E-04a

June 28, 2005

TO: John Szerlag, City Manager

FROM: Brian Murphy, Assistant City Manager/Services
Steven J. Vandette, City Engineer

SUBJECT: **AGENDA ITEM -** Standard Purchasing Resolution #1: Award to Low Bidder Contract 05-5 – Fernleigh Water Main Replacement

RECOMMENDATION

It is recommended that City Council award a contract for Fernleigh Water Main Replacement to Macomb Pipeline & Utilities Co., 43455 Schoenherr, Suite 6, Sterling Heights, MI 48313, for their low bid of $570,727.00 contingent upon submission of proper proposal and bid documents, including insurance certificates, bonds and all specified requirements.

In addition, we are requesting authorization to approve additional work, if needed, not to exceed 10% of the original project cost.

PROJECT INFORMATION

Bids were received and publicly read on June 22, 2005. The low bidder was Macomb Pipeline, as can be seen in the attached tabulation of bids.

The project includes replacement of the existing 6" water main with 8" and 12" water mains on Fernleigh street from Wattles Road to Winter Street. All contract work, including final restoration and cleanup, is scheduled for completion by October 31, 2005.

The engineer's estimate for the project at the time of bidding was $567,848.00. The corrected low bid is $2,879.00 or 0.5% over the engineer's estimate.

FUNDING

Funds for this work are included in the 2004/05 and 2005/06 Water fund, account numbers 555.7972.035045. The budgeted amount includes funds for construction, inspection and contingencies.

9 - Bids Sent / 6 - Bids Rec'd

Prepared by: Gary Streight, Civil Engineer
G:\Contracts\Contracts - 2005\05-5 - Fernleigh Water Main Replacement\Correspondence\Bid Award.doc

BID TABULATION: **FERNLEIGH WATER MAIN REPLACEMENT AND DRAINAGE IMPROVEMENTS** JOB NO.: **TR04-007**

BID OPENING DATE: JUNE 22, 2005 ; 2:00 PM DATE PREPARED: 28-Jun-05

OWNER: CITY OF TROY
500 W. BIG BEAVER
TROY, MI 48084
PHONE: 248 524 3300

ENGINEER: SPALDING DEDECKER ASSOCIATES
905 SOUTH BLVD EAST
ROCHESTER HILLS, MI 48307
PHONE: (248) 844-5400

				MACOMB PIPELINE		GIANETTI CONTRACTING		VIL CONSTRUCTION		TYGER EXCAVATING	
ITEM NO.		UNIT	CONT. QTY	UNIT PRICE	CONTRACT AMOUNT	UNIT PRICE	CONTRACT AMOUNT	UNIT PRICE	CONTRACT AMOUNT	UNIT PRICE	CONTRACT AMOUNT
1	AUDIO-VISUAL TAPE COVERAGE OF CONST. AREA	LS	1	1,200.00	1,200.00	1,125.00	1,125.00	1,250.00	1,250.00	5,000.00	5,000.00
2	CLEARING & GRUBBING	LS	1	3,000.00	3,000.00	750.00	750.00	3,500.00	3,500.00	2,500.00	2,500.00
3	12" CL 54 DI WATER MAIN W/ POLYWRAP TRENCH DETAIL "F"	LF	1,437	67.50	96,997.50	55.00	79,035.00	84.00	120,708.00	98.50	141,544.50
4	12" CL 54 DI WATER MAIN W/ POLYWRAP TRENCH DETAIL "G"	LF	927	72.50	67,207.50	68.00	63,036.00	97.00	89,919.00	110.00	101,970.00
5	BORING (12" CL 54 DI WATER MAIN W/ POLYWRAP)	LF	276	140.00	38,640.00	170.00	46,920.00	125.00	34,500.00	150.00	41,400.00
6	20" OD STEEL CASING (0.375" MIN. WALL)	LF	76	75.00	5,700.00	47.00	3,572.00	75.00	5,700.00	45.00	3,420.00
7	HYDRANT ASSEMBLY	EA	5	2,000.00	10,000.00	2,300.00	11,500.00	2,250.00	11,250.00	2,000.00	10,000.00
8	12" GATE VALVE & WELL	EA	6	5,000.00	30,000.00	2,400.00	14,400.00	3,250.00	19,500.00	2,700.00	16,200.00
9	2" TEMPORARY BLOWOFF	EA	2	1,250.00	2,500.00	365.00	730.00	500.00	1,000.00	250.00	500.00
10	REMOVE HYDRANT ASSEMBLY	EA	4	500.00	2,000.00	300.00	1,200.00	350.00	1,400.00	500.00	2,000.00
11	REMOVE GATE VALVE & WELL	EA	1	750.00	750.00	500.00	500.00	400.00	400.00	300.00	300.00
12	ABANDON GATE VALVE & WELL	EA	1	600.00	600.00	500.00	500.00	300.00	300.00	250.00	250.00
13	CUT & CAP EXISTING WATER MAIN	EA	2	400.00	800.00	560.00	1,120.00	500.00	1,000.00	250.00	500.00
14	CONNECT WATER MAIN	EA	2	2,500.00	5,000.00	6,000.00	12,000.00	2,500.00	5,000.00	5,000.00	10,000.00
15	2' DIA. UNDERDRAIN CATCH BASIN	EA	37	900.00	33,300.00	590.00	21,830.00	850.00	31,450.00	800.00	29,600.00
16	4' DIA. UNDERDRAIN CATCH BASIN	EA	9	1,200.00	10,800.00	1,283.00	11,547.00	1,250.00	11,250.00	1,000.00	9,000.00
17	4' DIA. STORM MANHOLE	EA	4	1,300.00	5,200.00	1,218.00	4,872.00	1,300.00	5,200.00	1,000.00	4,000.00
18	5' DIA. STORM MANHOLE	EA	2	1,450.00	2,900.00	1,560.00	3,120.00	1,700.00	3,400.00	1,200.00	2,400.00
19	6' DIA. STORM MANHOLE	EA	1	1,800.00	1,800.00	1,980.00	1,980.00	2,250.00	2,250.00	2,500.00	2,500.00
20	8" DIA. UNDERDRAIN (WRAPPED W/ GEOTEXTILE FABRIC MDOT SPEC 910.05)	LF	3,896	15.00	58,440.00	24.70	96,231.20	15.00	58,440.00	17.00	66,232.00
21	12" CSP CULVERT - 14 GAGE	LF	142	26.00	3,692.00	40.80	5,793.60	30.00	4,260.00	25.00	3,550.00
22	12" CSP END SECTION	EA	12	215.00	2,580.00	100.00	1,200.00	125.00	1,500.00	100.00	1,200.00
23	12" RCP C-76 CL IV STORM SEWER TRENCH "B"	LF	303	35.00	10,605.00	40.00	12,120.00	32.00	9,696.00	41.00	12,423.00
24	18" RCP C-76 CL IV STORM SEWER TRENCH "B"	LF	1,368	45.00	61,560.00	58.00	79,344.00	47.00	64,296.00	46.00	62,928.00
25	30" RCP C-76 CL IV STORM SEWER TRENCH "B"	LF	56	80.00	4,480.00	79.00	4,424.00	85.00	4,760.00	64.00	3,584.00
26	12" CONCRETE END SECTION	EA	3	800.00	2,400.00	333.00	999.00	450.00	1,350.00	500.00	1,500.00
27	30" CONCRETE END SECTION	EA	2	1,500.00	3,000.00	680.00	1,360.00	750.00	1,500.00	750.00	1,500.00
28	AGGREGATE BASE, 21AA - SPECIAL	TON	900	25.00	22,500.00	15.40	13,860.00	16.00	14,400.00	26.00	23,400.00

