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**BOND AUTHORIZING RESOLUTION  
2012 CAPITAL IMPROVEMENT BONDS  
(LIMITED TAX GENERAL OBLIGATION)**

**CITY OF ROSEVILLE  
COUNTY OF MACOMB, STATE OF MICHIGAN**

---

Minutes of a regular meeting of the City Council of the City of Roseville, County of Macomb, State of Michigan (the "City"), held on July 24, 2012, at 7:00 o'clock p.m., prevailing Eastern Time.

PRESENT: Members \_\_\_\_\_

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ABSENT: Members \_\_\_\_\_

The following preamble and resolution were offered by Member \_\_\_\_\_ and supported by Member \_\_\_\_\_:

WHEREAS, the City does hereby determine that it is necessary to acquire, construct, furnish and equip sewage disposal system improvements for the City, including sewer system rehabilitation, lining and replacement of existing sewer lines, together with all related appurtenances and attachments (the "Project"); and

WHEREAS, the cost of the Project is estimated to be approximately Five Million Two Hundred Fifty Thousand Dollars (\$5,250,000); and

WHEREAS, the Project qualifies for the State of Michigan State Revolving Fund financing program being administered by the Michigan Finance Authority (the "Authority") and the Michigan Department of Environmental Quality ("MDEQ"), whereby the bonds of the City are sold to the Authority and bear interest at a fixed rate of two and one-half percent (2.50%) per annum; and

WHEREAS, to finance the cost of the Project, the City Council deems it necessary to borrow the principal sum of not to exceed Five Million Two Hundred Fifty Thousand Dollars (\$5,250,000) and issue capital improvement bonds pursuant to Act 34, Public Acts of Michigan, 2001, as amended ("Act 34"); and

WHEREAS, a notice of intent was published in accordance with Act 34 which provided that the capital improvement bonds may be issued without a vote of the electors of the City unless a proper petition for an election on the question of the issuance of the bonds is filed with the City Clerk within a period of forty-five (45) days from the date of publication of the applicable notice; and

WHEREAS, at least 45 days have elapsed since the date of publication of the notice of intent without the filing of a petition for referendum on the question of the sale and issuance of the bonds described in the notice of intent.

NOW, THEREFORE, BE IT RESOLVED THAT:

1. Authorization of Bonds; Bond Terms. Bonds of the City designated 2012 CAPITAL IMPROVEMENT BONDS (LIMITED TAX GENERAL OBLIGATION) (the "Bonds"), are authorized to be issued in the aggregate principal sum of not to exceed Five Million Two Hundred Fifty Thousand Dollars (\$5,250,000) as finally determined by order of the MDEQ for the purpose of paying part of the cost of the Project, including the costs incidental to the issuance, sale and delivery of the Bonds. The Bonds shall be in the form of a single fully-registered, nonconvertible bond of the denomination of the full principal amount thereof, dated as of the date of delivery, payable in principal installments as shown in Schedule A in Section 6 of this Resolution or as finally determined by the order of the MDEQ at the time of sale of the Bonds and approved by the Authority and by the City Manager or the City Controller (each an "Authorized Officer"). Principal installments of the Bonds shall be payable on April 1 of the years 2014 through 2033, inclusive, as shown in Schedule A in Section 6 of this Resolution or such other payment dates as hereinafter provided. Interest on the Bonds shall be payable on April 1 and October 1 of each year, commencing October 1, 2012 or on such other interest payment dates as hereinafter provided. Final determination of the principal amount of and interest on the Bonds and the payment dates and amounts of principal installments of the Bonds shall be evidenced by execution of the Bonds and of the Purchase Contract and each of the Authorized Officers is authorized and directed to execute and deliver the Purchase Contract when it is in final form and to make the determinations set forth above; provided, however, that the first principal installment shall be due no earlier than April 1, 2014 and the final principal installment shall be due no later than October 1, 2033 and that the total principal amount shall not exceed \$5,250,000.

