



CITY COUNCIL ACTION REPORT

May 23, 2008

TO: Phillip L. Nelson, City Manager

FROM: Brian P. Murphy, Asst. City Manager/Economic Development Services
Steven J. Vandette, City Engineer *SV*

SUBJECT: Standard Purchasing Resolution #1: Award to Low Bidder
Contract 08-5 – Coolidge Road, Derby to Golfview Water Main Replacement
Project No. 99.502.5

Background:

- Bids were received and publicly read on May 20, 2008. The low bid of \$320,758.00 as submitted by Pamar Enterprises Inc., can be seen in the attached tabulation of bids.
- The Engineer's estimate at the time of bidding was \$427,956.00. The low bid is therefore \$107,198.00 or 33.4% below the Engineer's estimate.
- The project work will include the abandoning and replacing of the existing water main on the east side of Coolidge Road between Derby and Golfview in Section 29. This work is scheduled to start in June of 2008 and be complete by September 30, 2008.

Financial Considerations:

- Funds for this work are included in the 2007/08 Water Fund, account number 555.7972.995025. The budgeted amount includes funds for construction, inspection and contingencies.

Legal Considerations:

- Work was competitively bid and publicly opened with ten (10) bidders responding.
- Award is contingent upon submission of proper proposal and bid documents, including insurance certificates, bonds and all specified requirements.

Policy Considerations:

- Enhance the livability and safety of the community (Goal I)
- Retain and attract investment while encouraging redevelopment (Goal III)
- Maintain relevance of public infrastructure to meet changing public needs (Goal V)

Options:

- It is recommended that City Council award a contract for Coolidge Road, Derby to Golfview Water Main Replacement to Pamar Enterprises Inc., 58021 Gratiot, New Haven MI 48048, for their low total bid amount of \$320,758.00. In addition, we are requesting authorization to approve additional work, if needed, not to exceed 10% of the original project cost.

