | _Sanitary Sewer, Pre-Construction, Clean and CCTV, FCIPP, 18 inch | 5,500 | Ft | 3.50 | 19,250.00 | 8.00 | 44,000.00 |
| 9. | _Sanitary Sewer, Pre-Construction, Clean and CCTV, FCIPP, 21 inch | 6,500 | Ft | 4.00 | 26,000.00 | 9.00 | 58,500.00 |
| 10. | _Sanitary Sewer, Pre-Construction, Clean and CCTV, FCIPP, 24 inch | 3,300 | Ft | 4.50 | 14,850.00 | 9.00 | 29,700.00 |
| 11. | _Sanitary Sewer, CIPP, 10 inch, Full Length | 11,100 | Ft | 28.00 | 310,800.00 | 31.00 | 344,100.00 |
| 12. | _Sanitary Sewer, CIPP, 12 inch, Full Length | 800 | Ft | 35.00 | 28,000.00 | 35.00 | 28,000.00 |
| 13. | _Sanitary Sewer, CIPP, 15 inch, Full Length | 3,200 | Ft | 43.00 | 137,600.00 | 44.00 | 140,800.00 |
| 14. | _Sanitary Sewer, CIPP, 18 inch, Full Length | 5,500 | Ft | 54.00 | 297,000.00 | 55.00 | 302,500.00 |
| 15. | _Sanitary Sewer, CIPP, 21 inch, Full Length | 6,500 | Ft | 65.00 | 422,500.00 | 68.00 | 442,000.00 |
| 16. | _Sanitary Sewer, CIPP, 24 inch, Full Length | 3,300 | Ft | 92.00 | 303,600.00 | 80.00 | 264,000.00 |
| 17. | _Sanitary Sewer, Post-Construction, CCTV, 10 inch | 11,100 | Ft | 1.50 | 16,650.00 | 1.25 | 13,875.00 |
| 18. | _Sanitary Sewer, Post-Construction, CCTV, 12 inch | 800 | Ft | 1.50 | 1,200.00 | 1.25 | 1,000.00 |
| 19. | _Sanitary Sewer, Post-Construction, CCTV, 15 inch | 3,200 | Ft | 1.50 | 4,800.00 | 1.25 | 4,000.00 |
| 20. | _Sanitary Sewer, Post-Construction, CCTV, 18 inch | 5,500 | Ft | 1.50 | 8,250.00 | 1.25 | 6,875.00 |
| 21. | _Sanitary Sewer, Post-Construction, CCTV, 21 inch | 6,500 | Ft | 1.50 | 9,750.00 | 1.25 | 8,125.00 |
| 22. | _Sanitary Sewer, Post-Construction, CCTV, 24 inch | 3,300 | Ft | 1.50 | 4,950.00 | 1.25 | 4,125.00 |
| 23. | _Mineral Deposit, Rem | 100 | Ea | 300.00 | 30,000.00 | 100.00 | 10,000.00 |



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 Charter Township of Clinton
 2019 Sanitary Sewer Rehabilitation By
 Full Length C.I.P.P. Lining
 AEW PROJECT NO. 0242-0007-1

Lanzo Trenchless
 Technologies Inc.-North
 28135 Groesbeck Hwy
 Roseville, MI 4806

Ric-Man Construction Florida, Inc
 3100 SW 15th Street
 Deerfield Beach, FL 33442