The Bonds shall bear interest at an interest rate per annum on the par value thereof as evidenced by execution of the Purchase Contract, but in any event not to exceed two and one-half percent (2.50%) per annum and any of the Authorized Officers as shall be appropriate shall deliver the Bonds in accordance with the delivery instructions of the Authority. The principal amount of the Bonds is expected to be drawn down by the City periodically, and interest on the principal amount drawn down shall accrue from the date such principal amount is drawn down by the City. The Bonds are also subject to the payment of "additional interest" as described in the form of the Bonds included in Section 6 of this Resolution.

The Bonds shall not be convertible or exchangeable into more than one fully-registered bond. Principal of and interest on the Bonds shall be payable as provided in the Bond form in Section 6 of this Resolution.

The Bonds or principal installments thereof shall be subject to prepayment at any time prior to maturity by the City with the prior approval of the Authority.

The Treasurer shall record on the registration books payment by the City of each installment of principal or interest or both when made and the cancelled checks or other records evidencing such payments shall be returned to and retained by the Treasurer.

Upon payment by the City of all outstanding principal of and interest on the Bonds, the Authority shall deliver the Bonds to the City for cancellation.

2. Execution of Bonds. The Mayor and the City Clerk are authorized to execute and deliver the Bonds in accordance with the delivery instructions of the Authority. The Bonds of this issue shall be executed in the name of the City with the manual or facsimile signatures of the Mayor and the City Clerk and shall have the seal of the City, or a facsimile thereof, printed or impressed on the Bonds. The Bonds bearing the manual or facsimile signatures of the Mayor and the City Clerk sold to the Authority shall require no further authentication.

3. Transfer of Bonds. Any Bond may be transferred upon the books required to be kept pursuant to this section by the person in whose name it is registered, in person or by the registered owner's duly authorized attorney, upon surrender of the Bond for cancellation, accompanied by delivery of a duly executed written instrument of transfer in a form approved by the transfer agent. Whenever any Bond or Bonds shall be surrendered for transfer, the City shall execute and the transfer agent shall authenticate and deliver a new Bond or Bonds, for like aggregate principal amount. The transfer agent shall require payment by the bondholder requesting the transfer of any tax or other governmental charge required to be paid with respect to the transfer. The City shall not be required (i) to issue, register the transfer of or exchange any Bond during a period beginning at the opening of business 15 days before the day of the giving of a notice of redemption of Bonds selected for redemption as described in the form of Bonds contained in Section 6 of this Resolution and ending at the close of business on the day of that giving of notice, or (ii) to register the transfer of or exchange any Bond so selected for redemption in whole or in part, except the unredeemed portion of Bonds being redeemed in part. The City shall give the transfer agent notice of call for redemption at least 20 days prior to the date notice of redemption is to be given.

The transfer agent shall keep or cause to be kept at its principal office sufficient books for the registration and transfer of the Bonds, which shall at all times be open to inspection by the City; and upon presentation for such purpose the transfer agent shall under such reasonable regulations as it may prescribe transfer or cause to be transferred on said books Bonds as hereinbefore provided.

If any Bond shall become mutilated, the City, at the expense of the holder of the Bond, shall execute, and the transfer agent shall authenticate and deliver, a new Bond of like tenor in exchange and substitution for the mutilated Bond, upon surrender to the transfer agent of the mutilated Bond. If any Bond issued under this Resolution shall be lost, destroyed or stolen, evidence of the loss, destruction or theft may be submitted to the transfer agent and, if this evidence is satisfactory to both and indemnity satisfactory to the transfer agent shall be given, and if all requirements of any applicable law including Act 354, Public Acts of Michigan, 1972, as amended ("Act 354"), being sections 129.131 to 129.135, inclusive, of the Michigan Compiled Laws have been met, the City, at the expense of the owner, shall execute, and the transfer agent shall thereupon authenticate and deliver, a new Bond of like tenor and bearing the statement required by Act 354, or any applicable law hereafter enacted, in lieu of and in substitution for the Bond so lost, destroyed or stolen. If any such Bond shall have matured or shall be about to mature, instead of issuing a substitute Bond the transfer agent may pay the same without surrender thereof.

4. Limited Tax Pledge; Debt Retirement Fund; Defeasance of Bonds. The City hereby pledges its limited tax full faith and credit for the prompt payment of the Bonds. The City shall, each year budget the amount of the debt service coming due in the next fiscal year on the principal of and interest on the Bonds and shall advance as a first budget obligation from its general funds available therefor, or, if necessary, levy taxes upon all taxable property in the City subject to applicable

constitutional, statutory and charter tax rate limitations, such sums as may be necessary to pay such debt service in said fiscal year.

