February 26, 2008

EXHIBIT I

CONTROL SECTION	STU 50458
JOB NUMBER	102308; 102309
PROJECT	STP 0850(018)(017)

ESTIMATED COST

CONTRACTED WORK

	PART A	PART B	PART C	PART D	TOTAL
Estimated Cost	$262,700	$600	$225,000	$1,400	$489,700

COST PARTICIPATION

GRAND TOTAL ESTIMATED COST	$262,700	$600	$225,000	$1,400	$489,700
Less State Local Jobs Today Grant Funds*	$ 52,500	$ 0	$ 45,000	$ 0	$ 97,500
Balance	$210,200	$600	$180,000	$1,400	$392,200
Less State Local Jobs Today Program Loan/Federal Funds (Advance Construction) Future Fiscal Year**	$210,200	$ 0	$180,000	$ 0	$390,200
REQUESTING PARTY'S SHARE (Future Fiscal Year)	$ 0	$600	$ 0	$1,400	$ 2,000

*State Local Jobs Today Grant Funds shall be applied to the eligible items of the PART A and C portions of the PROJECT COST at a participation ratio equal to 20 percent up to an amount not to exceed $70,000 and $52,000, respectively.

**Contingent upon availability of Federal Funds and Federal approval, Federal Surface Transportation Funds, for future fiscal years, may be applied to that portion of the PART A cost incurred as advance construction in an amount such that the Federal Surface Transportation Funds equal a participation ratio of 80 percent.

NO DEPOSIT

	CAB
Control Section:	STU 50458
Job No.:	102308; 102309
Project:	STP 0850(018)(017)
Federal Item No.:	RR 6320; RR 6319
CFDA No.:	20.205 (Highway Research Planning & Construction)
Contract No.:	08-8105

MICHIGAN DEPARTMENT OF TRANSPORTATION

CITY OF ROSEVILLE

LOCAL JOBS TODAY PROGRAM

LOAN CONTRACT

THIS LOAN CONTRACT, hereinafter referred to as the "CONTRACT," is made and entered into this date of _____ by and between the Michigan Department of Transportation, of 425 West Ottawa Street, P.O. Box 30050, Lansing, MI 48909, hereinafter referred to as the "DEPARTMENT," and the CITY OF ROSEVILLE, MICHIGAN, of 29777 Gratiot Avenue, P.O. Box 290, Roseville, MI 48066-0290, hereinafter referred to as the "RECIPIENT."

WITNESSETH:

WHEREAS, Act 51, Public Acts of 1951, as amended, authorizes the DEPARTMENT to enter into contracts with boards of county road commissioners, incorporated cities, and villages for the loaning of funds for the purpose of constructing transportation infrastructure improvements, as described in the second paragraph of Article IX, Section 9, of the Michigan Constitution of 1963, as amended;

NOW, THEREFORE, the parties agree to the following:

Section 1. PURPOSE

The purpose of this CONTRACT is to assist the RECIPIENT in financing transportation infrastructure improvements, as described in the second paragraph of Article IX, Section 9, of the Michigan Constitution of 1963, as amended, through the project described below, hereinafter referred to as the "PROJECT." Such assistance will be provided by the DEPARTMENT in the form of a loan. Funds will be used for pre-approved purposes only. The DEPARTMENT has the discretion and the authority to recall, freeze, or limit disbursement of any funds or a portion thereof if the purpose or manner of expenditure by

the RECIPIENT is inconsistent with this CONTRACT and/or with federal or state laws, regulations, rules, or policies.

PART A – STU 50458; JOB #102308; STP 0850(018); RR 6320
Concrete pavement work along Masonic Boulevard from Highway I-94 to the east city limits; including pavement removal, earthwork, and guardrail upgrading work; and all together with necessary related work.

PART B – STU 50458; JOB #102309; STP 0850(017); RR 6319
Concrete pavement repair and traffic signal work along Masonic Boulevard from Gratiot Avenue to Little Mack Avenue; and all together with necessary related work.

Section 2. CONTRACT TERM

This CONTRACT will be in effect from the date of award through September 30, 2010.

Section 3. PROJECT FUNDING, BILLINGS, AND PAYMENTS

The DEPARTMENT will loan the RECIPIENT for the PART A and B portions of the PROJECT $280,000 and $208,000, respectively. The RECIPIENT will pay interest at the rate of 4 percent annually. The loan funds will be used only for the PART A and B portions of the PROJECT. The DEPARTMENT will retain the loan funds and make payments to PROJECT contractors and subcontractors on the RECIPIENT's behalf. The RECIPIENT directs the DEPARTMENT to convert federal advanced construction funds as soon as they become available. The assessment of interest will begin when the DEPARTMENT expends loan funds on the RECIPIENT's behalf. It is understood that the loan funds provided under this CONTRACT will not be sufficient to pay all PROJECT costs.

The loan under this CONTRACT is subject to the RECIPIENT's repayment in the following manner: federal aid reimbursement applicable to the PART A and B portions of the PROJECT will be used to pay principal on the loan, and the DEPARTMENT will invoice the RECIPIENT annually for the actual amount of interest. The invoiced amounts will be due and payable within thirty days. Final payment of all principal and interest on the loan must be made on or before September 30, 2010.

If the RECIPIENT fails to make any of its required payments when they are due, the DEPARTMENT will immediately notify the RECIPIENT of such default and of the amount thereof, and if such default is not corrected by payment within ten (10) days, the DEPARTMENT is then authorized and directed to withhold from the first of such monies thereafter allocated by law to the RECIPIENT from the Michigan Transportation Fund, but only after sufficient money has been returned to the county road commission, city, or village to provide for the payment of contractual obligations incurred or to be incurred and principal and interest on notes or bonds issued or to be issued under 1941 PA 205, 1943 PA 143, 1952 PA 175, or Section 18c or 18d of 1951 PA 51, sufficient monies to remove the default and to credit the RECIPIENT with payment thereof and to notify the RECIPIENT in writing of such fact.