| Item No. | Description | Estimated Quantity | Units | Lanzo Trenchless Technologies Inc.-North | | Ric-Man Construction Florida, Inc | |
|-------------------------|-----------------------------------|--------------------|-------|--|---------------------|-----------------------------------|-----------------------|
| | | | | Unit Price | Amount | Unit Price | Amount |
| 24. | _Sanitary Lateral, Prepare | 20 | Ea | 450.00 | 9,000.00 | 280.00 | 5,600.00 |
| 25. | _Sanitary Lateral, Reinstate | 360 | Ea | 150.00 | 54,000.00 | 130.00 | 46,800.00 |
| 26. | _Cutting Service Lead Protrusions | 10 | Ea | 225.00 | 2,250.00 | 80.00 | 800.00 |
| 27. | HMA, 2E3 | 70 | Ton | 220.00 | 15,400.00 | 190.00 | 13,300.00 |
| 28. | HMA, 4E3 | 35 | Ton | 250.00 | 8,750.00 | 200.00 | 7,000.00 |
| 29. | HMA, 5E3 | 35 | Ton | 256.00 | 8,960.00 | 200.00 | 7,000.00 |
| 30. | Conc Pavt, Nonreinf, 8 inch | 330 | Syd | 81.00 | 26,730.00 | 62.00 | 20,460.00 |
| 31. | Curb and Gutter, Conc, Det F4 | 80 | Ft | 36.00 | 2,880.00 | 55.00 | 4,400.00 |
| 32. | _Traffic Maintenance and Control | 1 | LS | 53,000.00 | 53,000.00 | 43,000.00 | 43,000.00 |
| 33. | Conc Pavt, Nonreinf, 9 inch | 120 | Syd | 83.00 | 9,960.00 | 35.00 | 4,200.00 * |
| 34. | Class II Sand | 150 | Ton | 35.00 | 5,250.00 | 40.00 | 6,000.00 |
| 35. | HMA, Temp Pavt, 5E3 | 30 | Ton | 256.00 | 7,680.00 | 300.00 | 9,000.00 |
| 36. | _Bypass Pumping | 1 | LS | 658,736.00 | 658,736.00 | 845,900.00 | 845,900.00 |
| 37. | _Deliverables | 1 | LS | 1,785.00 | 1,785.00 | 1,000.00 | 1,000.00 |
| 38. | Reimbursable Permit Fees | 20,000 | Dlr | 1.00 | 20,000.00 | 1.00 | 20,000.00 |
| TOTAL AMOUNT BID | | | | \$ | 2,738,481.00 | \$ | 2,952,735.00 * |

* CORRECTED BY ENGINEER

TABULATION OF BIDS

Charter Township of Clinton

2019 Sanitary Sewer Rehabilitation By

Full Length C.I.P.P. Lining

AEW PROJECT NO. 0242-0007-1

Ric Man Construction, Inc.

