

MEMO 23-02

RECEIVED

MAR 02 2023

TO: Frank Schulte, City Administrator
FROM: James Kowalski, Director of Public Services
DATE: March 1, 2023
SUBJECT: Hampton Rd. Water Main & Resurfacing Project – AEW Project No. 0160-0456

CITY OF GROSSE POINTE WOODS
CLERK'S DEPARTMENT

On June 6, 2022, Council approved funds for soliciting bids and design engineering for the Hampton Rd. water main replacement and resurfacing project from Mack to Marter.

On Tuesday, February 21, 2023 four bids were received. The lowest qualified bidder was Pamar Enterprises, Inc. of New Haven, Michigan.

| | |
|-------------------------------------|-----------------|
| Pamar Enterprises, Inc. | \$ 2,324,642.75 |
| Florence Cement Company | \$ 2,332,115.00 |
| Pro-Line Asphalt Paving Corporation | \$ 2,334,355.00 |
| Lawrence M. Clarke, Inc. | \$ 3,195,555.00 |

AEW has previously worked with Pamar Enterprises, Inc. in Grosse Pointe Woods and their work is satisfactory. The bid amount is higher than anticipated. However, the prices provided are consistent with recently bid projects.

Based upon the recommendation of AEW, I concur that the contract for the Hampton Rd. Water Main and Resurfacing Project be awarded to the lowest qualified bidder, Pamar Enterprises, Inc., 31604 Pamar Ct, New Haven, MI 48048, in the amount of \$2,324,642.75. I recommend a construction contingency in an amount not to exceed \$100,000.00 for any unforeseen problems should they arise. The total construction for this project will not exceed \$2,424,642.75.

I further recommend construction engineering to be provided by Anderson, Eckstein and Westrick, Inc., 51301 Schoenherr Rd., Shelby Twp., MI 48315 in an amount not to exceed \$332,420.000.

This is a budgeted item included in 2022/2023 fiscal year budget in the accounts listed in the table. Due to the higher bid received, the additional funds require a budget amendment and transfers from account no. 202-000-692.000, Transfer from prior year Reserve Fund Balance and account no. 592-000-692.000, Transfer from prior year Reserve Fund Balance (shown in red on the table).

| Account Description | Account Number | Amount |
|--|-----------------|------------------------|
| Major Streets Construction | 202-451-977.804 | \$ 550,000.00 |
| <i>Budget Amendment from account no. 202-000-692.000</i> | 202-451-977.804 | \$ 56,161.00 |
| Water Main Replacement | 592-537-977.300 | \$ 1,290,685.00 |
| <i>Budget Amendment from account no. 592-000-692.000</i> | 592-537-977.300 | \$ 527,796.75 |
| Total Construction | | \$ 2,424,642.75 |

| Account Description | Account Number | Amount |
|--|-----------------|----------------------|
| Major Streets Engineering Construction | 202-451-977.803 | \$ 5,500.00 |
| <i>Budget Amendment from account no. 202-000-692.000</i> | 202-451-977.803 | \$ 77,605.00 |
| Water Main Engineering | 592-537-977.310 | \$ 249,315.00 |
| Total Engineering | | \$ 332,420.00 |

I do not believe any benefit will accrue to the City by seeking further bids. Approved for Council consideration.



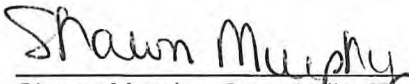
Frank Schulte, City Administrator

3-2-23

Date

Fund Certification:

Account numbers and amounts have been verified as presented.



Shawn Murphy, Comptroller/Treasurer

3-2-23

Date



ANDERSON, ECKSTEIN & WESTRICK, INC.
CIVIL ENGINEERS - SURVEYORS - ARCHITECTS

Shelby Township - Roseville - Livonia
586.726.1234 | www.aewinc.com

February 23, 2023

Frank Schulte, City Administrator
City of Grosse Pointe Woods
20025 Mack Plaza
Grosse Pointe Woods, Michigan 48236-2397

Reference: **Hampton Rd Water Main & Resurfacing Project**
Mack to Marter
AEW Project No. 0160-0456

Dear Mr. Schulte:

On Tuesday, February 21, 2023, four (4) bids were received for the above referenced project. We have tabulated the bids and have included a summary herewith for your use.

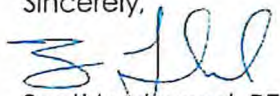
The low bidder for this project is Pamar Enterprises, Inc. of New Haven, Michigan, with a total bid amount of \$2,324,642.75. We have previously worked with Pamar Enterprises, Inc. in Grosse Pointe Woods, and find them qualified to perform this work. The bid amount is higher than anticipated. However, the prices provided are consistent with recently bid projects. We do not believe rebidding the project will result in lower bids.