The City Treasurer is authorized and directed to open a separate account with a bank or trust company designated by the City Council or on the books of the City to be designated 2012 CAPITAL IMPROVEMENT BONDS DEBT RETIREMENT FUND (the "Debt Retirement Fund"), the moneys to be deposited into the Debt Retirement Fund to be specifically earmarked and used solely for the purpose of paying principal of and interest on the Bonds as they mature.

In the event cash or direct obligations of the United States or obligations the principal of and interest on which are guaranteed by the United States, or a combination thereof, the principal of and interest on which, without reinvestment, come due at times and in amounts sufficient to pay at maturity or irrevocable call for earlier optional redemption, the principal of, premium, if any, and interest on the Bonds, shall be deposited in trust, this Resolution shall be defeased and the owners of the Bonds shall have no further rights under this Resolution except to receive payment of the principal of, premium, if any, and interest on the Bonds from the cash or securities deposited in trust and the interest and gains thereon and to transfer and exchange Bonds as provided herein.

5. Construction Fund; Proceeds of Bond Sale. The City Treasurer is authorized and directed to open a separate account with a bank or trust company designated by the City Council or on the books of the City, to be designated 2012 CAPITAL IMPROVEMENT BONDS CONSTRUCTION FUND (the "Construction Fund") and deposit into said Construction Fund the proceeds of the Bonds less accrued interest, if any, which shall be deposited into the Debt Retirement Fund. The moneys in the Construction Fund shall be used solely to pay the costs of the Project and the costs of issuance of the Bonds.

6. Bond Form. The Bonds shall be in substantially the following form with such changes or completion as necessary or appropriate to give effect to the intent of this Resolution, and further subject to such modifications which may be required by the Michigan Attorney General and the MFA and approved by bond counsel:

UNITED STATES OF AMERICA  
STATE OF MICHIGAN  
COUNTY OF MACOMB

CITY OF ROSEVILLE

2012 CAPITAL IMPROVEMENT BOND  
(LIMITED TAX GENERAL OBLIGATION)

REGISTERED OWNER: Michigan Finance Authority

PRINCIPAL AMOUNT: \_\_\_\_\_ Dollars (\$ \_\_\_\_\_)

DATE OF ORIGINAL ISSUE: \_\_\_\_\_, 2012

The CITY OF ROSEVILLE, County of Macomb, State of Michigan (the "City"), for value received, hereby promises to pay to the Michigan Finance Authority (the "Authority"), or registered assigns, the Principal Amount shown above, or such portion thereof as shall have been advanced to the City pursuant to a Purchase Contract between the City and the Authority and a Supplemental Agreement by and among the City, the Authority and the State of Michigan acting through the Department of Natural Resources and Environment, in lawful money of the United States of America, unless prepaid prior thereto as hereinafter provided.

During the time the Principal Amount is being drawn down by the City under this Bond, the Authority will periodically provide to the City a statement showing the amount of principal that has been advanced and the date of each advance, which statement shall constitute prima facie evidence of the reported information, provided that no failure on the part of the Authority to provide such a statement or to reflect a disbursement or the correct amount of a disbursement shall relieve the City of its obligation to repay the outstanding Principal Amount actually advanced, all accrued interest thereon, and any other amount payable with respect thereto in accordance with the terms of this Bond.

The Principal Amount shall be payable on the dates and in the annual principal installment amounts set forth on the Schedule A attached hereto and made a part hereof, as such Schedule may be adjusted if less than \$\_\_\_\_\_ is disbursed to the City or if a portion of the Principal Amount is prepaid as provided below, with interest on said principal installments from the date each said installment is delivered to the holder hereof until paid at the rate of two and one-half percent (2.50%) per annum. Interest is first payable on \_\_\_\_\_ 1, 20\_\_, and semiannually thereafter and principal is payable on the first day of April commencing \_\_\_\_\_ 1, 20\_\_ (as identified in the Purchase Contract) and annually thereafter.