Prepared by: G. Scott Finlay, PE

BID TABULATION
 COOLIDGE WATER MAIN REPLACEMENT
 CITY OF TROY
 OAKLAND COUNTY, MICHIGAN

Bids Due: May 20, 2008
 Project # 99.502.5

Engineers Estimate

Pamar Enterprises Inc.
 58021 Gratiot
 New Haven, MI 48084

Mago Construction Co.
 1284 Parks Rd.
 Oakland, MI 48363

C & P Construction
 13249 West Starr Drive
 Shelby Twp., MI 48315

Item	Quantity		Unit Price	Total Cost						
1 Audio - Video of Construction Area	1	LSUM	\$1,000.00	\$1,000.00	\$2,000.00	\$2,000.00	\$2,860.00	\$2,860.00	\$1,500.00	\$1,500.00
2 EXPLORATORY EXCAVATION	6	EACH	\$1,500.00	\$9,000.00	\$50.00	\$300.00	\$1,650.00	\$9,900.00	\$250.00	\$1,500.00
3 REMOVE SIDEWALK	487	SYD	\$4.00	\$1,948.00	\$1.00	\$487.00	\$7.70	\$3,749.90	\$4.50	\$2,191.50
4 REMOVE PAVEMENT	910	SYD	\$8.00	\$7,280.00	\$1.00	\$910.00	\$7.70	\$7,007.00	\$8.00	\$7,280.00
5 REMOVE APPROACH	208	SYD	\$6.00	\$1,248.00	\$1.00	\$208.00	\$9.90	\$2,059.20	\$4.00	\$832.00
6 REMOVE STUMPS 8" - 18"	1	EACH	\$250.00	\$250.00	\$50.00	\$50.00	\$550.00	\$550.00	\$100.00	\$100.00
7 REMOVE GATE VALVE & WELL	8	EACH	\$750.00	\$6,000.00	\$700.00	\$5,600.00	\$638.00	\$5,104.00	\$350.00	\$2,800.00
8 REMOVE HYDRANT	5	EACH	\$500.00	\$2,500.00	\$100.00	\$500.00	\$528.00	\$2,640.00	\$250.00	\$1,250.00
9 12" D.I. WATER MAIN, 12", T.D. - G	1950	L.F.	\$80.00	\$156,000.00	\$100.00	\$195,000.00	\$72.60	\$141,570.00	\$91.00	\$177,450.00
10 8" D.I. WATER MAIN, 12", T.D. - G	144	L.F.	\$65.00	\$9,360.00	\$70.00	\$10,080.00	\$53.90	\$7,761.60	\$80.00	\$11,520.00
11 6" STD. HYDRANT	5	EACH	\$3,000.00	\$15,000.00	\$3,500.00	\$17,500.00	\$2,469.50	\$12,347.50	\$2,200.00	\$11,000.00
12 12" GATE VALVE IN WELL	3	EACH	\$3,500.00	\$10,500.00	\$3,700.00	\$11,100.00	\$2,678.50	\$8,035.50	\$2,700.00	\$8,100.00
13 8" GATE VALVE IN WELL	2	EACH	\$2,800.00	\$5,600.00	\$2,400.00	\$4,800.00	\$2,315.50	\$4,631.00	\$2,000.00	\$4,000.00
14 16"x12" TAPPING SLEEVE & VALVE IN WELL	2	EACH	\$7,500.00	\$15,000.00	\$6,600.00	\$13,200.00	\$5,869.60	\$11,739.20	\$11,000.00	\$22,000.00
15 16"x8" TAPPING SLEEVE & VALVE IN WELL	1	EACH	\$6,000.00	\$6,000.00	\$5,800.00	\$5,800.00	\$4,537.50	\$4,537.50	\$10,000.00	\$10,000.00
