ENGINEERING SERVICES 1000 ROCHESTER HILLS DRIVE ROCHESTER HILLS, MICHIGAN 48309

BID OPENING DATE: 3:00 P.M. October 30, 2008

PART A: Rochester College Water Main Replacement

**Bricco Excavating Co.,LLC** RMJ Development, LLC D & M Contracting, Inc T.R. Pieprzak, Co. Service Construction 6267 St. Clair Hwy. 21201 Meyers Road **Engineers Estimate** 143 Cady Centre, Ste 315 12501 23 Mile Road 28475 Greenfield Oak Park, MI 48237 Northville, MI 48167 China, MI 48054 Southfield, MI 48076 Date: October 14, 2008 Shelby Twp, MI 48315

|      |   |               | Date. Octob | CI 14, 2000 | Northvii   | ie, Mii 40107 | Shelby I v | vp, wii 40515 | Cillia,    | WII 40034   | Soutimen   | , MI 40070  | Oakiain    | , MII 40231 |
|------|---|---------------|-------------|-------------|------------|---------------|------------|---------------|------------|-------------|------------|-------------|------------|-------------|
| Item |   |               |             |             |            |               |            |               |            |             |            |             |            |             |
| No.  | Description   | Quantity Unit | Unit Price  | Total       | Unit Price | Total         | Unit Price | Total         | Unit Price | Total       | Unit Price | Total       | Unit Price | Total       |
| 1    | 8" Ductile Iron Water Main (CL-54) with Polywrap (Trench F) | 460 LFT       | \$55.00     | \$25,300.00 | \$53.75    | \$24,725.00   | \$43.00    | \$19,780.00   | \$51.00    | \$23,460.00 | \$50.00    | \$23,000.00 | \$62.00    | \$28,520.00 |
| 2    | 8" Gate Valve in Box  | 1 EACH        | \$2,500.00  | \$2,500.00  | \$975.00   | \$975.00      | \$1,295.00 | \$1,295.00    | \$1,093.00 | \$1,093.00  | \$1,500.00 | \$1,500.00  | \$1,300.00 | \$1,300.00  |
| 3    | Connection to Existing Main                                 | 2 EACH        | \$4,000.00  | \$8,000.00  | \$1,475.00 | \$2,950.00    | \$495.00   | \$990.00      | \$1,720.00 | \$3,440.00  | \$1,400.00 | \$2,800.00  | \$2,500.00 | \$5,000.00  |
| 4    | Reconnect Existing Hydrant Line                             | 1 EACH        | \$1,000.00  | \$1,000.00  | \$675.00   | \$675.00      | \$1,660.00 | \$1,660.00    | \$1,720.00 | \$1,720.00  | \$700.00   | \$700.00    | \$1,500.00 | \$1,500.00  |
| 5    | Fire Suppression Reconnection                               | 1 EACH        | \$500.00    | \$500.00    | \$675.00   | \$675.00      | \$1,650.00 | \$1,650.00    | \$1,720.00 | \$1,720.00  | \$700.00   | \$700.00    | \$1,400.00 | \$1,400.00  |
| 6    | Water Service Lead Reconnection                             | 3 EACH        | \$500.00    | \$1,500.00  | \$675.00   | \$2,025.00    | \$1,085.00 | \$3,255.00    | \$650.00   | \$1,950.00  | \$400.00   | \$1,200.00  | \$1,500.00 | \$4,500.00  |
| 7    | Abandon Existing Water Main                                 | 1 EACH        | \$5,000.00  | \$5,000.00  | \$975.00   | \$975.00      | \$1,520.00 | \$1,520.00    | \$1,290.00 | \$1,290.00  | \$1,500.00 | \$1,500.00  | \$1,000.00 | \$1,000.00  |
| 8    | Remove Existing Bituminous Pavement                         | 128 SYD       | \$5.00      | \$640.00    | \$4.25     | \$544.00      | \$10.00    | \$1,280.00    | \$4.50     | \$576.00    | \$8.00     | \$1,024.00  | \$5.00     | \$640.00    |
| 9    | 2" HMA, 36A   | 14 TON        | \$80.00     | \$1,120.00  | \$119.00   | \$1,666.00    | \$175.00   | \$2,450.00    | \$129.00   | \$1,806.00  | \$150.00   | \$2,100.00  | \$80.00    | \$1,120.00  |
| 10   | 2" HMA, 13A   | 14 TON        | \$75.00     | \$1,050.00  | \$119.00   | \$1,666.00    | \$175.00   | \$2,450.00    | \$129.00   | \$1,806.00  | \$150.00   | \$2,100.00  | \$80.00    | \$1,120.00  |
| 11   | Aggregate Base, 21AA, 4" Crushed Limestone                  | 25 TON        | \$25.00     | \$625.00    | \$19.00    | \$475.00      | \$28.00    | \$700.00      | \$18.81    | \$470.25    | \$34.00    | \$850.00    | \$25.00    | \$625.00    |
| 12   | Remove & Replace Existing Concrete Sidewalk                 | 350 SFT       | \$4.00      | \$1,400.00  | \$3.75     | \$1,312.50    | \$3.65     | \$1,277.50    | \$3.66     | \$1,281.00  | \$6.00     | \$2,100.00  | \$3.00     | \$1,050.00  |
| 13   | Remove & Replace Lawn with Sod                              | 1,150 SYD     | \$4.00      | \$4,600.00  | \$3.25     | \$3,737.50    | \$5.25     | \$6,037.50    | \$3.60     | \$4,140.00  | \$4.00     | \$4,600.00  | \$4.00     | \$4,600.00  |
| 14   | Silt Fence  | 125 LFT       | \$5.00      | \$625.00    | \$2.25     | \$281.25      | \$1.25     | \$156.25      | \$1.60     | \$200.00    | \$3.00     | \$375.00    | \$3.00     | \$375.00    |
| 15   | Traffic Maintenance & Control                               | 1 LS          | \$5,000.00  | \$5,000.00  | \$1,400.00 | \$1,400.00    | \$585.00   | \$585.00      | \$540.00   | \$540.00    | \$1,400.00 | \$1,400.00  | \$200.00   | \$200.00    |
| 16   | Mobilization  | 1 LS          | \$2,000.00  | \$2,000.00  | \$4,500.00 | \$4,500.00    | \$1,175.00 | \$1,175.00    | \$1,075.00 | \$1,075.00  | \$3,000.00 | \$3,000.00  | \$2,500.00 | \$2,500.00  |