				MACOMB PIPELINE		GIANETTI CONTRACTING		VIL CONSTRUCTION		TYGER EXCAVATING	
ITEM NO.		UNIT	CONT. QTY	UNIT PRICE	CONTRACT AMOUNT	UNIT PRICE	CONTRACT AMOUNT	UNIT PRICE	CONTRACT AMOUNT	UNIT PRICE	CONTRACT AMOUNT
29	1100T 36B BITUMINOUS PAVEMENT	TON	125	85.00	10,625.00	88.00	11,000.00	110.00	13,750.00	110.00	13,750.00
30	REMOVING PAVEMENT DRIVEWAYS	SY	1,254	5.00	6,270.00	5.00	6,270.00	6.00	7,524.00	8.00	10,032.00
31	REMOVE & RESET MAILBOXES	LS	1	1,500.00	1,500.00	50.00	50.00	4,200.00	4,200.00	200.00	200.00
32	MAILBOX GANG ASSEMBLY	EA	4	500.00	2,000.00	500.00	2,000.00	500.00	2,000.00	200.00	800.00
33	MAILBOX POSTS	EA	21	30.00	630.00	75.00	1,575.00	50.00	1,050.00	10.00	210.00
34	TRAFFIC MAINTENANCE CONTROL	LS	1	5,000.00	5,000.00	3,000.00	3,000.00	6,500.00	6,500.00	8,000.00	8,000.00
35	WATERING SOD	UNIT	175	15.00	2,625.00	50.00	8,750.00	75.00	13,125.00	35.00	6,125.00
36	MOWING SOD	EA	3	1,500.00	4,500.00	500.00	1,500.00	1,250.00	3,750.00	500.00	1,500.00
37	SOD REPLACEMENT "AS REQUIRED"	SY	400	6.00	2,400.00	5.00	2,000.00	7.00	2,800.00	6.75	2,700.00
38	WEED CONTROL "AS REQUIRED"	SY	4,000	0.50	2,000.00	0.10	400.00	0.10	400.00	0.15	600.00
39	GEOTEXTILE SILT FENCE FOR SEDIMENT CONTROL, STAKED IN PLACE	LF	4,000	1.75	7,000.00	1.50	6,000.00	1.50	6,000.00	1.00	4,000.00
40	GEOTEXTILE FABRIC UNDER CATCH BASIN COVERS	EA	2	100.00	200.00	75.00	150.00	50.00	100.00	50.00	100.00
41	SYLAX COLD PATCH MATERIAL "AS NEEDED"	TON	65	125.00	8,125.00	80.00	5,200.00	75.00	4,875.00	90.00	5,850.00
42	6' DIAMETER SANITARY HOUSE LEAD "AS REQUIRED"	LF	200	15.00	3,000.00	25.00	5,000.00	30.00	6,000.00	25.00	5,000.00
43	CONSTRUCTION OBSERVATION (@$680.00 PER Day)	CREW DAYS	$680.00	40	27,200.00	64	43,520.00	40	27,200.00	55	37,400.00
TOTAL AMOUNT OF ALL BID ITEMS				*	**$570,727.00**		**$591,483.80**		**$608,453.00**		**$655,668.50**

ENGINEER'S ESTIMATE $567,848.00

OTHER BIDDERS

TONY ANTHONY $686,887.25

PAMAR ENTERPRISES $710,935.00

I HEREBY CERTIFY THAT THE ABOVE IS THE TRUE AND CORRECT SUMMARY OF THE PROPOSALS RECEIVED

*Bids corrected by Engineer

SPALDING DEDECKER ASSOCIATES