16 8" CONNECTION	5	EACH	\$2,500.00	\$12,500.00	\$500.00	\$2,500.00	\$1,864.50	\$9,322.50	\$1,500.00	\$7,500.00
17 2" BLOW OFF	10	EACH	\$250.00	\$2,500.00	\$50.00	\$500.00	\$440.00	\$4,400.00	\$200.00	\$2,000.00
18 CUT & CAP	8	EACH	\$1,000.00	\$8,000.00	\$50.00	\$400.00	\$1,028.50	\$8,228.00	\$250.00	\$2,000.00
19 ABANDON/REMOVE WATER MAIN	1	LSUM	\$10,000.00	\$10,000.00	\$1,500.00	\$1,500.00	\$1,551.00	\$1,551.00	\$5,000.00	\$5,000.00
20 4" CONCRETE SIDEWALK	4380	S.F.	\$4.00	\$17,520.00	\$1.85	\$8,103.00	\$3.75	\$16,425.00	\$3.75	\$16,425.00
21 6" EDGE DRAIN	500	L.F.	\$20.00	\$10,000.00	\$0.50	\$250.00	\$15.40	\$7,700.00	\$7.00	\$3,500.00
22 TEMPORARY WATER SERVICE	1	LSUM	\$10,000.00	\$10,000.00	\$12,000.00	\$12,000.00	\$14,300.00	\$14,300.00	\$4,000.00	\$4,000.00
23 ADA RAMP	4	EACH	\$2,000.00	\$8,000.00	\$50.00	\$200.00	\$242.00	\$968.00	\$300.00	\$1,200.00
24 10" PLAIN CONCRETE W/INTERGAL CURB	910	SYD	\$60.00	\$54,600.00	\$1.00	\$910.00	\$51.25	\$46,637.50	\$50.00	\$45,500.00
25 HMA, 36A	48	TON	\$150.00	\$7,200.00	\$120.00	\$5,760.00	\$145.20	\$6,969.60	\$120.00	\$5,760.00
26 MAINTENANCE AGG., 21 AA LIMESTONE	300	TON	\$20.00	\$6,000.00	\$2.00	\$600.00	\$18.70	\$5,610.00	\$20.00	\$6,000.00
27 SILT SACK	5	EACH	\$500.00	\$2,500.00	\$50.00	\$250.00	\$214.50	\$1,072.50	\$100.00	\$500.00
28 MOWING	4	TIMES	\$300.00	\$1,200.00	\$100.00	\$400.00	\$220.00	\$880.00	\$100.00	\$400.00
29 WATERING, 1000 GAL./UNIT	75	UNITS	\$10.00	\$750.00	\$10.00	\$750.00	\$16.50	\$1,237.50	\$25.00	\$1,875.00
30 TRAFFIC CONTROL	1	LSUM	\$15,000.00	\$15,000.00	\$16,000.00	\$16,000.00	\$4,950.00	\$4,950.00	\$3,000.00	\$3,000.00
31 SAWCUT, REMOVE & REPLACE CURR (IF NEEDED)	300	L.F.	\$40.00	\$12,000.00	\$5.00	\$1,500.00	\$24.65	\$7,395.00	\$20.00	\$6,000.00
32 REMOVE & REPLACE DRAINAGE STRUCTURE	2	EACH	\$1,000.00	\$2,000.00	\$500.00	\$1,000.00	\$2,530.00	\$5,060.00	\$1,500.00	\$3,000.00
33 SOD REPLACEMENT (IF NEEDED)	300	SYD	\$5.00	\$1,500.00	\$2.00	\$600.00	\$5.50	\$1,650.00	\$4.00	\$1,200.00
34 SPRINKLERS (INCLUDED)	XXX	XXX								
35 RESTORATION (INCLUDED)	XXX	XXX								
				\$427,956.00		\$320,758.00		\$368,849.00		\$376,383.50