Based on past performance and the lowest bid submitted, we recommend that the contract for the **Hampton Road Water Main and Resurfacing Project** be awarded to **Pamar Enterprises, Inc.**, 31604 Pamar Court, New Haven, MI 48048 in the amount of **\$2,324,642.75**.

In addition, we are recommending construction contingency in the amount of \$100,000 and construction engineering in the amount of \$332,420.00. Design engineering was previously approved in the amount of \$104,500. Therefore, the total project cost is \$2,861,562.75. The amount budgeted for this project is \$2,200,000. Therefore, we recommend a budget amendment increase in the amount of \$661,562.75.

If you have any questions, please advise.

Sincerely,



Scott Lockwood, PE

Enclosure: Bid Tabulation
cc: Jim Kowalski, DPW Director
Shawn Murphy, Deputy Controller

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TABULATION OF BIDS
CITY OF GROSSE POINTE WOODS
HAMPTON ROAD WATER MAIN
& RESURFACING - MACK TO MARTER
AEW PROJECT NO. 0160-0456

DATE: 2/21/2023
TIME: 10:00 AM

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

BIDDER RANKING

| <i>RANK</i> | <i>BIDDER'S NAME</i> | <i>TOTAL BID</i> |
|-------------|-------------------------------------|------------------|
| 1 | Pamar Enterprises, Inc. | \$ 2,324,642.75 |
| 2 | Florence Cement Company | \$ 2,332,115.00 |
| 3 | Pro Line Asphalt Paving Corporation | \$ 2,334,355.00 |
| 4 | Lawrence M. Clarke, Inc. | \$ 3,195,555.00 |



TABULATION OF BIDS
 CITY OF GROSSE POINTE WOODS
 HAMPTON ROAD WATER MAIN
 & RESURFACING - MACK TO MARTER
 AEW PROJECT NO. 0160-0456

Pamar Enterprises, Inc.
 31604 Pamar Court
 New Haven, MI 48048

Florence Cement Company
 51515 Corridor Drive
 Shelby Township, MI 48315

| Item No. | Description | Estimated Quantity | Units | Pamar Enterprises, Inc. | | Florence Cement Company | |
|----------|--|--------------------|-------|-------------------------|-----------|-------------------------|-----------|
| | | | | Unit Price | Amount | Unit Price | Amount |
| 1. | _Reimbursed Permit Fees | 1,500 | Dir | 1.00 | 1,500.00 | 1.00 | 1,500.00 |
| 2. | Mobilization, Max \$55,000 | 1 | LS | 55,000.00 | 55,000.00 | 55,000.00 | 55,000.00 |
| 3. | Tree, Rem, 19 inch to 36 inch | 2 | Ea | 2,200.00 | 4,400.00 | 2,200.00 | 4,400.00 |
| 4. | Tree, Rem, 37 inch or Larger | 1 | Ea | 3,500.00 | 3,500.00 | 3,500.00 | 3,500.00 |
| 5. | Tree, Rem, 6 inch to 18 inch | 23 | Ea | 350.00 | 8,050.00 | 350.00 | 8,050.00 |
| 6. | Dr Structure, Abandon | 1 | Ea | 350.00 | 350.00 | 760.00 | 760.00 |
| 7. | Dr Structure, Rem | 24 | Ea | 650.00 | 15,600.00 | 916.00 | 21,984.00 |
| 8. | Sewer, Rem, Less than 24 inch | 432 | Ft | 15.00 | 6,480.00 | 86.00 | 37,152.00 |
| 9. | Curb and Gutter, Rem | 3,700 | Ft | 10.00 | 37,000.00 | 8.20 | 30,340.00 |
| 10. | Pavt, Rem | 207 | Syd | 18.00 | 3,726.00 | 25.25 | 5,226.75 |
| 11. | Sidewalk, Rem | 430 | Syd | 16.00 | 6,880.00 | 10.00 | 4,300.00 |
| 12. | Exploratory Investigation, Vertical | 16 | Ft | 65.00 | 1,040.00 | 100.00 | 1,600.00 |
| 13. | _Driveway, Rem | 800 | Syd | 17.00 | 13,600.00 | 14.50 | 11,600.00 |
| 14. | _Subgrade Undercutting, Modified | 200 | Cyd | 55.00 | 11,000.00 | 107.00 | 21,400.00 |
| 15. | _Subgrade Undercutting, Special | 100 | Cyd | 55.00 | 5,500.00 | 96.00 | 9,600.00 |
| 16. | Erosion Control, Inlet Protection, Fabric Drop | 28 | Ea | 65.00 | 1,820.00 | 105.00 | 2,940.00 |
| 17. | Aggregate Base | 500 | Ton | 50.00 | 25,000.00 | 30.00 | 15,000.00 |
| 18. | Aggregate Base, 6 inch | 1,100 | Syd | 13.00 | 14,300.00 | 19.50 | 21,450.00 |
| 19. | Aggregate Base, 11 inch | 625 | Syd | 20.00 | 12,500.00 | 27.10 | 16,937.50 |
| 20. | Aggregate Base, Conditioning | 5,000 | Syd | 2.00 | 10,000.00 | 5.45 | 27,250.00 |
| 21. | Maintenance Gravel | 250 | Ton | 10.00 | 2,500.00 | 36.00 | 9,000.00 |
| 22. | _Trenching, Modified | 38 | Sta | 500.00 | 19,000.00 | 1,800.00 | 68,400.00 |