The RECIPIENT agrees that the costs reported to the DEPARTMENT for this CONTRACT will represent only those items that are properly chargeable in accordance with this CONTRACT. The RECIPIENT also certifies that it has read the CONTRACT terms and has made itself aware of the applicable laws, regulations, and terms of this CONTRACT that apply to the reporting of costs incurred under the terms of this CONTRACT.

Section 4. ADMINISTRATION

The DEPARTMENT will administer all phases of the PROJECT on behalf of the RECIPIENT, including advertising and awarding the construction contract for the PROJECT or portions of the PROJECT, in accordance with the Local Agency Cost Participation Contract, as described in Section 9.

Any change in the scope or character of the PROJECT or in the cost, term, or other provision of the CONTRACT will be by a prior written amendment to this CONTRACT awarded by the parties.

In case of any discrepancies between the body of this CONTRACT and any exhibits hereto, the body of the CONTRACT will govern. The headings used in this CONTRACT are for convenience and identification purposes only and do not form a binding part of this CONTRACT.

Section 5. COMPLIANCE ACTIVITIES

The RECIPIENT will, in the performance of this CONTRACT, comply with and require its contractors and subcontractors to comply with all applicable federal, state, and local statutes, ordinances, and regulations and will obtain or have its contractors and subcontractors obtain all permits that are applicable to the entry into and performance of this CONTRACT.

The RECIPIENT will secure any agreements or approvals from railroad companies, utility companies, governmental agencies, or private parties required for construction of the PROJECT.

This CONTRACT will be interpreted, construed, and enforced in accordance with the laws of the State of Michigan.

By signing this CONTRACT, the RECIPIENT certifies that it has obtained or will obtain all necessary environmental protection permits and clearances prior to the beginning of the construction of the PROJECT.

Section 6. BREACH AND TERMINATION

In the event that any of the following occur, the DEPARTMENT may consider the RECIPIENT to be in default with respect to this CONTRACT:

a. The RECIPIENT misrepresents any documentation or information provided to the DEPARTMENT to secure loan financing.

b. The RECIPIENT fails to make a payment of any installment of interest under this CONTRACT or fails to make a due payment of any other debt or obligation now or later owed by RECIPIENT to the DEPARTMENT.

c. The RECIPIENT defaults in the performance of any other obligation to the DEPARTMENT under this CONTRACT.

d. The RECIPIENT becomes insolvent or makes an assignment for the benefit of creditors.

e. Any guarantee or pledge made by the RECIPIENT that now or later secures payment for any or all indebtedness arising from this CONTRACT becomes terminated or limited for any reason (except as otherwise set forth herein or in 1951 PA 51) without the prior written consent or agreement of the DEPARTMENT.

f. At any time the DEPARTMENT, acting in good faith, has cause to believe that the prospect of payment or performance under this CONTRACT is impaired.

In the event that the RECIPIENT fails to comply with the provisions of this CONTRACT, including the default provisions herein, and such noncompliance by the RECIPIENT continues for a period of ten (10) days after written notification of such noncompliance without an effort by the RECIPIENT to begin to diligently pursue remedies for such noncompliance, the DEPARTMENT will have the right, at its option and notwithstanding any waiver by the DEPARTMENT or any prior noncompliance, to demand the immediate return of the full outstanding balance of the loan financing and to terminate this CONTRACT.

The exercise of such right by the DEPARTMENT will not impair any other rights of the DEPARTMENT under this CONTRACT or any rights of action against the RECIPIENT for the collection of remaining monies due the DEPARTMENT and/or the recovery of damages.

Section 7. CONTRACTUAL OBLIGATIONS

Both parties will make reasonable efforts to satisfy promptly their surviving obligations to each other necessary to complete their contractual relationships after expiration or termination of this CONTRACT. This provision is not intended to nor does it create or confer any rights upon any person or entity not a party to this CONTRACT.

Section 8. PERFORMANCE RESPONSIBILITY

Each party to this Contract will remain responsible for any claims arising out of that party's performance of this Contract, as provided by this Contract or by law.

This Contract is not intended to increase or decrease either party's liability for or immunity from tort claims.

Section 9. LOCAL AGENCY COST PARTICIPATION CONTRACT

The DEPARTMENT and the RECIPIENT agree that, with respect to the PROJECT, the RECIPIENT will enter into a Local Agency Cost Participation Contract consisting of Part I and Part II (Standard Agreement Provisions) with the DEPARTMENT prior to the disbursement of loan funds.

Section 10. NOTICES

All notices required hereunder will be in writing and will be deemed to have been duly given if personally delivered or sent by certified mail, return receipt requested, postage paid, or by telegram addressed as shown below, or by confirmed facsimile machine message, unless notified differently in writing by the other party.

If to the DEPARTMENT:

Michigan Department of Transportation
Financial Operations Division
425 West Ottawa Street
P.O. Box 30050
Lansing, MI 48909

If to the RECIPIENT:

City of Roseville
29777 Gratiot Avenue, P.O. Box 290
Roseville, MI 48066-0290

Section 11. SEVERABILITY

If any term, covenant, condition, or provision (or any part thereof) of this CONTRACT or the application thereof to any party or circumstance will at any time or to any extent be held to be invalid or unenforceable, the remainder of this CONTRACT or the application of such term or provision (or remainder thereof) to parties or circumstances other than those to which it is held to be invalid or unenforceable will not be affected thereby, and each term, covenant, condition, and provision of this CONTRACT will be valid and will be enforced to the fullest extent permitted by law.

Section 12. ASSIGNMENT

This CONTRACT may not be assigned without the express prior written approval of the non-assigning party, which approval will not be unreasonably withheld.