Notwithstanding any other provision of this Bond, so long as the Authority is the owner of this bond, (a) this bond is payable as to principal, premium, if any, and interest at the corporate trust office of The Bank of New York Mellon Trust Company, N.A. or at such other place as shall be designated in writing to the City by the Authority (the "Authority's Depository"); (b) the City agrees that it will deposit with the Authority's Depository payments of the principal of, premium, if any, and interest on

this bond in immediately available funds by 12:00 noon at least five business days prior to the date on which any such payment is due whether by maturity, redemption or otherwise; in the event that the Authority's Depository has not received the City's deposit by 12:00 noon on the scheduled day, the City shall immediately pay to the Authority as invoiced by the Authority an amount to recover the Authority's administrative costs and lost investment earnings attributable to that late payment; and (c) written notice of any redemption of this bond shall be given by the City and received by the Authority's Depository at least 40 days prior to the date on which such redemption is to be made.

#### Additional Interest

In the event of a default in the payment of principal or interest hereon when due, whether at maturity, by redemption or otherwise, the amount of such default shall bear interest (the "additional interest") at a rate equal to the rate of interest which is two percent above the Authority's cost of providing funds (as determined by the Authority) to make payment on the bonds of the Authority issued to provide funds to purchase this bond but in no event in excess of the maximum rate of interest permitted by law. The additional interest shall continue to accrue until the Authority has been fully reimbursed for all costs incurred by the Authority (as determined by the Authority) as a consequence of the City's default. Such additional interest shall be payable on the interest payment date following demand of the Authority. In the event that (for reasons other than the default in the payment of any municipal obligation purchased by the Authority) the investment of amounts in the reserve account established by the Authority for the bonds of the Authority issued to provide funds to purchase this bond fails to provide sufficient available funds (together with any other funds which may be made available for such purpose) to pay the interest on outstanding bonds of the Authority issued to fund such account, the City shall and hereby agrees to pay on demand only the City's pro rata share (as determined by the Authority) of such deficiency as additional interest on this bond.

This bond is the single, fully registered, nonconvertible bond in the principal sum of \$ \_\_\_\_\_, issued for the purpose of paying the cost of capital improvements for the City. This bond is issued under the provisions of Act 34, Public Acts of Michigan, 2001, as amended and a duly adopted resolution of the City.

This bond is transferable only upon the books of the City by the registered owner in person or the registered owner's attorney duly authorized in writing, upon the surrender of this bond together with a written instrument of transfer satisfactory to the transfer agent, duly executed by the registered owner or the registered owner's attorney duly authorized in writing, and thereupon a new bond or bonds in the same aggregate principal amount and of the same maturity shall be issued to the transferee in exchange therefor as provided in the resolution, and upon payment of the charges, if any, therein prescribed.

This bond, including the interest thereon, is payable as a first budget obligation from the general funds of the City, and the City is required, if necessary, to levy ad valorem taxes on all taxable property in the City for the payment thereof, subject to applicable constitutional, statutory and charter tax rate limitations.

It is hereby certified and recited that all acts, conditions and things required by law to be done, precedent to and in the issuance of this bond and the series of bonds of which this is one, exist and have been done and performed in regular and due form and time as required by law, and that the total indebtedness of the City, including this bond, does not exceed any constitutional, statutory or charter debt limitation.

IN WITNESS WHEREOF, the City of Roseville, by its City Council, has caused this bond to be signed in its name with the [manual][facsimile] signatures of its Mayor and its Clerk and [a facsimile of] its corporate seal [impressed] [to be printed hereon], all as of the Date of Original Issue.

CITY OF ROSEVILLE  
County of Macomb  
State of Michigan

(SEAL)

By: \_\_\_\_\_  
Its: Mayor

By: \_\_\_\_\_  
Its: Clerk

[EXAMPLE ONLY]

MDEQ Project No.: 5373-01  
MDEQ Approved Amt: \$ \_\_\_\_\_

**SCHEDULE A**

Based on the schedule provided below unless revised as provided in this paragraph, repayment of principal of the Bond shall be made until the full amount advanced to the City is repaid. In the event the Order of Approval issued by the Michigan Department of Environmental Quality (the "Order") approves a principal amount of assistance less than the amount of the Bond delivered to the Authority, the Authority shall only disburse principal up to the amount stated in the Order. In the event (1) that the payment schedule approved by the City and described below provides for payment of a total principal amount greater than the amount of assistance approved by the Order or (2) that less than the principal amount of assistance approved by the Order is disbursed to the City by the Authority, the Authority shall prepare a new payment schedule which shall be effective upon receipt by the City.