**SUB-TOTAL, PART A** = \$60,860.00 **\$48,582.25** \$46,261.25 \$46,567.25 \$48,949.00 \$55,450.00

PART B: Brewster Road Water Main Replacement

Engineers Estimate
Date: October 14, 2008

| Itom        |  |               |             |             |            |             |            |             |            |              |            |             |            |              |
|-------------|--|---------------|-------------|-------------|------------|-------------|------------|-------------|------------|--------------|------------|-------------|------------|--------------|
| Item<br>No. | Description  | Quantity Unit | Unit Price  | Total       | Unit Price | Total       | Unit Price | Total       | Unit Price | Total        | Unit Price | Total       | Unit Price | Total        |
| 1           | 16" Ductile Iron Water Main, CL 54 w/Ploywrap (Trench G) | 1049 LFT      | \$85.00     | \$89,165.00 | \$68.25    | \$71,594.25 | \$87.50    | \$91,787.50 | \$104.00   | \$109,096.00 | \$88.00    | \$92,312.00 | \$98.00    | \$102,802.00 |
| 2           | 8" Ductile Iron Water Main, CL 54 w/Polywrap (Trench G)  | 18 LFT        | \$60.00     | \$1,080.00  | \$53.00    | \$954.00    | \$102.00   | \$1,836.00  | \$52.00    | \$936.00     | \$50.00    | \$900.00    | \$65.00    | \$1,170.00   |
| 3           | 30" Bore and Jack casing                                 | 95 LFT        | \$250.00    | \$23,750.00 | \$175.00   | \$16,625.00 | \$238.00   | \$22,610.00 | \$163.00   | \$15,485.00  | \$175.00   | \$16,625.00 | \$100.00   | \$9,500.00   |
| 4           | 8" Gate Valve in Box                                     | 1 EACH        | \$2,500.00  | \$2,500.00  | \$825.00   | \$825.00    | \$1,298.00 | \$1,298.00  | \$1,093.00 | \$1,093.00   | \$1,500.00 | \$1,500.00  | \$1,500.00 | \$1,500.00   |
| 5           | Connection to Existing Water Main                        | 3 EACH        | \$4,000.00  | \$12,000.00 | \$1,175.00 | \$3,525.00  | \$1,025.00 | \$3,075.00  | \$4,400.00 | \$13,200.00  | \$7,000.00 | \$21,000.00 | \$8,000.00 | \$24,000.00  |
| 6           | Fire Hydrant   | 2 EACH        | \$1,000.00  | \$2,000.00  | \$2,175.00 | \$4,350.00  | \$3,685.00 | \$7,370.00  | \$3,500.00 | \$7,000.00   | \$2,500.00 | \$5,000.00  | \$4,500.00 | \$9,000.00   |
| 7           | Abandon Existing Water Main                              | 1 LS          | \$5,000.00  | \$5,000.00  | \$875.00   | \$875.00    | \$3,050.00 | \$3,050.00  | \$1,400.00 | \$1,400.00   | \$2,500.00 | \$2,500.00  | \$5,500.00 | \$5,500.00   |
| 8           | Remove Existing Water Main                               | 1050 SYD      | \$5.00      | \$5,250.00  | \$4.50     | \$4,725.00  | \$4.00     | \$4,200.00  | \$4.56     | \$4,788.00   | \$6.00     | \$6,300.00  | \$3.00     | \$3,150.00   |
| 9           | 2" HMA, 36A  | 100 TON       | \$80.00     | \$8,000.00  | \$19.00    | \$1,900.00  | \$110.00   | \$11,000.00 | \$107.00   | \$10,700.00  | \$120.00   | \$12,000.00 | \$65.00    | \$6,500.00   |