Section 13. ACCESS AND AUDIT

a. The RECIPIENT will establish and maintain accurate records, in accordance with generally accepted accounting principals, of all expenses incurred for which payment is sought or made under this CONTRACT, said records to be hereinafter referred to as the "RECORDS." Separate accounts will be established and maintained for all costs incurred under this CONTRACT.

b. The RECIPIENT will maintain the RECORDS for at least three (3) years from the date of final payment made by the DEPARTMENT under this CONTRACT. In the event of a dispute with regard to the allowable expenses or any other issue under this CONTRACT, the RECIPIENT will thereafter continue to maintain the RECORDS at least until that dispute has been finally decided and the time for all available challenges or appeals of that decision has expired.

c. The RECIPIENT will allow the DEPARTMENT or its representative to inspect, copy, or audit the RECORDS at any reasonable time after giving reasonable notice.

d. The RECIPIENT will comply with the Single Audit Act of 1984, as amended, including, but not limited to, the Single Audit Amendments of 1996 (31 U.S.C. 7501-7507).

e. The RECIPIENT will comply with the requirements of the federal Office of Management and Budget (OMB) Circular A-133, as revised or amended.

i. Recipients expending a total of Five Hundred Thousand Dollars ($500,000.00) or more in federal funds from one or more funding sources in their fiscal year will submit two (2) copies to the address in part ii below:

- The Reporting Package
- The Data Collection Form
- The audit firm management letter to the recipient, if issued.

The OMB Circular A-133 audit must be submitted to the address below in accordance with the time frame established in the circular, as revised or amended.

ii. Recipients expending less than Five Hundred Thousand Dollars ($500,000.00) in federal funds must submit a letter to the DEPARTMENT advising that an OMB Circular A-133 audit was not required. The letter will indicate the applicable fiscal year, the amount of federal funds spent, and the name(s) of the DEPARTMENT federal programs. This information must also be submitted to the address below.

Address: Michigan Department of Transportation
Financial Operations Division
425 West Ottawa Street
P. O. Box 30050
Lansing, MI 48909

iii. Recipients must also comply with applicable state laws and regulations relative to audit requirements.

iv. Recipients will not charge audit costs to the DEPARTMENT's federal programs that are not in accordance with the aforementioned OMB Circular A-133 requirements.

v. All recipients are subject to the federally-required monitoring activities, which may include limited scope reviews and other on-site monitoring.

f. If any part of the work is subcontracted, the RECIPIENT will assure compliance with subsections (a), (b), (c), (d), and (e) above for all subcontracted work.

Section 14. PROHIBITION OF DISCRIMINATION

a. In connection with the performance of the PROJECT under this CONTRACT, the RECIPIENT (hereinafter in Appendix A referred to as the "contractor") agrees to comply with the State of Michigan provisions for "Prohibition of Discrimination in State Contracts," as set forth in Appendix A, dated March 1998, attached hereto and made a part hereof. This provision will be included in all subcontracts relating to this CONTRACT.

b. During the performance of this CONTRACT, the RECIPIENT, for itself, its assignees, and its successors in interest (hereinafter in Appendix B referred to as the "contractor") agrees to comply with the Civil Rights Act of 1964, being P.L. 88-352, 78 Stat. 241, as amended, being Title 42 U.S.C. Sections 1971, 1975a-1975d, and 2000a-2000h-6, and the Regulations of the Department of Transportation (49 CFR Part 21) issued pursuant to said Act, including Appendix B, dated June 2003, attached hereto and made a part hereof. This provision will be included in all subcontracts related to this CONTRACT.

Section 15. ASSIGNMENT OF ANTITRUST RIGHTS

With regard to claims based on goods or services that were used to meet the RECIPIENT's obligation to the DEPARTMENT under this CONTRACT, the RECIPIENT hereby irrevocably assigns its right to pursue any claims for relief or causes of action for damages sustained by the State of Michigan or the DEPARTMENT due to any violation of 15 USC, Sections 1 - 15, and/or 1984 PA 274, MCL 445.771 - .788, excluding Section 4a, to the State of Michigan or the DEPARTMENT.

The RECIPIENT shall require any subcontractors to irrevocably assign their rights to pursue any claims for relief or causes of action for damages sustained by the State of

Michigan or the DEPARTMENT with regard to claims based on goods or services that were used to meet the RECIPIENT's obligation to the DEPARTMENT under this CONTRACT due to any violation of 15 USC, Sections 1 - 15, and/or 1984 PA 274, MCL 445.771 - .788, excluding Section 4a, to the State of Michigan or the DEPARTMENT as a third-party beneficiary.

The RECIPIENT shall notify the DEPARTMENT if it becomes aware that an antitrust violation with regard to claims based on goods or services that were used to meet the RECIPIENT's obligation to the DEPARTMENT under this CONTRACT may have occurred or is threatened to occur. The RECIPIENT shall also notify the DEPARTMENT if it becomes aware of any person's intent to commence, or of commencement of, an antitrust action with regard to claims based on goods or services that were used to meet the RECIPIENT's obligation to the DEPARTMENT under this CONTRACT.

Section 16. AWARD CONTINGENCY

Award of this CONTRACT will be contingent upon the RECIPIENT providing the DEPARTMENT with a duly adopted resolution authorizing a representative of the RECIPIENT to award this CONTRACT and undertake the PROJECT.

Section 17. FEDERAL TAX CODE

The RECIPIENT is a political subdivision of the State of Michigan that qualifies as a "government unit" within the meaning of Sections 141(b)(6)(A) and 141(c)(1) of the Internal Revenue Code of 1986, as amended, hereinafter referred to as the "CODE."

The RECIPIENT hereby covenants and agrees for the benefit of the DEPARTMENT that it will comply with the applicable requirements of Section 149 of the CODE.

The RECIPIENT will not permit at any time or times any of the property financed with the proceeds of the loan funds that would result in the exclusion of any bonds of the DEPARTMENT from the treatment afforded by Section 103(a) of the CODE, as from time to time amended, by reason of the classification of such bonds as "private activity bonds" within the meaning of Section 141(a) of the CODE, or as obligations guaranteed by the United States of America, as provided in Section 149(b) of the CODE, or cause interest on the bonds to be includable in gross income for federal income tax purposes.