<u>Principal Installment</u> <u>Due on</u>	<u>Amount of Principal</u> <u>Installment</u>
April 1, 2014	\$215,000
April 1, 2015	220,000
April 1, 2016	225,000
April 1, 2017	230,000
April 1, 2018	235,000
April 1, 2019	240,000
April 1, 2020	245,000
April 1, 2021	250,000
April 1, 2022	255,000
April 1, 2023	260,000
April 1, 2024	265,000
April 1, 2025	270,000
April 1, 2026	275,000
April 1, 2027	280,000
April 1, 2028	285,000
April 1, 2029	290,000
April 1, 2030	295,000
April 1, 2031	300,000
April 1, 2032	305,000
April 1, 2033	310,000

Interest on the bond shall accrue on principal disbursed by the Authority to the City from the date principal is disbursed, until paid, at the rate of 2.50% per annum, payable October 1, 2012, and semi-annually hereafter.

The City agrees that it will deposit with the Authority's Depository, or such other place as shall be designated in writing to the City by the Authority payments of the principal of, premium, if any, and interest on this bond in immediately available funds by 12:00 noon at least five business days prior to the date on which any such payment is due whether by maturity, redemption or otherwise. In the event that the Authority's Depository has not received the City's deposit by 12:00 noon on the scheduled day, the City shall immediately pay to the Authority as invoiced by the Authority an amount to recover the Authority's administrative costs and lost investment earnings attributable to that late payment.

7. Sale of Bonds. The City hereby determines that it is in the best interest of the City to negotiate the sale of the Bonds to the Authority because the State Revolving Fund financing program provides significant interest savings to the City compared to competitive sale in the municipal bond market. The Authorized Officers are hereby authorized to make application to the Authority and to the MDEQ for placement of the Bonds with the Authority.

8. Execution of Documents. The actions taken by the Authorized Officers with respect to the Bonds prior to the adoption of this Resolution are ratified and confirmed. The Authorized Officers are authorized to execute and deliver the Purchase Contract, Supplemental Agreement and City's Certificate to the Authority. Prior to the delivery of the Bonds to the Authority, any Authorized Officer is hereby authorized to make such changes to the form of Bond contained in Section 6 of this Resolution as may be necessary to conform to the requirements of Act 227, Public Acts of Michigan 1985, as amended ("Act 227"), including, but not limited to changes in the principal maturity and interest payment dates and references to additional security required by Act 227.

9. Approval of Bond Counsel. The representation of the City by Miller, Canfield, Paddock and Stone, P.L.C. ("Miller Canfield"), as bond counsel is hereby approved, notwithstanding the representation by Miller Canfield of the Authority which may include advising the Authority with respect to this borrowing.

10. Approval of Bond Details. The Authorized Officers are each hereby authorized to adjust the final bond details set forth herein to the extent necessary or convenient to complete the transaction authorized herein, and in pursuance of the foregoing is authorized to exercise the authority and make the determinations authorized pursuant to Section 315(1)(d) of Act 34, including but not limited to determinations regarding interest rates, prices, discounts, maturities, principal amounts, denominations, dates of issuance, interest payment dates, redemption rights, the place of delivery and payment, and other matters, provided that the principal amount of Bonds issued shall not exceed the principal amount authorized in this Resolution, the interest rate per annum on the Bonds shall not exceed two and one-half percent (2.50%) per annum, and the Bonds shall mature in annual installments not to exceed twenty (20) in number.

11. Useful Life of Project. The estimated period of usefulness of the Project is hereby declared to be not less than twenty-two (22) years.

12. Tax Covenant. The City shall, to the extent permitted by law, take all actions within its control necessary to maintain the exclusion of the interest on the Bonds from gross income for federal income tax purposes under the Internal Revenue Code of 1986, as amended, including, but not limited to, actions relating to any required rebate of arbitrage earnings and the expenditures and investment of Bond proceeds and moneys deemed to be Bond proceeds.