BID TABULATION
 COOLIDGE WATER MAIN REPLACEMENT
 CITY OF TROY
 OAKLAND COUNTY, MICHIGAN

D & M Contracting, Inc.
 12501 23 Mile Road
 Shelby Twp., MI

Troelsen Excavating
 1395 Rochester Road
 Troy, Michigan 48083-6015

C & G Meyers
 53162 Pontiac Trail, Ste. A
 Milford, MI 48381

V.I.L. Construction Inc.
 6670 Sims Drive
 Sterling Hgts., MI 48313

Item	Quantity		Unit Price	Total Cost	Unit Price	Total Cost	Unit Price	Total Cost	Unit Price	Total Cost
1 Audio - Video of Construction Area	1	LSUM	\$1,550.00	\$1,550.00	\$1,500.00	\$1,500.00	\$1,375.00	\$1,375.00	\$1,500.00	\$1,500.00
2 EXPLORATORY EXCAVATION	6	EACH	\$1,200.00	\$7,200.00	\$200.00	\$1,200.00	\$725.00	\$4,350.00	\$300.00	\$1,800.00
3 REMOVE SIDEWALK	487	SYD	\$4.00	\$1,948.00	\$7.00	\$3,409.00	\$3.20	\$1,558.40	\$6.75	\$3,287.25
4 REMOVE PAVEMENT	910	SYD	\$5.25	\$4,777.50	\$10.00	\$9,100.00	\$6.30	\$5,733.00	\$12.00	\$10,920.00
5 REMOVE APPROACH	208	SYD	\$10.50	\$2,184.00	\$7.00	\$1,456.00	\$7.90	\$1,643.20	\$6.75	\$1,404.00
6 REMOVE STUMPS 8" - 18"	1	EACH	\$200.00	\$200.00	\$300.00	\$300.00	\$250.00	\$250.00	\$350.00	\$350.00
7 REMOVE GATE VALVE & WELL	8	EACH	\$600.00	\$4,800.00	\$350.00	\$2,800.00	\$360.00	\$2,880.00	\$350.00	\$2,800.00
8 REMOVE HYDRANT	5	EACH	\$700.00	\$3,500.00	\$350.00	\$1,750.00	\$360.00	\$1,800.00	\$375.00	\$1,875.00
9 12" D.I. WATER MAIN, 12", T.D. - G	1950	L.F.	\$73.50	\$143,325.00	\$88.00	\$171,600.00	\$96.00	\$187,200.00	\$86.00	\$167,700.00
10 8" D.I. WATER MAIN, 12", T.D. - G	144	L.F.	\$119.00	\$17,136.00	\$77.00	\$11,088.00	\$68.50	\$9,864.00	\$73.00	\$10,512.00
11 6" STD. HYDRANT	5	EACH	\$2,500.00	\$12,500.00	\$3,300.00	\$16,500.00	\$2,950.00	\$14,750.00	\$2,700.00	\$13,500.00
12 12" GATE VALVE IN WELL	3	EACH	\$4,300.00	\$12,900.00	\$4,300.00	\$12,900.00	\$3,100.00	\$9,300.00	\$3,500.00	\$10,500.00
13 8" GATE VALVE IN WELL	2	EACH	\$2,700.00	\$5,400.00	\$2,500.00	\$5,000.00	\$2,550.00	\$5,100.00	\$2,700.00	\$5,400.00
14 16"x12" TAPPING SLEEVE & VALVE IN WELL	2	EACH	\$10,300.00	\$20,600.00	\$6,000.00	\$12,000.00	\$7,890.00	\$15,780.00	\$10,000.00	\$20,000.00
15 16"x8" TAPPING SLEEVE & VALVE IN WELL	1	EACH	\$8,200.00	\$8,200.00	\$5,000.00	\$5,000.00	\$5,665.00	\$5,665.00	\$7,200.00	\$7,200.00