TABULATION OF BIDS
 CITY OF GROSSE POINTE WOODS
 HAMPTON ROAD WATER MAIN
 & RESURFACING - MACK TO MARTER
 AEW PROJECT NO. 0160-0456

Pamar Enterprises, Inc.
 31604 Pamar Court
 New Haven, MI 48048

Florence Cement Company
 51515 Corridor Drive
 Shelby Township, MI 48315

| Item No. | Description | Estimated Quantity | Units | Pamar Enterprises, Inc. | | Florence Cement Company | |
|----------|---|--------------------|-------|-------------------------|------------|-------------------------|------------|
| | | | | Unit Price | Amount | Unit Price | Amount |
| 23. | Sewer, CI IV, 12 inch, Tr Det B | 431 | Ft | 182.00 | 78,442.00 | 113.25 | 48,810.75 |
| 24. | _Post-TV Sewer Laterals | 62 | Ea | 195.00 | 12,090.00 | 200.00 | 12,400.00 |
| 25. | _Pre-TV Sewer Laterals | 62 | Ea | 195.00 | 12,090.00 | 200.00 | 12,400.00 |
| 26. | _Sanitary Lead Repair | 5 | Ea | 750.00 | 3,750.00 | 1,250.00 | 6,250.00 |
| 27. | _Sewer Bulkhead, 10 inch | 1 | Ea | 250.00 | 250.00 | 1,800.00 | 1,800.00 |
| 28. | Dr Structure Cover, Adj, Case 1 | 19 | Ea | 800.00 | 15,200.00 | 695.00 | 13,205.00 |
| 29. | Dr Structure Cover, Adj, Case 2 | 1 | Ea | 750.00 | 750.00 | 735.00 | 735.00 |
| 30. | Dr Structure, 24 inch dia | 20 | Ea | 3,200.00 | 64,000.00 | 3,075.00 | 61,500.00 |
| 31. | Dr Structure, 48 inch dia | 8 | Ea | 4,500.00 | 36,000.00 | 3,985.00 | 31,880.00 |
| 32. | Dr Structure, Tap, 12 inch | 18 | Ea | 550.00 | 9,900.00 | 670.00 | 12,060.00 |
| 33. | _Catch Basin Cover, Restricted, GPW | 27 | Ea | 600.00 | 16,200.00 | 575.00 | 15,525.00 |
| 34. | _Combined Manhole Cover, GPW | 20 | Ea | 600.00 | 12,000.00 | 600.00 | 12,000.00 |
| 35. | _Dr Structure Trap, 12 inch | 19 | Ea | 700.00 | 13,300.00 | 764.00 | 14,516.00 |
| 36. | _External Structure Wrap, 18 inch | 47 | Ea | 550.00 | 25,850.00 | 750.00 | 35,250.00 |
| 37. | Underdrain, Subgrade, 4 inch | 540 | Ft | 18.00 | 9,720.00 | 65.00 | 35,100.00 |
| 38. | _Pop-Up Emitter, Storm Drain, Residential | 2 | Ea | 350.00 | 700.00 | 550.00 | 1,100.00 |
| 39. | Pavt, Cleaning | 1 | LS | 500.00 | 500.00 | 11,000.00 | 11,000.00 |
| 40. | HMA Surface, Rem | 5,400 | Syd | 3.50 | 18,900.00 | 7.05 | 38,070.00 |
| 41. | Hand Patching | 20 | Ton | 225.00 | 4,500.00 | 250.00 | 5,000.00 |
| 42. | HMA, 4EML | 830 | Ton | 119.45 | 99,143.50 | 130.55 | 108,356.50 |
| 43. | HMA, 5EML | 975 | Ton | 123.85 | 120,753.75 | 142.95 | 139,376.25 |
| 44. | _Cold Milling Pavt | 3,900 | Syd | 3.75 | 14,625.00 | 5.20 | 20,280.00 |