Section 18. AWARD

This CONTRACT will become binding on the parties and of full force and effect upon signing by the duly authorized representatives of the RECIPIENT and the DEPARTMENT and upon adoption of a resolution approving said CONTRACT and approving the signature(s) thereto of the respective representative(s) of the RECIPIENT, a certified copy of which resolution will be sent to the DEPARTMENT with this CONTRACT, as applicable.

IN WITNESS WHEREOF, the parties have caused this CONTRACT to be awarded.

CITY OF ROSEVILLE

By: _____

Title:

LCS REVIEWED 3-4-08 CONTRACTS

MICHIGAN DEPARTMENT OF TRANSPORTATION

3/18/08

By: _____

Title: Department Director

Summary of Masonic Road Funding if Advanced Construct for both Projects currently on the TIP(2009 and 2010)

Construction Cost Summary

			Cost	Federal	Local
2009 Masonic	I-94	ECL	263,300.00	210,200.00	52,500.00
2010 Masonic	Gratiot	Little Mack	226,400.00	180,000.00	45,000.00
			489,700.00	390,200.00	97,500.00

Local Agency Cost Summary

$33,789	Design Engineering
48970	Construction Engineering
48970	Contingency
0	2009 Local Share
0	2010 Local Share
2802.666667	Interest on 2009 loan
9600	Interest on 2010 loan
$144,132	

Project must be bid by April, 2008. Interest is based on entire federal amounts being spent in July of 2008 and repaid in October of their respective fiscal year

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Summary of Masonic Road Funding if **Not** Advanced Construct for both Projects currently on the TIP(2009 and 2010)

Construction Cost Summary

			Cost	Federal	Local
2009 Masonic	I-94	ECL	263,300.00	210,200.00	52,500.00
2010 Masonic	Gratiot	Little Mack	226,400.00	180,000.00	45,000.00
			489,700.00	390,200.00	97,500.00

Local Agency Cost Summary

$33,789	Design Engineering
48970	Construction Engineering
48970	Contingency
52,500.00	2009 Local Share
45,000.00	2010 Local Share
0	Interest on 2009 loan
0	Interest on 2010 loan
$229,229	

Memorandum

TO: Stephen Truman, City Manager

FROM: Peter Provenzano, Jr., Assistant City Manager/Controller

DATE: March 31, 2008

RE: **Martin Road Water Main Replacement Project**
AEW Project # 100-375-W

Bid Due:	February 13, 2008; 11:00 A.M., Local Time
Bid Advertised:	Macomb Daily and Construction Trade Papers
Present at Opening:	Paul VanDamme, Purchasing Assistant Jill Cross, Administrative Assistant Steven Wietecha, Engineering Scott Lockwood, AEW Engineering Reps from: S&S Directional Boring, Bricco Excavating, TR Pieprazak Co., DVM Utilities, Pamar Enterprises, East Jordan Iron Works, and LM Clarke

Specifications were written for the **Martin Road Water Main Replacement Project, AEW #100-375-W** by the Engineering Department. Bid quotations were received from seven (7) companies with two (2) bids being rejected as not typed. Bids were read and reviewed by AEW Engineering.

The low bidder meeting specifications was submitted by Bricco Excavating, Co., LLC in the amount of $826,943.00. AEW has checked references for Bricco Excavating and have found that they have completed similar projects in neighboring municipalities and note they have performed satisfactorily. AEW also checked the references for the proposed subcontractor for directional drilling and have found the proposed subcontractor to be satisfactory.

Therefore, based on the recommendation from AEW Engineering, it is recommended the low bid from **Bricco Excavating Co., LLC** be accepted in the amount of **$826,943.00**

If additional information is required, please contact my office.

/jc

Attachments

ANDERSON, ECKSTEIN AND WESTRICK, INC.
51301 Schoenherr Road, Shelby Township, Michigan 48315
Civil Engineers • Surveyors • Architects 586-726-1234

March 26, 2008

Mr. Stephen Truman, City Manager
City of Roseville
29777 Gratiot Avenue
Roseville, Michigan 48066

Reference: Martin Road Water Main Replacement Project
AEW Project No. 100-375-W

Dear Mr. Truman:

On Wednesday, February 13, 2008, seven (7) 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 is Bricco Excavating Co. of Oak Park, Michigan with a total bid amount of $826,943.00.

We have previously worked with Bricco Excavating on similar projects in nearby communities and are satisfied with their performance. We have also checked the references for Bricco Excavating's proposed subcontractor for directional drilling and have found the proposed subcontractor to be satisfactory.

Based upon our past experience, availability of funds, and the lowest bid submitted, we recommend the contract for the **Martin Road Water Main Replacement Project** be awarded to **Bricco Excavating Co., LLC,** 21201 Meyers Road, Oak Park, Michigan 48237-6963 in the amount of **$826,943.00**.

If you have any questions or need additional information, please advise.

Sincerely,

ANDERSON, ECKSTEIN AND WESTRICK, INC.

[redacted]

Scott Lockwood, PE

Enclosure

cc: Paul VanDamme, Purchasing
Steve Wietecha, Engineering
Brian McGrail, Water and Sewer

O:\100\100-352\Letters\recaward.doc

ANDERSON ECKSTEIN & WESTRICK
51301 SCHOENHERR ROAD
SHELBY TOWNSHIP, MICHIGAN 48315

BID TABULATION

AEW PROJECT NO.
100-375W

Project: **Martin Road Water Main Replacement Project**

Owner: **City of Roseville**
Bid Date: February 13, 2008
File O/100/100-375W/INSP/BIDTAB.XLS