16 8" CONNECTION	5	EACH	\$900.00	\$4,500.00	\$3,000.00	\$15,000.00	\$1,990.00	\$9,950.00	\$2,750.00	\$13,750.00
17 2" BLOW OFF	10	EACH	\$300.00	\$3,000.00	\$300.00	\$3,000.00	\$785.00	\$7,850.00	\$300.00	\$3,000.00
18 CUT & CAP	8	EACH	\$500.00	\$4,000.00	\$300.00	\$2,400.00	\$360.00	\$2,880.00	\$350.00	\$2,800.00
19 ABANDON/REMOVE WATER MAIN	1	LSUM	\$9,500.00	\$9,500.00	\$7,000.00	\$7,000.00	\$4,000.00	\$4,000.00	\$1,500.00	\$1,500.00
20 4" CONCRETE SIDEWALK	4380	S.F.	\$3.50	\$15,330.00	\$7.00	\$30,660.00	\$3.20	\$14,016.00	\$3.25	\$14,235.00
21 6" EDGE DRAIN	500	L.F.	\$10.00	\$5,000.00	\$15.00	\$7,500.00	\$8.85	\$4,425.00	\$10.00	\$5,000.00
22 TEMPORARY WATER SERVICE	1	LSUM	\$2,500.00	\$2,500.00	\$5,000.00	\$5,000.00	\$8,530.00	\$8,530.00	\$5,000.00	\$5,000.00
23 ADA RAMP	4	EACH	\$550.00	\$2,200.00	\$300.00	\$1,200.00	\$200.00	\$800.00	\$250.00	\$1,000.00
24 10" PLAIN CONCRETE W/INTERGAL CURB	910	SYD	\$55.00	\$50,050.00	\$42.00	\$38,220.00	\$45.30	\$41,223.00	\$50.00	\$45,500.00
25 HMA, 36A	48	TON	\$113.00	\$5,424.00	\$100.00	\$4,800.00	\$150.00	\$7,200.00	\$120.00	\$5,760.00
26 MAINTENANCE AGG., 21 AA LIMESTONE	300	TON	\$18.00	\$5,400.00	\$20.00	\$6,000.00	\$18.72	\$5,616.00	\$15.00	\$4,500.00
27 SILT SACK	5	EACH	\$50.00	\$250.00	\$150.00	\$750.00	\$100.00	\$500.00	\$125.00	\$625.00
28 MOWING	4	TIMES	\$500.00	\$2,000.00	\$200.00	\$800.00	\$200.00	\$800.00	\$150.00	\$600.00
29 WATERING, 1000 GAL./UNIT	75	UNITS	\$85.00	\$6,375.00	\$50.00	\$3,750.00	\$10.00	\$750.00	\$11.00	\$825.00
30 TRAFFIC CONTROL	1	LSUM	\$13,000.00	\$13,000.00	\$3,000.00	\$3,000.00	\$10,300.00	\$10,300.00	\$30,000.00	\$30,000.00
31 SAWCUT, REMOVE & REPLACE CURR (IF NEEDED)	300	L.F.	\$21.00	\$6,300.00	\$20.00	\$6,000.00	\$27.30	\$8,190.00	\$15.00	\$4,500.00
32 REMOVE & REPLACE DRAINAGE STRUCTURE	2	EACH	\$1,500.00	\$3,000.00	\$2,000.00	\$4,000.00	\$1,640.00	\$3,280.00	\$1,750.00	\$3,500.00
33 SOD REPLACEMENT (IF NEEDED)	300	SYD	\$5.00	\$1,500.00	\$6.00	\$1,800.00	\$3.45	\$1,035.00	\$5.00	\$1,500.00
34 SPRINKLERS (INCLUDED)	XXX	XXX								
35 RESTORATION (INCLUDED)	XXX	XXX								
				\$385,549.50		\$396,483.00		\$398,593.60		\$402,343.25