TABULATION OF BIDS
 CITY OF GROSSE POINTE WOODS
 HAMPTON ROAD WATER MAIN
 & RESURFACING - MACK TO MARTER
 AEW PROJECT NO. 0160-0456

Pamar Enterprises, Inc.
 31604 Pamar Court
 New Haven, MI 48048

Florence Cement Company
 51515 Corridor Drive
 Shelby Township, MI 48315

| Item No. | Description | Estimated Quantity | Units | Pamar Enterprises, Inc. | | Florence Cement Company | |
|----------|--|--------------------|-------|-------------------------|-----------|-------------------------|-----------|
| | | | | Unit Price | Amount | Unit Price | Amount |
| 45. | _Geosynthetic Paving Fabric | 8,750 | Syd | 4.17 | 36,487.50 | 4.34 | 37,975.00 |
| 46. | _Driveway, Nonreinf Conc, 6 inch, Modified | 900 | Syd | 57.00 | 51,300.00 | 101.00 | 90,900.00 |
| 47. | _Driveway, Nonreinf Conc, 8 inch, Modified | 60 | Syd | 68.00 | 4,080.00 | 94.50 | 5,670.00 |
| 48. | Driveway Opening, Conc, Det M | 86 | Ft | 35.00 | 3,010.00 | 30.00 | 2,580.00 |
| 49. | _Curb and Gutter, Conc, Det F2, Modified | 3,600 | Ft | 25.00 | 90,000.00 | 26.00 | 93,600.00 |
| 50. | Detectable Warning Surface | 70 | Ft | 90.00 | 6,300.00 | 40.00 | 2,800.00 |
| 51. | Curb Ramp Opening, Conc | 84 | Ft | 65.00 | 5,460.00 | 30.00 | 2,520.00 |
| 52. | Sidewalk, Conc, 4 inch | 2,125 | Sft | 6.00 | 12,750.00 | 6.90 | 14,662.50 |
| 53. | Sidewalk, Conc, 6 inch | 400 | Sft | 7.00 | 2,800.00 | 7.65 | 3,060.00 |
| 54. | Sidewalk, Conc, 8 inch | 45 | Sft | 8.00 | 360.00 | 12.15 | 546.75 |
| 55. | Curb Ramp, Conc, 4 inch | 650 | Sft | 26.00 | 16,900.00 | 7.65 | 4,972.50 |
| 56. | _Curb Ramp, Conc, 8 Inch | 650 | Sft | 28.00 | 18,200.00 | 9.65 | 6,272.50 |
| 57. | _Traffic Control, Minor Street | 1 | LS | 48,000.00 | 48,000.00 | 23,000.00 | 23,000.00 |
| 58. | _Proposed Trees | 25 | Ea | 500.00 | 12,500.00 | 590.00 | 14,750.00 |
| 59. | Sodding | 2,800 | Syd | 5.00 | 14,000.00 | 4.50 | 12,600.00 |
| 60. | Topsoil Surface, Furn, 3 inch | 2,800 | Syd | 6.00 | 16,800.00 | 4.25 | 11,900.00 |
| 61. | Water, Sodding/Seeding | 55 | Unit | 15.00 | 825.00 | 100.00 | 5,500.00 |
| 62. | _Staking First Row of Sod | 3,000 | Ft | 2.00 | 6,000.00 | 0.20 | 600.00 |
| 63. | Gate Valve, 8 inch | 3 | Ea | 5,000.00 | 15,000.00 | 6,000.00 | 18,000.00 |
| 64. | Gate Well, Abandon | 1 | Ea | 150.00 | 150.00 | 800.00 | 800.00 |
| 65. | Gate Well, Rem | 2 | Ea | 200.00 | 400.00 | 1,500.00 | 3,000.00 |
| 66. | Hydrant, Rem | 6 | Ea | 550.00 | 3,300.00 | 1,000.00 | 6,000.00 |



TABULATION OF BIDS
 CITY OF GROSSE POINTE WOODS
 HAMPTON ROAD WATER MAIN
 & RESURFACING - MACK TO MARTER
 AEW PROJECT NO. 0160-0456