13. Authorization of Other Actions. The Authorized Officers are each authorized and directed to take all other actions necessary or advisable, and to make such other filings with any parties, to enable the sale and delivery of the Bonds as contemplated herein.

14. Rescission. All resolutions and parts of resolutions insofar as they conflict with the provisions of this Resolution be and the same hereby are rescinded.

AYES: Members \_\_\_\_\_

NAYS: Members \_\_\_\_\_

RESOLUTION DECLARED ADOPTED.

\_\_\_\_\_  
City Clerk

I hereby certify that the foregoing is a true and complete copy of a resolution adopted by the City Council of the City of Roseville, County of Macomb, State of Michigan, at a regular meeting held on July 24, 2012, and that said meeting was conducted and public notice of said meeting was given pursuant to and in full compliance with the Open Meetings Act, being Act 267, Public Acts of Michigan, 1976, and that the minutes of said meeting were kept and will be or have been made available as required by said Act.

\_\_\_\_\_  
City Clerk

20,305,240.1\076647-00017

MILLER, CANFIELD, PADDOCK AND STONE, P.L.C.

**A RESOLUTION TO TENTATIVELY AWARD  
A CONSTRUCTION CONTRACT  
FOR WASTEWATER SYSTEM IMPROVEMENTS**

**WHEREAS**, the City of Roseville wishes to construct improvements to its existing wastewater treatment and collection system; and

**WHEREAS**, the wastewater system improvements project formally adopted on June 23, 2009 will be funded through Michigan's State Revolving Fund (SRF) ; and

**WHEREAS**, the City of Roseville has sought and received construction bids for the proposed improvements described as Contract 1 – Full Length Cured-in-Place Pipe (FCIPP) Lining and has received a low bid in the amount of \$721,977.60 from Inland Waters Pollution Control, Inc., 4086 Michigan Avenue, Detroit, Michigan 48210 ; and

**WHEREAS**, the project engineer, Anderson, Eckstein and Westrick, Inc.(AEW), has recommended awarding the contract to the low bidder.

**NOW THEREFORE BE IT RESOLVED**, that the City of Roseville tentatively awards the contract for construction of the proposed wastewater system improvements project described as Contract 1 – Full Length Cured-in-Place Pipe (FCIPP) Lining, including the Base Bid and All Alternate Bid Items, to Inland Waters Pollution Control, Inc., 4086 Michigan Avenue, Detroit, Michigan 48210, contingent upon successful financial arrangements with the State Revolving Fund (SRF).

Yeas:

Nays:

Abstain:

Absent:

I certify that the above Resolution was adopted by the City Council on July 24, 2012.

BY:

\_\_\_\_\_  
Name and Title *(please print or type)*

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Date

**A RESOLUTION TO TENTATIVELY AWARD  
A CONSTRUCTION CONTRACT  
FOR WASTEWATER SYSTEM IMPROVEMENTS**

WHEREAS, the City of Roseville wishes to construct improvements to its existing wastewater treatment and collection system; and

WHEREAS, the wastewater system improvements project formally adopted on June 23, 2009 will be funded through Michigan's State Revolving Fund (SRF) ; and

WHEREAS, the City of Roseville has sought and received construction bids for the proposed improvements described as Contract 2 – Sectional Cured-in-Place Pipe (SCIPP) Lining and has received a low bid in the amount of \$1,177,450.00 from LiquiForce Services (USA) Inc., 28529 Goddard, Suite 106, Romulus, Michigan 48174 ; and

WHEREAS, the project engineer, Anderson, Eckstein and Westrick, Inc.(AEW), has recommended awarding the contract to the low bidder.

**NOW THEREFORE BE IT RESOLVED**, that the City of Roseville tentatively awards the contract for construction of the proposed wastewater system improvements project described as Contract 2 – Sectional Cured-in-Place Pipe (SCIPP) Lining to LiquiForce Services (USA) Inc., 28529 Goddard, Suite 106, Romulus, Michigan 48174, contingent upon successful financial arrangements with the State Revolving Fund (SRF).