| 10          | 2" HMA, 13A  | 100 TON       | \$75.00     | \$7,500.00  | \$19.00    | \$1,900.00  | \$110.00   | \$11,000.00 | \$107.00   | \$10,700.00  | \$120.00   | \$12,000.00 | \$65.00    | \$6,500.00   |
| 11          | Aggregate Base, 21AA, 4" Crushed Limestone for Pathway   | 200 TON       | \$25.00     | \$5,000.00  | \$19.00    | \$3,800.00  | \$21.35    | \$4,270.00  | \$18.81    | \$3,762.00   | \$34.00    | \$6,800.00  | \$15.00    | \$3,000.00   |
| 12          | MDOT Concrete Pathway Ramp/Landing, 6" thick             | 480 SFT       | \$6.00      | \$2,880.00  | \$4.25     | \$2,040.00  | \$5.50     | \$2,640.00  | \$5.00     | \$2,400.00   | \$10.00    | \$4,800.00  | \$5.00     | \$2,400.00   |
| 13          | EJIW Detecable Warning Plate (Black Contrast)            | 48 SFT        | \$30.00     | \$1,440.00  | \$22.75    | \$1,092.00  | \$31.50    | \$1,512.00  | \$11.00    | \$528.00     | \$30.00    | \$1,440.00  | \$12.00    | \$576.00     |
| 14          | Remove & Replace Lawn Area with Sod                      | 3000 SYD      | \$4.00      | \$12,000.00 | \$4.00     | \$12,000.00 | \$4.50     | \$13,500.00 | \$3.60     | \$10,800.00  | \$3.00     | \$9,000.00  | \$4.00     | \$12,000.00  |
| 15          | Traffic Maintenance & Control                            | 1 LS          | \$5,000.00  | \$5,000.00  | \$3,500.00 | \$3,500.00  | \$2,330.00 | \$2,330.00  | \$2,100.00 | \$2,100.00   | \$4,000.00 | \$4,000.00  | \$4,350.00 | \$4,350.00   |
| 16          | Mobilization   | 1 LS          | \$10,000.00 | \$10,000.00 | \$4,500.00 | \$4,500.00  | \$1,750.00 | \$1,750.00  | \$2,850.00 | \$2,850.00   | \$4,000.00 | \$4,000.00  | \$8,500.00 | \$8,500.00   |

 SUB-TOTAL, PART B =
 \$192,565.00
 \$134,205.25
 \$183,228.50
 \$196,838.00
 \$200,177.00
 \$200,448.00

 TOTAL PARTS A & B =
 \$253,425.00
 \$182,787.50
 \$229,489.75
 \$243,405.25
 \$249,126.00
 \$255,898.00

| 6.  | Lawrence M. Clarke, Inc.   | \$265,889,00 | 14. | Tyger Excavating, Inc.     | \$283,473.00 |
|-----|----------------------------|--------------|-----|----------------------------|--------------|
| 7   | *                          | \$266,589.00 |     |                            | \$283,928.00 |
| /.  | Man Con Michigan, Inc.     |              | 15. | F.D.M. Contracting, Inc.   |              |
| 8.  | C & G Myers Construction   | \$269,918.50 | 16. | Superior Excavating, inc.  | \$284,641.75 |
| 9.  | Murray Underground Systems | \$270,790.50 | 17. | AJ Excavating, Inc.        | \$295,230.78 |
| 10. | Pamar Enterprises, Inc.    | \$275,103.00 | 18. | Peter A. Basile Sons, Inc. | \$299,603.50 |
| 11. | DiCosmo Construction, LLC  | \$276,327.65 | 19. | A. W. Excavating, Inc.     | \$300,125.50 |
| 12. | Sheza Enterprises, Inc.    | \$279,874.80 | 20. | M D S Excavating, Inc.     | \$317,953.00 |
| 13. | V.I.L. Construction        | \$282,285.00 | 21. | Sinatech Construction      | \$378,297.80 |

Note: There is a variance in quantities between the bid documents and Engineer's Cost Estimate.