38600 Van Dyke Ave. Ste.100

Sterling Heights, MI 48312

| Item No. | Description | Estimated Quantity | Units | Unit Price | Amount |
|----------|---|--------------------|-------|------------|------------|
| 1. | _Bonds, Insurance & Mobilization Expense- (3% Max) | 1 | LS | 122,000.00 | 122,000.00 |
| 2. | Pavt, Rem | 725 | Syd | 9.00 | 6,525.00 |
| 3. | Excavation, Earth | 325 | Cyd | 23.00 | 7,475.00 |
| 4. | Aggregate Base, 6 inch | 725 | Syd | 17.00 | 12,325.00 |
| 5. | _Sanitary Sewer, Pre-Construction, Clean and CCTV, FCIPP, 10 inch | 11,100 | Ft | 5.00 | 55,500.00 |
| 6. | _Sanitary Sewer, Pre-Construction, Clean and CCTV, FCIPP, 12 inch | 800 | Ft | 5.00 | 4,000.00 |
| 7. | _Sanitary Sewer, Pre-Construction, Clean and CCTV, FCIPP, 15 inch | 3,200 | Ft | 5.50 | 17,600.00 |
| 8. | _Sanitary Sewer, Pre-Construction, Clean and CCTV, FCIPP, 18 inch | 5,500 | Ft | 5.50 | 30,250.00 |
| 9. | _Sanitary Sewer, Pre-Construction, Clean and CCTV, FCIPP, 21 inch | 6,500 | Ft | 6.00 | 39,000.00 |
| 10. | _Sanitary Sewer, Pre-Construction, Clean and CCTV, FCIPP, 24 inch | 3,300 | Ft | 6.00 | 19,800.00 |
| 11. | _Sanitary Sewer, CIPP, 10 inch, Full Length | 11,100 | Ft | 63.00 | 699,300.00 |
| 12. | _Sanitary Sewer, CIPP, 12 inch, Full Length | 800 | Ft | 151.00 | 120,800.00 |
| 13. | _Sanitary Sewer, CIPP, 15 inch, Full Length | 3,200 | Ft | 83.00 | 265,600.00 |
| 14. | _Sanitary Sewer, CIPP, 18 inch, Full Length | 5,500 | Ft | 102.00 | 561,000.00 |
| 15. | _Sanitary Sewer, CIPP, 21 inch, Full Length | 6,500 | Ft | 121.00 | 786,500.00 |
| 16. | _Sanitary Sewer, CIPP, 24 inch, Full Length | 3,300 | Ft | 139.00 | 458,700.00 |
| 17. | _Sanitary Sewer, Post-Construction, CCTV, 10 inch | 11,100 | Ft | 1.00 | 11,100.00 |
| 18. | _Sanitary Sewer, Post-Construction, CCTV, 12 inch | 800 | Ft | 1.00 | 800.00 |
| 19. | _Sanitary Sewer, Post-Construction, CCTV, 15 inch | 3,200 | Ft | 1.00 | 3,200.00 |
| 20. | _Sanitary Sewer, Post-Construction, CCTV, 18 inch | 5,500 | Ft | 1.00 | 5,500.00 |
| 21. | _Sanitary Sewer, Post-Construction, CCTV, 21 inch | 6,500 | Ft | 1.00 | 6,500.00 |
| 22. | _Sanitary Sewer, Post-Construction, CCTV, 24 inch | 3,300 | Ft | 1.00 | 3,300.00 |
| 23. | _Mineral Deposit, Rem | 100 | Ea | 78.00 | 7,800.00 |



TABULATION OF BIDS
 Charter Township of Clinton
 2019 Sanitary Sewer Rehabilitation By
 Full Length C.I.P.P. Lining
 AEW PROJECT NO. 0242-0007-1

Ric Man Construction, Inc.
 38600 Van Dyke Ave. Ste.100
 Sterling Heights, MI 48312

| Item No. | Description | Estimated Quantity | Units | Unit Price | Amount |
|-------------------------|-----------------------------------|--------------------|-------|------------|---------------------|
| 24. | _Sanitary Lateral, Prepare | 20 | Ea | 260.00 | 5,200.00 |
| 25. | _Sanitary Lateral, Reinstate | 360 | Ea | 520.00 | 187,200.00 |
| 26. | _Cutting Service Lead Protrusions | 10 | Ea | 79.00 | 790.00 |
| 27. | HMA, 2E3 | 70 | Ton | 200.00 | 14,000.00 |
| 28. | HMA, 4E3 | 35 | Ton | 200.00 | 7,000.00 |
| 29. | HMA, 5E3 | 35 | Ton | 200.00 | 7,000.00 |
| 30. | Conc Pavt, Nonreinf, 8 inch | 330 | Syd | 125.00 | 41,250.00 |
| 31. | Curb and Gutter, Conc, Det F4 | 80 | Ft | 100.00 | 8,000.00 |
| 32. | _Traffic Maintenance and Control | 1 | LS | 42,500.00 | 42,500.00 |
| 33. | Conc Pavt, Nonreinf, 9 inch | 120 | Syd | 150.00 | 18,000.00 |
| 34. | Class II Sand | 150 | Ton | 33.00 | 4,950.00 |
| 35. | HMA, Temp Pavt, 5E3 | 30 | Ton | 200.00 | 6,000.00 |
| 36. | _Bypass Pumping | 1 | LS | 661,000.00 | 661,000.00 |
| 37. | _Deliverables | 1 | LS | 500.00 | 500.00 |
| 38. | Reimbursable Permit Fees | 20,000 | Dlr | 1.00 | 20,000.00 |
| TOTAL AMOUNT BID | | | | \$ | 4,267,965.00 |

* CORRECTED BY ENGINEER