Yeas:

Nays:

Abstain:

Absent:

I certify that the above Resolution was adopted by the City Council on July 24, 2012.

BY:

\_\_\_\_\_  
Name and Title *(please print or type)*

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Date

**A RESOLUTION TO TENTATIVELY AWARD  
A CONSTRUCTION CONTRACT  
FOR WASTEWATER SYSTEM IMPROVEMENTS**

**WHEREAS**, the City of Roseville wishes to construct improvements to its existing wastewater treatment and collection system; and

**WHEREAS**, the wastewater system improvements project formally adopted on June 23, 2009 will be funded through Michigan's State Revolving Fund (SRF) ; and

**WHEREAS**, the City of Roseville has sought and received construction bids for the proposed improvements described as Contract 3 – Open Cut Repairs & Pipe Bursting and has received a low bid in the amount of \$1,454,102.50 from Ric-Man Detroit, 1001 Woodward Avenue, Suite 1050, Detroit, Michigan 48226 ; and

**WHEREAS**, the project engineer, Anderson, Eckstein and Westrick, Inc.(AEW) , has recommended awarding the contract to the low bidder.

**NOW THEREFORE BE IT RESOLVED**, that the City of Roseville tentatively awards the contract for construction of the proposed wastewater system improvements project described as Contract 3 – Open Cut Repairs & Pipe Bursting to Ric-Man Detroit, 1001 Woodward Avenue, Suite 1050, Detroit, Michigan 48226 , contingent upon successful financial arrangements with the State Revolving Fund (SRF) \_\_\_\_\_.

Yeas:

Nays:

Abstain:

Absent:

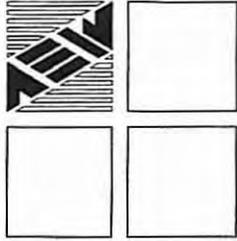
I certify that the above Resolution was adopted by the City Council on July 24, 2012 .

BY:

\_\_\_\_\_  
Name and Title *(please print or type)*

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Date



## ANDERSON, ECKSTEIN AND WESTRICK, INC.

51301 Schoenherr Road, Shelby Township, Michigan 48315

Civil Engineers • Surveyors • Architects 586-726-1234

July 18, 2012

Scott Adkins, City Manager  
City of Roseville  
29777 Gratiot Avenue  
Roseville, Michigan 48066

Reference: 2012 State Revolving Fund (SRF) Program No. 5373-01  
Contract 1, Full Length CIPP Lining Sanitary Sewer Repair  
AEW Project No. 0100-0396

Dear Mr. Adkins:

Enclosed please find the tabulations of the bids received on July 12, 2012 for the above referenced project. Eight (8) proposals were submitted for this project. Our office has checked the tabulation of the bids submitted. The following is a summary of the tabulations:

	<b>Bidder</b>	<b>Total Bid (Base Plus Alternates)</b>
1.	Inland Waters Pollution Control	\$721,977.60
2.	Insituform Technologies, Inc.	\$734,368.10
3.	Utilities Services Authority	\$797,455.00
4.	Lanzo Lining Services, Inc.	\$816,060.00
5.	LiquiForce Services, Inc.	\$871,025.00
6.	Ric-Man Construction, Inc.	\$877,530.00
7.	Layne Inliner, LLC	\$912,175.00
8.	SAK Construction, LLC	\$1,028,808.00

We have worked with Inland Waters Pollution Control on similar projects in Center Line, St. Clair Shores, and Shelby Township. They have also completed projects in Detroit, Ann Arbor, and many cities throughout the midwest and we find them qualified to perform the work being considered.



Scott Adkins, City Manager  
July 18, 2012  
Page 2

Based upon the bids submitted, availability of funds, and our past experience with the low bidder, we recommend that the City tentatively award the contract for **SRF Full Length CIPP Lining Project** to Inland Waters Pollution Control, 4086 Michigan Avenue, Detroit, Michigan 48210, in the amount of \$721,977.60, contingent upon successful financial arrangements with the State Revolving Fund (SRF).