*Corrected by Engineer

NO.	WORK ITEM	QUANTITY	UNIT	Bricco Excavating Co., LLC 21201 Meyers Road Oak Park, MI 48237-3201 248-547-6963 UNIT PRICE	AMOUNT	T. R. Pieprzak Co., Inc. 6267 St Clair Hwy China Twp., MI 48054 810-329-4027 UNIT PRICE	AMOUNT
1.	Bonds, Insurance and Initial Set-up Expense (Max. 3% of Bid)	1.00	LS	16,000.00	16,000.00	16,650.00	16,650.00
2.	Audio-Visual Record of Construction Influence Area	1.00	LS	3,500.00	3,500.00	2,081.25	2,081.25
3.	Pavement, Remove	450.00	SY	17.00	7,650.00	27.73	12,478.50
4.	Driveway, Concrete, Remove	1,775.00	SF	0.58	1,029.50	1.20	2,130.00
5.	Driveway, HMA, Remove	120.00	SF	0.55	66.00	1.20	144.00
6.	Sidewalk, Remove	8,350.00	SF	0.55	4,592.50	0.33	2,755.50
7.	Brick Pavers, Salv, Replace	60.00	SF	15.00	900.00	16.65	999.00
8.	Gate Valve and Well, Abandon	15.00	EA	300.00	4,500.00	444.00	6,660.00
9.	Gate Valve and Well, Remove	9.00	EA	500.00	4,500.00	832.50	7,492.50
10.	Gate Valve and Box, Abandon	1.00	EA	200.00	200.00	166.50	166.50
11.	Gate Valve and Box, Remove	1.00	EA	300.00	300.00	560.55	560.55
12.	Hydrant, Rem	11.00	EA	450.00	4,950.00	560.55	6,166.05
13.	Water Main, Rem	60.00	FT	5.00	300.00	6.11	366.60
14.	Abandon Existing Water Main	1.00	LS	2,000.00	2,000.00	1,110.00	1,110.00
15.	Water Main, HDPE, DR 11, 8 inch, Directional Drill	6,100.00	LF	48.00	292,800.00	42.67	260,287.00
16.	Water Main, HDPE, DR 11, 8 inch, Tr Det G	120.00	LF	90.00	10,800.00	44.79	5,374.80
17.	Water Main, DI, CI 54, 8 inch, Tr Det G	450.00	LF	90.00	40,500.00	54.04	24,318.00
18.	HDPE Thrust Restraint Assembly	23.00	EA	600.00	13,800.00	577.20	13,275.60
19.	Gate Valve and Well, 8 inch	27.00	EA	3,000.00	81,000.00	3,389.94	91,528.38
20.	Standard Fire Hydrant Assembly	12.00	EA	4,500.00	54,000.00	3,847.26	46,167.12
21.	Sanitary House Lead, Locate, Expose	42.00	EA	350.00	14,700.00	305.25	12,820.50
22.	3/4" to 1" Short Side Water Service Transfer	60.00	EA	425.00	25,500.00	658.23	39,493.80
23.	3/4" to 1" Long Side Water Service Transfer	49.00	EA	730.00	35,770.00	1,258.74	61,678.26
24.	1-1/2" to 2" Short Side Water Service Transfer	4.00	EA	860.00	3,440.00	1,028.97	4,115.88
25.	1-1/2" to 2" Long Side Water Service Transfer	1.00	EA	1,250.00	1,250.00	1,929.18	1,929.18
26.	3/4" to 1" Short Side Water Service Replacement	5.00	EA	900.00	4,500.00	1,197.69	5,988.45
27.	3/4" to 1" Long Side Water Service Replacement	3.00	EA	1,650.00	4,950.00	1,931.40	5,794.20
28.	1-1/2" to 2" Short Side Water Service Replacement	1.00	EA	1,775.00	1,775.00	2,132.31	2,132.31
29.	1-1/2" to 2" Long Side Water Service Replacement	1.00	EA	2,700.00	2,700.00	3,243.42	3,243.42
30.	Type A Water Main Connection	21.00	EA	3,500.00	73,500.00	5,071.59	106,503.39
31.	Type B Water Main Connection	1.00	EA	3,000.00	3,000.00	5,071.59	5,071.59
32.	Type C Water Main Connection	1.00	EA	2,900.00	2,900.00	5,071.59	5,071.59
33.	Trench Undercut and Backfill	50.00	CY	17.00	850.00	0.01	0.50
34.	Non-Haz Contaminated Material Handling and Disposal, LM	100.00	CY	20.00	2,000.00	37.74	3,774.00
35.	Maintenance Aggregate, 21AA	750.00	TON	15.00	11,250.00	16.10	12,075.00
36.	Structure Cover	10,000.00	LB	0.80	8,000.00	1.11	11,100.00
37.	Structure Cover, Adjust	5.00	EA	250.00	1,250.00	188.70	943.50
38.	Structure Cover, Reconstruct	10.00	VF	120.00	1,200.00	249.75	2,497.50
39.	Pavt, HMA, 3 inch, Temp	450.00	SY	20.00	9,000.00	22.20	9,990.00
40.	Driveway, HMA, 13A	10.00	TON	120.00	1,200.00	166.50	1,665.00
41.	Sanitary House Lead Repair, 6 inch, Tr Det B	100.00	LF	55.00	5,500.00	72.15	7,215.00
42.	Irrigation System, Protect, Repair, Replace	15.00	EA	280.00	4,200.00	111.00	1,665.00
43.	Erosion Control, Curb and Gutter Inlet Filter	52.00	EA	85.00	4,420.00	244.20	12,698.40
44.	Project Cleanup	1.00	LS	25,000.00	25,000.00	7,783.32	7,783.32
45.	Traffic Control, Signing and Barricades	1.00	LS	4,500.00	4,500.00	7,076.25	7,076.25
46.	Observation of Material and Work to be Performed (Crew-Days)	480.00	$/DAY	65.00	31,200.00	85.00	40,800.00
	TOTAL BID AMOUNT:				**826,943.00**		**873,837.39**