Pamar Enterprises, Inc.
 31604 Pamar Court
 New Haven, MI 48048

Florence Cement Company
 51515 Corridor Drive
 Shelby Township, MI 48315

| Item No. | Description | Estimated Quantity | Units | Pamar Enterprises, Inc. | | Florence Cement Company | |
|-------------------------|--|--------------------|-------|-------------------------|---------------------|-------------------------|---------------------|
| | | | | Unit Price | Amount | Unit Price | Amount |
| 67. | Water Main, 8 inch, Cut and Plug | 1 | Ea | 550.00 | 550.00 | 800.00 | 800.00 |
| 68. | Water Main, DI, 8 inch, Tr Det G | 212 | Ft | 280.00 | 59,360.00 | 275.00 | 58,300.00 |
| 69. | Water Serv | 3 | Ea | 1,500.00 | 4,500.00 | 2,750.00 | 8,250.00 |
| 70. | Water Serv, Long | 3 | Ea | 2,800.00 | 8,400.00 | 3,750.00 | 11,250.00 |
| 71. | Gate Well, 60 inch dia | 3 | Ea | 5,000.00 | 15,000.00 | 4,950.00 | 14,850.00 |
| 72. | Water Shutoff, Adj, Case 2 | 1 | Ea | 250.00 | 250.00 | 150.00 | 150.00 |
| 73. | _Irrigation Pipe | 400 | Ft | 6.50 | 2,600.00 | 7.00 | 2,800.00 |
| 74. | _Water Main, HDPE, DR 11, 8 inch, Pipe Burst | 2,791 | Ft | 280.00 | 781,480.00 | 200.00 | 558,200.00 |
| 75. | _Fire Hydrant Assembly | 6 | Ea | 11,500.00 | 69,000.00 | 10,000.00 | 60,000.00 |
| 76. | _Gate Well Cover, GPW | 3 | Ea | 500.00 | 1,500.00 | 1,000.00 | 3,000.00 |
| 77. | _Sprinkler Head | 40 | Ea | 95.00 | 3,800.00 | 40.00 | 1,600.00 |
| 78. | _Sprinkler Head, Adj | 5 | Ea | 50.00 | 250.00 | 40.00 | 200.00 |
| 79. | _Water Main Connection, 8 inch | 2 | Ea | 7,500.00 | 15,000.00 | 3,500.00 | 7,000.00 |
| 80. | _Water Serv, Modified | 129 | Ea | 550.00 | 70,950.00 | 1,500.00 | 193,500.00 |
| 81. | _Water Serv, Special | 5 | Ea | 8,800.00 | 44,000.00 | 6,000.00 | 30,000.00 |
| 82. | _Temporary Water Service | 1 | LS | 55,000.00 | 55,000.00 | 1.00 | 1.00 |
| 83. | _Audio Visual Record of Construction Area | 1 | LS | 870.00 | 870.00 | 1,500.00 | 1,500.00 |
| 84. | _Rubbish Pickup | 1 | LS | 100.00 | 100.00 | 5,000.00 | 5,000.00 |
| TOTAL AMOUNT BID | | | | \$ | 2,324,642.75 | \$ | 2,332,115.00 |

* CORRECTED BY ENGINEER



TABULATION OF BIDS
 CITY OF GROSSE POINTE WOODS
 HAMPTON ROAD WATER MAIN
 & RESURFACING - MACK TO MARTER
 AEW PROJECT NO. 0160-0456