BID TABULATION
 COOLIDGE WATER MAIN REPLACEMENT
 CITY OF TROY
 OAKLAND COUNTY, MICHIGAN

Tyger Excavating, Inc.
 57250 Rosell Rd.
 New Haven, MI 48048

Ferguson Enterprises
 14385 Wyoming
 Detroit, MI 48238

Bricco Excavating Co., LLC
 21201 Meyer Rd.
 Oak Park, MI 48237

Item	Quantity	Unit Price	Total Cost	Unit Price	Total Cost				
1 Audio – Video of Construction Area	1	LSUM	\$3,500.00	\$3,500.00	\$2,500.00	\$2,500.00	\$15,000.00	\$15,000.00	
2 EXPLORATORY EXCAVATION	6	EACH	\$700.00	\$4,200.00	\$320.00	\$1,920.00	\$1,500.00	\$9,000.00	
3 REMOVE SIDEWALK	487	SYD	\$4.50	\$2,191.50	\$3.00	\$1,461.00	\$5.00	\$2,435.00	
4 REMOVE PAVEMENT	910	SYD	\$7.00	\$6,370.00	\$10.00	\$9,100.00	\$9.00	\$8,190.00	
5 REMOVE APPROACH	208	SYD	\$5.00	\$1,040.00	\$3.00	\$624.00	\$9.00	\$1,872.00	
6 REMOVE STUMPS 8" - 18"	1	EACH	\$200.00	\$200.00	\$220.00	\$220.00	\$650.00	\$650.00	
7 REMOVE GATE VALVE & WELL	8	EACH	\$175.00	\$1,400.00	\$450.00	\$3,600.00	\$450.00	\$3,600.00	
8 REMOVE HYDRANT	5	EACH	\$500.00	\$2,500.00	\$640.00	\$3,200.00	\$450.00	\$2,250.00	
9 12" D.I. WATER MAIN, 12", T.D. - G	1950	L.F.	\$98.00	\$191,100.00	\$89.00	\$173,550.00	\$100.00	\$195,000.00	
10 8" D.I. WATER MAIN, 12", T.D. - G	144	L.F.	\$84.00	\$12,096.00	\$72.00	\$10,368.00	\$85.00	\$12,240.00	
11 6" STD. HYDRANT	5	EACH	\$2,200.00	\$11,000.00	\$3,500.00	\$17,500.00	\$3,600.00	\$18,000.00	
12 12" GATE VALVE IN WELL	3	EACH	\$3,000.00	\$9,000.00	\$5,800.00	\$17,400.00	\$3,600.00	\$10,800.00	
13 8" GATE VALVE IN WELL	2	EACH	\$2,100.00	\$4,200.00	\$4,500.00	\$9,000.00	\$2,800.00	\$5,600.00	
14 16"x12" TAPPING SLEEVE & VALVE IN WELL	2	EACH	\$9,500.00	\$19,000.00	\$8,800.00	\$17,600.00	\$7,000.00	\$14,000.00	
15 16"x8" TAPPING SLEEVE & VALVE IN WELL	1	EACH	\$8,000.00	\$8,000.00	\$7,800.00	\$7,800.00	\$6,800.00	\$6,800.00	
16 8" CONNECTION	5	EACH	\$3,500.00	\$17,500.00	\$1,000.00	\$5,000.00	\$3,500.00	\$17,500.00	
17 2" BLOW OFF	10	EACH	\$200.00	\$2,000.00	\$300.00	\$3,000.00	\$250.00	\$2,500.00	
18 CUT & CAP	8	EACH	\$100.00	\$800.00	\$660.00	\$5,280.00	\$900.00	\$7,200.00	
19 ABANDON/REMOVE WATER MAIN	1	LSUM	\$5,000.00	\$5,000.00	\$1,900.00	\$1,900.00	\$2,000.00	\$2,000.00	
20 4" CONCRETE SIDEWALK	4380	S.F.	\$3.50	\$15,330.00	\$4.00	\$17,520.00	\$3.50	\$15,330.00	
21 6" EDGE DRAIN	500	L.F.	\$12.00	\$6,000.00	\$26.00	\$13,000.00	\$15.00	\$7,500.00	
22 TEMPORARY WATER SERVICE	1	LSUM	\$13,000.00	\$13,000.00	\$9,400.00	\$9,400.00	\$7,500.00	\$7,500.00	
23 ADA RAMP	4	EACH	\$200.00	\$800.00	\$1,300.00	\$5,200.00	\$350.00	\$1,400.00	
24 10" PLAIN CONCRETE W/INTERGAL CURB	910	SYD	\$46.00	\$41,860.00	\$57.00	\$51,870.00	\$59.00	\$53,690.00	
25 HMA, 36A	48	TON	\$150.00	\$7,200.00	\$110.00	\$5,280.00	\$130.00	\$6,240.00	
26 MAINTENANCE AGG., 21 AA LIMESTONE	300	TON	\$15.00	\$4,500.00	\$24.00	\$7,200.00	\$30.00	\$9,000.00	
27 SILT SACK	5	EACH	\$100.00	\$500.00	\$500.00	\$2,500.00	\$85.00	\$425.00	
28 MOWING	4	TIMES	\$75.00	\$300.00	\$130.00	\$520.00	\$400.00	\$1,600.00	
29 WATERING, 1000 GAL./UNIT	75	UNITS	\$20.00	\$1,500.00	\$25.00	\$1,875.00	\$100.00	\$7,500.00	
30 TRAFFIC CONTROL	1	LSUM	\$35,000.00	\$35,000.00	\$39,200.00	\$39,200.00	\$12,000.00	\$12,000.00	
31 SAWCUT, REMOVE & REPLACE CURR (IF NEEDED)	300	L.F.	\$27.00	\$8,100.00	\$34.00	\$10,200.00	\$35.00	\$10,500.00	
32 REMOVE & REPLACE DRAINAGE STRUCTURE	2	EACH	\$1,300.00	\$2,600.00	\$2,200.00	\$4,400.00	\$1,500.00	\$3,000.00	
33 SOD REPLACEMENT (IF NEEDED)	300	SYD	\$1.50	\$450.00	\$6.30	\$1,890.00	\$8.00	\$2,400.00	
34 SPRINKLERS (INCLUDED)	XXX	XXX							
35 RESTORATION (INCLUDED)	XXX	XXX							
				\$438,237.50		\$461,078.00		\$472,722.00	