ANDERSON ECKSTEIN & WESTRICK
51301 SCHOENHERR ROAD
SHELBY TOWNSHIP, MICHIGAN 48315

BID TABULATION

AEW PROJECT NO.
100-375W

Project: **Martin Road Water Main Replacement Project**

Owner: **City of Roseville**
Bid Date: February 13, 2008
File O/100/100-375W/INSP/BIDTAB.XLS

*Corrected by Engineer

NO.	WORK ITEM	QUANTITY	UNIT	Pamar Enterprises Inc. 58021 Gratiot Ave. New Haven, MI 48048 586-749-8593 UNIT PRICE	AMOUNT	L & J Construction 6640 Lakeshore Burtchville, MI 48059 810-385-3690 UNIT PRICE	AMOUNT
1.	Bonds, Insurance and Initial Set-up Expense (Max. 3% of Bid)	1.00	LS	25,000.00	25,000.00	30,000.00	30,000.00
2.	Audio-Visual Record of Construction Influence Area	1.00	LS	5,000.00	5,000.00	4,000.00	4,000.00
3.	Pavement, Remove	450.00	SY	4.00	1,800.00	9.00	4,050.00
4.	Driveway, Concrete, Remove	1,775.00	SF	0.50	887.50	2.50	4,437.50
5.	Driveway, HMA, Remove	120.00	SF	0.50	60.00	3.00	360.00
6.	Sidewalk, Remove	8,350.00	SF	0.40	3,340.00	2.50	20,875.00
7.	Brick Pavers, Salv, Replace	60.00	SF	20.00	1,200.00	7.00	420.00
8.	Gate Valve and Well, Abandon	15.00	EA	630.00	9,450.00	500.00	7,500.00
9.	Gate Valve and Well, Remove	9.00	EA	580.00	5,220.00	1,000.00	9,000.00
10.	Gate Valve and Box, Abandon	1.00	EA	100.00	100.00	200.00	200.00
11.	Gate Valve and Box, Remove	1.00	EA	150.00	150.00	300.00	300.00
12.	Hydrant, Rem	11.00	EA	300.00	3,300.00	500.00	5,500.00
13.	Water Main, Rem	60.00	FT	10.50	630.00	50.00	3,000.00
14.	Abandon Existing Water Main	1.00	LS	12,500.00	12,500.00	5,000.00	5,000.00
15.	Water Main, HDPE, DR 11, 8 inch, Directional Drill	6,100.00	LF	40.00	244,000.00	60.00	366,000.00
16.	Water Main, HDPE, DR 11, 8 inch, Tr Det G	120.00	LF	46.00	5,520.00	65.00	7,800.00
17.	Water Main, DI, Cl 54, 8 inch, Tr Det G	450.00	LF	53.00	23,850.00	90.00	40,500.00
18.	HDPE Thrust Restraint Assembly	23.00	EA	150.00	3,450.00	400.00	9,200.00
19.	Gate Valve and Well, 8 inch	27.00	EA	4,700.00	126,900.00	3,500.00	94,500.00
20.	Standard Fire Hydrant Assembly	12.00	EA	5,400.00	64,800.00	2,500.00	30,000.00
21.	Sanitary House Lead, Locate, Expose	42.00	EA	300.00	12,600.00	300.00	12,600.00
22.	3/4" to 1" Short Side Water Service Transfer	60.00	EA	650.00	39,000.00	400.00	24,000.00
23.	3/4" to 1" Long Side Water Service Transfer	49.00	EA	950.00	46,550.00	500.00	24,500.00
24.	1-1/2" to 2" Short Side Water Service Transfer	4.00	EA	1,150.00	4,600.00	1,000.00	4,000.00
25.	1-1/2" to 2" Long Side Water Service Transfer	1.00	EA	1,850.00	1,850.00	1,000.00	1,000.00
26.	3/4" to 1" Short Side Water Service Replacement	5.00	EA	1,100.00	5,500.00	600.00	3,000.00
27.	3/4" to 1" Long Side Water Service Replacement	3.00	EA	1,800.00	5,400.00	1,500.00	4,500.00
28.	1-1/2" to 2" Short Side Water Service Replacement	1.00	EA	2,250.00	2,250.00	1,500.00	1,500.00
29.	1-1/2" to 2" Long Side Water Service Replacement	1.00	EA	2,700.00	2,700.00	3,000.00	3,000.00
30.	Type A Water Main Connection	21.00	EA	2,500.00	52,500.00	3,000.00	63,000.00
31.	Type B Water Main Connection	1.00	EA	1,500.00	1,500.00	3,000.00	3,000.00
32.	Type C Water Main Connection	1.00	EA	2,250.00	2,250.00	3,500.00	3,500.00
33.	Trench Undercut and Backfill	50.00	CY	23.00	1,150.00	20.00	1,000.00
34.	Non-Haz Contaminated Material Handling and Disposal, LM	100.00	CY	40.00	4,000.00	10.00	1,000.00
35.	Maintenance Aggregate, 21AA	750.00	TON	21.00	15,750.00	20.00	15,000.00
36.	Structure Cover	10,000.00	LB	1.00	10,000.00	1.00	10,000.00
37.	Structure Cover, Adjust	5.00	EA	160.00	800.00	150.00	750.00
38.	Structure Cover, Reconstruct	10.00	VF	200.00	2,000.00	100.00	1,000.00
39.	Pavt, HMA, 3 inch, Temp	450.00	SY	40.00	18,000.00	10.00	4,500.00
40.	Driveway, HMA, 13A	10.00	TON	280.00	2,800.00	100.00	1,000.00
41.	Sanitary House Lead Repair, 6 inch, Tr Det B	100.00	LF	52.00	5,200.00	20.00	2,000.00
42.	Irrigation System, Protect, Repair, Replace	15.00	EA	150.00	2,250.00	500.00	7,500.00
43.	Erosion Control, Curb and Gutter Inlet Filter	52.00	EA	80.00	4,160.00	100.00	5,200.00
44.	Project Cleanup	1.00	LS	25,000.00	25,000.00	15,000.00	15,000.00
45.	Traffic Control, Signing and Barricades	1.00	LS	20,000.00	20,000.00	15,000.00	15,000.00
46.	Observation of Material and Work to be Performed (Crew-Days)	480.00	$/DAY	113.00	54,240.00	70.00	33,600.00
	TOTAL BID AMOUNT:				**879,207.50**		**902,792.50**