Pro Line Asphalt Paving Corporation
 11797 29 Mile Road
 Washington, MI 48095

Lawrence M. Clarke, Inc.
 50850 Bemis Road
 Belleville, MI 48111

| Item No. | Description | Estimated Quantity | Units | Unit Price | Amount | Unit Price | Amount |
|----------|--|--------------------|-------|------------|-----------|------------|------------|
| 1. | _Reimbursed Permit Fees | 1,500 | Dlr | 1.00 | 1,500.00 | 1.00 | 1,500.00 |
| 2. | Mobilization, Max \$55,000 | 1 | LS | 55,000.00 | 55,000.00 | 55,000.00 | 55,000.00 |
| 3. | Tree, Rem, 19 inch to 36 inch | 2 | Ea | 2,200.00 | 4,400.00 | 3,000.00 | 6,000.00 |
| 4. | Tree, Rem, 37 inch or Larger | 1 | Ea | 3,500.00 | 3,500.00 | 6,000.00 | 6,000.00 |
| 5. | Tree, Rem, 6 inch to 18 inch | 23 | Ea | 350.00 | 8,050.00 | 2,500.00 | 57,500.00 |
| 6. | Dr Structure, Abandon | 1 | Ea | 800.00 | 800.00 | 2,500.00 | 2,500.00 |
| 7. | Dr Structure, Rem | 24 | Ea | 900.00 | 21,600.00 | 3,500.00 | 84,000.00 |
| 8. | Sewer, Rem, Less than 24 inch | 432 | Ft | 40.00 | 17,280.00 | 30.00 | 12,960.00 |
| 9. | Curb and Gutter, Rem | 3,700 | Ft | 10.00 | 37,000.00 | 10.00 | 37,000.00 |
| 10. | Pavt, Rem | 207 | Syd | 25.00 | 5,175.00 | 15.00 | 3,105.00 |
| 11. | Sidewalk, Rem | 430 | Syd | 20.00 | 8,600.00 | 10.00 | 4,300.00 * |
| 12. | Exploratory Investigation, Vertical | 16 | Ft | 350.00 | 5,600.00 | 400.00 | 6,400.00 |
| 13. | _Driveway, Rem | 800 | Syd | 30.00 | 24,000.00 | 15.00 | 12,000.00 |
| 14. | _Subgrade Undercutting, Modified | 200 | Cyd | 30.00 | 6,000.00 | 100.00 | 20,000.00 |
| 15. | _Subgrade Undercutting, Special | 100 | Cyd | 30.00 | 3,000.00 | 120.00 | 12,000.00 |
| 16. | Erosion Control, Inlet Protection, Fabric Drop | 28 | Ea | 100.00 | 2,800.00 | 250.00 | 7,000.00 |
| 17. | Aggregate Base | 500 | Ton | 40.00 | 20,000.00 | 50.00 | 25,000.00 |
| 18. | Aggregate Base, 6 inch | 1,100 | Syd | 20.00 | 22,000.00 | 60.00 | 66,000.00 |
| 19. | Aggregate Base, 11 inch | 625 | Syd | 30.00 | 18,750.00 | 90.00 | 56,250.00 |
| 20. | Aggregate Base, Conditioning | 5,000 | Syd | 2.00 | 10,000.00 | 20.00 | 100,000.00 |
| 21. | Maintenance Gravel | 250 | Ton | 30.00 | 7,500.00 | 200.00 | 50,000.00 |
| 22. | _Trenching, Modified | 38 | Sta | 1,500.00 | 57,000.00 | 1,000.00 | 38,000.00 |



TABULATION OF BIDS
 CITY OF GROSSE POINTE WOODS
 HAMPTON ROAD WATER MAIN
 & RESURFACING - MACK TO MARTER
 AEW PROJECT NO. 0160-0456