ANDERSON ECKSTEIN & WESTRICK
51301 SCHOENHERR ROAD
SHELBY TOWNSHIP, MICHIGAN 48315

BID TABULATION

AEW PROJECT NO.
100-375W

Project: **Martin Road Water Main Replacement Project**

Owner: **City of Roseville**
Bid Date: February 13, 2008
File O/100/100-375W/INSP/BIDTAB.XLS

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NO.	WORK ITEM	QUANTITY	UNIT	D.V.M. Utilities Inc. 6045 Sims Road Suite 2 Sterling Hgts., MI 48313 586-979-0402 UNIT PRICE	AMOUNT	Lawrence M. Clarke Inc. 50850 Bemis Road Belleville, MI 48111 734-481-1565 UNIT PRICE	AMOUNT
1.	Bonds, Insurance and Initial Set-up Expense (Max. 3% of Bid)	1.00	LS	25,000.00	25,000.00	40,000.00	40,000.00
2.	Audio-Visual Record of Construction Influence Area	1.00	LS	2,000.00	2,000.00	16,000.00	16,000.00
3.	Pavement, Remove	450.00	SY	10.00	4,500.00	25.00	11,250.00
4.	Driveway, Concrete, Remove	1,775.00	SF	0.75	1,331.25	3.50	6,212.50
5.	Driveway, HMA, Remove	120.00	SF	2.90	348.00	2.50	300.00
6.	Sidewalk, Remove	8,350.00	SF	1.00	8,350.00	2.25	18,787.50
7.	Brick Pavers, Salv, Replace	60.00	SF	20.00	1,200.00	11.00	660.00
8.	Gate Valve and Well, Abandon	15.00	EA	400.00	6,000.00	750.00	11,250.00
9.	Gate Valve and Well, Remove	9.00	EA	600.00	5,400.00	1,200.00	10,800.00
10.	Gate Valve and Box, Abandon	1.00	EA	250.00	250.00	350.00	350.00
11.	Gate Valve and Box, Remove	1.00	EA	500.00	500.00	500.00	500.00
12.	Hydrant, Rem	11.00	EA	500.00	5,500.00	500.00	5,500.00
13.	Water Main, Rem	60.00	FT	15.00	900.00	50.00	3,000.00
14.	Abandon Existing Water Main	1.00	LS	15,000.00	15,000.00	10,000.00	10,000.00
15.	Water Main, HDPE, DR 11, 8 inch, Directional Drill	6,100.00	LF	55.00	335,500.00	45.00	274,500.00
16.	Water Main, HDPE, DR 11, 8 inch, Tr Det G	120.00	LF	61.50	7,380.00	53.00	6,360.00
17.	Water Main, DI, CI 54, 8 inch, Tr Det G	450.00	LF	67.00	30,150.00	61.00	27,450.00
18.	HDPE Thrust Restraint Assembly	23.00	EA	450.00	10,350.00	350.00	8,050.00
19.	Gate Valve and Well, 8 inch	27.00	EA	4,500.00	121,500.00	2,300.00	62,100.00
20.	Standard Fire Hydrant Assembly	12.00	EA	3,500.00	42,000.00	2,500.00	30,000.00
21.	Sanitary House Lead, Locate, Expose	42.00	EA	500.00	21,000.00	350.00	14,700.00
22.	3/4" to 1" Short Side Water Service Transfer	60.00	EA	450.00	27,000.00	1,000.00	60,000.00
23.	3/4" to 1" Long Side Water Service Transfer	49.00	EA	650.00	31,850.00	1,350.00	66,150.00
24.	1-1/2" to 2" Short Side Water Service Transfer	4.00	EA	900.00	3,600.00	1,650.00	6,600.00
25.	1-1/2" to 2" Long Side Water Service Transfer	1.00	EA	1,100.00	1,100.00	1,950.00	1,950.00
26.	3/4" to 1" Short Side Water Service Replacement	5.00	EA	750.00	3,750.00	1,500.00	7,500.00
27.	3/4" to 1" Long Side Water Service Replacement	3.00	EA	1,200.00	3,600.00	1,600.00	4,800.00
28.	1-1/2" to 2" Short Side Water Service Replacement	1.00	EA	1,300.00	1,300.00	2,000.00	2,000.00
29.	1-1/2" to 2" Long Side Water Service Replacement	1.00	EA	1,600.00	1,600.00	2,500.00	2,500.00
30.	Type A Water Main Connection	21.00	EA	3,500.00	73,500.00	3,150.00	66,150.00
31.	Type B Water Main Connection	1.00	EA	4,000.00	4,000.00	3,100.00	3,100.00
32.	Type C Water Main Connection	1.00	EA	4,000.00	4,000.00	3,200.00	3,200.00
33.	Trench Undercut and Backfill	50.00	CY	50.00	2,500.00	30.00	1,500.00
34.	Non-Haz Contaminated Material Handling and Disposal, LM	100.00	CY	50.00	5,000.00	75.00	7,500.00
35.	Maintenance Aggregate, 21AA	750.00	TON	15.00	11,250.00	24.00	18,000.00
36.	Structure Cover	10,000.00	LB	1.70	17,000.00	2.00	20,000.00
37.	Structure Cover, Adjust	5.00	EA	500.00	2,500.00	200.00	1,000.00
38.	Structure Cover, Reconstruct	10.00	VF	350.00	3,500.00	200.00	2,000.00
39.	Pavt, HMA, 3 inch, Temp	450.00	SY	40.00	18,000.00	150.00	67,500.00
40.	Driveway, HMA, 13A	10.00	TON	250.00	2,500.00	200.00	2,000.00
41.	Sanitary House Lead Repair, 6 inch, Tr Det B	100.00	LF	40.00	4,000.00	70.00	7,000.00
42.	Irrigation System, Protect, Repair, Replace	15.00	EA	150.00	2,250.00	50.00	750.00
43.	Erosion Control, Curb and Gutter Inlet Filter	52.00	EA	55.00	2,860.00	100.00	5,200.00
44.	Project Cleanup	1.00	LS	10,000.00	10,000.00	6,000.00	6,000.00
45.	Traffic Control, Signing and Barricades	1.00	LS	15,000.00	15,000.00	3,000.00	3,000.00
46.	Observation of Material and Work to be Performed (Crew-Days)	480.00	$/DAY	60.00	28,800.00	65.00	31,200.00
	TOTAL BID AMOUNT:				**924,619.25**		**954,370.00**