Pro Line Asphalt Paving Corporation
 11797 29 Mile Road
 Washington, MI 48095

Lawrence M. Clarke, Inc.
 50850 Bemis Road
 Belleville, MI 48111

| Item No. | Description | Estimated Quantity | Units | Unit Price | Amount | Unit Price | Amount |
|----------|---|--------------------|-------|------------|------------|------------|------------|
| 23. | Sewer. CI IV, 12 inch, Tr Det B | 431 | Ft | 150.00 | 64,650.00 | 75.00 | 32,325.00 |
| 24. | _Post-TV Sewer Laterals | 62 | Ea | 200.00 | 12,400.00 | 250.00 | 15,500.00 |
| 25. | _Pre-TV Sewer Laterals | 62 | Ea | 200.00 | 12,400.00 | 250.00 | 15,500.00 |
| 26. | _Sanitary Lead Repair | 5 | Ea | 1,300.00 | 6,500.00 | 750.00 | 3,750.00 |
| 27. | _Sewer Bulkhead, 10 inch | 1 | Ea | 250.00 | 250.00 | 500.00 | 500.00 |
| 28. | Dr Structure Cover, Adj, Case 1 | 19 | Ea | 1,000.00 | 19,000.00 | 1,000.00 | 19,000.00 |
| 29. | Dr Structure Cover, Adj, Case 2 | 1 | Ea | 1,000.00 | 1,000.00 | 1,500.00 | 1,500.00 |
| 30. | Dr Structure, 24 inch dia | 20 | Ea | 1,700.00 | 34,000.00 | 3,000.00 | 60,000.00 |
| 31. | Dr Structure, 48 inch dia | 8 | Ea | 2,900.00 | 23,200.00 | 5,500.00 | 44,000.00 |
| 32. | Dr Structure, Tap, 12 inch | 18 | Ea | 1,000.00 | 18,000.00 | 3,500.00 | 63,000.00 |
| 33. | _Catch Basin Cover, Restricted, GPW | 27 | Ea | 800.00 | 21,600.00 | 1,000.00 | 27,000.00 |
| 34. | _Combined Manhole Cover, GPW | 20 | Ea | 800.00 | 16,000.00 | 1,000.00 | 20,000.00 |
| 35. | _Dr Structure Trap, 12 inch | 19 | Ea | 700.00 | 13,300.00 | 1,500.00 | 28,500.00 |
| 36. | _External Structure Wrap, 18 inch | 47 | Ea | 950.00 | 44,650.00 | 500.00 | 23,500.00 |
| 37. | Underdrain, Subgrade, 4 inch | 540 | Ft | 26.00 | 14,040.00 | 80.00 | 43,200.00 |
| 38. | _Pop-Up Emitter, Storm Drain, Residential | 2 | Ea | 300.00 | 600.00 | 75.00 | 150.00 |
| 39. | Pavt, Cleaning | 1 | LS | 10,000.00 | 10,000.00 | 10,000.00 | 10,000.00 |
| 40. | HMA Surface, Rem | 5,400 | Syd | 9.00 | 48,600.00 | 15.00 | 81,000.00 |
| 41. | Hand Patching | 20 | Ton | 250.00 | 5,000.00 | 450.00 | 9,000.00 |
| 42. | HMA, 4EML | 830 | Ton | 115.00 | 95,450.00 | 275.00 | 228,250.00 |
| 43. | HMA, 5EML | 975 | Ton | 125.00 | 121,875.00 | 285.00 | 277,875.00 |
| 44. | _Cold Milling Pavt | 3,900 | Syd | 5.00 | 19,500.00 | 10.00 | 39,000.00 |



TABULATION OF BIDS
 CITY OF GROSSE POINTE WOODS
 HAMPTON ROAD WATER MAIN
 & RESURFACING - MACK TO MARTER
 AEW PROJECT NO. 0160-0456

Pro Line Asphalt Paving Corporation
 11797 29 Mile Road
 Washington, MI 48095

Lawrence M. Clarke, Inc.
 50850 Bemis Road
 Belleville, MI 48111

| Item No. | Description | Estimated Quantity | Units | Unit Price | Amount | Unit Price | Amount |
|----------|--|--------------------|-------|------------|------------|------------|------------|
| 45. | _Geosynthetic Paving Fabric | 8,750 | Syd | 5.00 | 43,750.00 | 8.00 | 70,000.00 |
| 46. | _Driveway, Nonreinf Conc, 6 inch, Modified | 900 | Syd | 57.00 | 51,300.00 | 80.00 | 72,000.00 |
| 47. | _Driveway, Nonreinf Conc, 8 inch, Modified | 60 | Syd | 68.00 | 4,080.00 | 100.00 | 6,000.00 |
| 48. | Driveway Opening, Conc, Det M | 86 | Ft | 35.00 | 3,010.00 | 60.00 | 5,160.00 |
| 49. | _Curb and Gutter, Conc, Det F2, Modified | 3,600 | Ft | 25.00 | 90,000.00 | 50.00 | 180,000.00 |
| 50. | Detectable Warning Surface | 70 | Ft | 75.00 | 5,250.00 | 120.00 | 8,400.00 |
| 51. | Curb Ramp Opening, Conc | 84 | Ft | 25.00 | 2,100.00 | 50.00 | 4,200.00 |
| 52. | Sidewalk, Conc, 4 inch | 2,125 | Sft | 6.00 | 12,750.00 | 10.00 | 21,250.00 |
| 53. | Sidewalk, Conc, 6 inch | 400 | Sft | 7.00 | 2,800.00 | 15.00 | 6,000.00 |
| 54. | Sidewalk, Conc, 8 inch | 45 | Sft | 8.00 | 360.00 | 20.00 | 900.00 |
| 55. | Curb Ramp, Conc, 4 inch | 650 | Sft | 11.00 | 7,150.00 | 25.00 | 16,250.00 |
| 56. | _Curb Ramp, Conc, 8 Inch | 650 | Sft | 13.00 | 8,450.00 | 45.00 | 29,250.00 |
| 57. | _Traffic Control, Minor Street | 1 | LS | 115,000.00 | 115,000.00 | 10,500.00 | 10,500.00 |
| 58. | _Proposed Trees | 25 | Ea | 700.00 | 17,500.00 | 700.00 | 17,500.00 |
| 59. | Sodding | 2,800 | Syd | 7.00 | 19,600.00 | 10.00 | 28,000.00 |
| 60. | Topsoil Surface, Furn, 3 inch | 2,800 | Syd | 5.00 | 14,000.00 | 10.00 | 28,000.00 |
| 61. | Water, Sodding/Seeding | 55 | Unit | 100.00 | 5,500.00 | 200.00 | 11,000.00 |
| 62. | _Staking First Row of Sod | 3,000 | Ft | 0.50 | 1,500.00 | 2.00 | 6,000.00 |
| 63. | Gate Valve, 8 inch | 3 | Ea | 6,000.00 | 18,000.00 | 5,500.00 | 16,500.00 |
| 64. | Gate Well, Abandon | 1 | Ea | 800.00 | 800.00 | 2,000.00 | 2,000.00 |
| 65. | Gate Well, Rem | 2 | Ea | 1,500.00 | 3,000.00 | 3,000.00 | 6,000.00 |
| 66. | Hydrant, Rem | 6 | Ea | 1,000.00 | 6,000.00 | 1,000.00 | 6,000.00 |



TABULATION OF BIDS
 CITY OF GROSSE POINTE WOODS
 HAMPTON ROAD WATER MAIN
 & RESURFACING - MACK TO MARTER
 AEW PROJECT NO. 0160-0456

Pro Line Asphalt Paving Corporation
 11797 29 Mile Road
 Washington, MI 48095

Lawrence M. Clarke, Inc.
 50850 Bemis Road
 Belleville, MI 48111

| Item No. | Description | Estimated Quantity | Units | Unit Price | Amount | Unit Price | Amount |
|-------------------------|--|--------------------|-------|------------|---------------------|------------|---------------------|
| 67. | Water Main, 8 inch, Cut and Plug | 1 | Ea | 800.00 | 800.00 | 750.00 | 750.00 |
| 68. | Water Main, DI, 8 inch, Tr Det G | 212 | Ft | 280.00 | 59,360.00 | 200.00 | 42,400.00 |
| 69. | Water Serv | 3 | Ea | 3,000.00 | 9,000.00 | 3,500.00 | 10,500.00 |
| 70. | Water Serv, Long | 3 | Ea | 4,000.00 | 12,000.00 | 5,500.00 | 16,500.00 |
| 71. | Gate Well, 60 inch dia | 3 | Ea | 5,000.00 | 15,000.00 | 4,500.00 | 13,500.00 |
| 72. | Water Shutoff, Adj, Case 2 | 1 | Ea | 200.00 | 200.00 | 750.00 | 750.00 |
| 73. | _Irrigation Pipe | 400 | Ft | 6.00 | 2,400.00 | 20.00 | 8,000.00 |
| 74. | _Water Main, HDPE, DR 11, 8 inch, Pipe Burst | 2,791 | Ft | 200.00 | 558,200.00 | 180.00 | 502,380.00 |
| 75. | _Fire Hydrant Assembly | 6 | Ea | 10,000.00 | 60,000.00 | 7,500.00 | 45,000.00 |
| 76. | _Gate Well Cover, GPW | 3 | Ea | 1,000.00 | 3,000.00 | 1,000.00 | 3,000.00 |
| 77. | _Sprinkler Head | 40 | Ea | 75.00 | 3,000.00 | 30.00 | 1,200.00 |
| 78. | _Sprinkler Head, Adj | 5 | Ea | 65.00 | 325.00 | 20.00 | 100.00 |
| 79. | _Water Main Connection, 8 inch | 2 | Ea | 4,000.00 | 8,000.00 | 8,500.00 | 17,000.00 |
| 80. | _Water Serv, Modified | 129 | Ea | 1,500.00 | 193,500.00 | 1,500.00 | 193,500.00 |
| 81. | _Water Serv, Special | 5 | Ea | 6,000.00 | 30,000.00 | 8,000.00 | 40,000.00 |
| 82. | _Temporary Water Service | 1 | LS | 100.00 | 100.00 | 20,000.00 | 20,000.00 |
| 83. | _Audio Visual Record of Construction Area | 1 | LS | 1,000.00 | 1,000.00 | 20,000.00 | 20,000.00 |
| 84. | _Rubbish Pickup | 1 | LS | 5,000.00 | 5,000.00 | 5,000.00 | 5,000.00 |
| TOTAL AMOUNT BID | | | | \$ | 2,334,355.00 | \$ | 3,195,555.00 |

* CORRECTED BY ENGINEER