ANDERSON ECKSTEIN & WESTRICK
51301 SCHOENHERR ROAD
SHELBY TOWNSHIP, MICHIGAN 48315

BID TABULATION

AEW PROJECT NO.
100-375W

Project: **Martin Road Water Main Replacement Project**

Owner: **City of Roseville**
Bid Date: February 13, 2008
File O/100/100-375W/INSP/BIDTAB.XLS

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F.D.M. Contracting Inc.
8155 Annsbury Suite 112
Shelby Twp., MI 48316
586-786-9220

NO.	WORK ITEM	QUANTITY	UNIT	UNIT PRICE	AMOUNT
1.	Bonds, Insurance and Initial Set-up Expense (Max. 3% of Bid)	1.00	LS	26,734.00	26,734.00
2.	Audio-Visual Record of Construction Influence Area	1.00	LS	2,500.00	2,500.00
3.	Pavement, Remove	450.00	SY	10.00	4,500.00
4.	Driveway, Concrete, Remove	1,775.00	SF	0.75	1,331.25
5.	Driveway, HMA, Remove	120.00	SF	0.75	90.00
6.	Sidewalk, Remove	8,350.00	SF	0.60	5,010.00
7.	Brick Pavers, Salv, Replace	60.00	SF	15.00	900.00
8.	Gate Valve and Well, Abandon	15.00	EA	400.00	6,000.00
9.	Gate Valve and Well, Remove	9.00	EA	600.00	5,400.00
10.	Gate Valve and Box, Abandon	1.00	EA	100.00	100.00
11.	Gate Valve and Box, Remove	1.00	EA	300.00	300.00
12.	Hydrant, Rem	11.00	EA	600.00	6,600.00
13.	Water Main, Rem	60.00	FT	20.00	1,200.00
14.	Abandon Existing Water Main	1.00	LS	12,000.00	12,000.00
15.	Water Main, HDPE, DR 11, 8 inch, Directional Drill	6,100.00	LF	78.00	475,800.00
16.	Water Main, HDPE, DR 11, 8 inch, Tr Det G	120.00	LF	65.00	7,800.00
17.	Water Main, DI, Cl 54, 8 inch, Tr Det G	450.00	LF	65.00	29,250.00
18.	HDPE Thrust Restraint Assembly	23.00	EA	400.00	9,200.00
19.	Gate Valve and Well, 8 inch	27.00	EA	3,500.00	94,500.00
20.	Standard Fire Hydrant Assembly	12.00	EA	3,000.00	36,000.00
21.	Sanitary House Lead, Locate, Expose	42.00	EA	500.00	21,000.00
22.	3/4" to 1" Short Side Water Service Transfer	60.00	EA	450.00	27,000.00
23.	3/4" to 1" Long Side Water Service Transfer	49.00	EA	1,500.00	73,500.00
24.	1-1/2" to 2" Short Side Water Service Transfer	4.00	EA	900.00	3,600.00
25.	1-1/2" to 2" Long Side Water Service Transfer	1.00	EA	1,800.00	1,800.00
26.	3/4" to 1" Short Side Water Service Replacement	5.00	EA	450.00	2,250.00
27.	3/4" to 1" Long Side Water Service Replacement	3.00	EA	1,800.00	5,400.00
28.	1-1/2" to 2" Short Side Water Service Replacement	1.00	EA	1,500.00	1,500.00
29.	1-1/2" to 2" Long Side Water Service Replacement	1.00	EA	2,500.00	2,500.00
30.	Type A Water Main Connection	21.00	EA	5,000.00	105,000.00
31.	Type B Water Main Connection	1.00	EA	5,000.00	5,000.00
32.	Type C Water Main Connection	1.00	EA	5,000.00	5,000.00
33.	Trench Undercut and Backfill	50.00	CY	50.00	2,500.00
34.	Non-Haz Contaminated Material Handling and Disposal, LM	100.00	CY	30.00	3,000.00
35.	Maintenance Aggregate, 21AA	750.00	TON	15.00	11,250.00
36.	Structure Cover	10,000.00	LB	1.00	10,000.00
37.	Structure Cover, Adjust	5.00	EA	300.00	1,500.00
38.	Structure Cover, Reconstruct	10.00	VF	200.00	2,000.00
39.	Pavt, HMA, 3 inch, Temp	450.00	SY	25.00	11,250.00
40.	Driveway, HMA, 13A	10.00	TON	150.00	1,500.00
41.	Sanitary House Lead Repair, 6 inch, Tr Det B	100.00	LF	55.00	5,500.00
42.	Irrigation System, Protect, Repair, Replace	15.00	EA	150.00	2,250.00
43.	Erosion Control, Curb and Gutter Inlet Filter	52.00	EA	50.00	2,600.00
44.	Project Cleanup	1.00	LS	20,000.00	20,000.00
45.	Traffic Control, Signing and Barricades	1.00	LS	15,000.00	15,000.00
46.	Observation of Material and Work to be Performed (Crew-Days)	480.00	$/DAY	65.00	31,200.00
	TOTAL BID AMOUNT:				**1,098,315.25**