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

Sincerely,

Frank D. Varicalli

Encl: Bid Tabulation  
Draft Resolution from SRF Guidance

cc: Paul VanDamme, Purchasing  
Tom Aiuto, Water and Sewer Director  
Steve Wietecha, Engineering  
Scott Lockwood, PE, AEW

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

Project:  
**2012 SRF SANITARY SEWER  
 REHABILITATION PROGRAM  
 PROJECT NUMBER 5373-01  
 CONTRACT 1 - FULL LENGTH CIPP LINING**

BID TABULATION

AEW PROJECT NO. 0100-0396

Owner: CITY OF ROSEVILLE  
 Bid Date: 7/12/2012

\*Corrected by Engineer

Inland Waters Pollution Control,  
 Inc.

Insituform Technologies Inc.

4086 Michigan Ave.  
 Detroit, MI 48210  
 313-899-3014

17988 Edison Ave.  
 Chesterfield, MO 63005  
 636-530-8000

<u>Item</u> <u>No.</u>	<u>Description</u>	<u>Size</u> <u>(Inches)</u>	<u>Estimated</u> <u>Quantity</u>	<u>Unit</u>	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
<b>BASE BID</b>								
1.	Commonwealth between Common and Eastland A. M14-13-21-2 to M14-13-21-1	12	380.00	FT	30.00	11,400.00	30.30	11,514.00
2.	John J between Pasadena and Wexford A. BA19-1-21 to BA19-1-20	12	305.00	FT	30.00	9,150.00	30.30	9,241.50
3.	Delaware between Utica and Galloway A. BR19-29-1A to BR19-29-1	12	485.00	FT	30.00	14,550.00	30.30	14,695.50
4.	Quinkert between Common and Eastland A. BA19-1-16-3 to BA19-1-16-2	12	365.00	FT	30.00	10,950.00	30.30	11,059.50
5.	Kelly between Common and Eastland A. BR19-1-12-1 to BR19-1-12-1AA	12	80.00	FT	30.00	2,400.00	30.30	2,424.00
	B. BR19-1-12-1AA to BR19-1-12	12	270.00	FT	30.00	8,100.00	30.30	8,181.00
6.	Gratiot between Common and Bigelow A. BA28-5 to BA28-4A	15	245.00	FT	37.00	9,065.00	36.70	8,991.50
7.	Connecticut between Massachusetts and Michigan A. BR19-1-5A to BR19-1-5	15	440.00	FT	37.00	16,280.00	36.70	16,148.00
8.	Congress between Washington and 12 Mile A. BA19-4-3 to BA19-4-2	12	375.00	FT	30.00	11,250.00	30.30	11,362.50
9.	Asmus between Victor and Martin A. BR19-6-3 to BR19-6-2	12	225.00	FT	30.00	6,750.00	30.30	6,817.50
10.	Brinker between Martin and Meier A. BR10-9-8 to BR10-9-7	15	340.00	FT	37.00	12,580.00	36.70	12,478.00
11.	Bohnhoff between Martin and Meier A. BR10-9-3-2 to BR10-9-3-1	12	440.00	FT	30.00	13,200.00	30.30	13,332.00
12.	Ridgewood between Hazelwood and I-696 A. BR10-13-1 to BR10-13	12	450.00	FT	30.00	13,500.00	30.30	13,635.00
13.	Collingwood between Hazelwood and I-696 A. M14-2-6-3 to M14-2-6-2	12	200.00	FT	30.00	6,000.00	30.30	6,060.00
14.	Garfield between Martin and Meier A. BA12-1-3 to BA12-1-2	12	35.00	FT	30.00	1,050.00	30.30	1,060.50
15.	Martin Easement between Garfield and I-94 A. BA12-1-3 to BA12-1-4	12	115.00	FT	30.00	3,450.00	30.30	3,484.50
16.	O'Niel between Meier and Hazelwood A. BR10-6-1 to BR10-6	12	350.00	FT	30.00	10,500.00	30.30	10,605.00
17.	12 Mile between Bohn and Edward A. M14-13-9-23 to M14-13-9-24	12	150.00	FT	30.00	4,500.00	30.30	4,545.00
18.	Edward between 12 Mile and Northview A. M14-13-9-5-5 to M14-13-9-5-4	12	340.00	FT	30.00	10,200.00	30.30	10,302.00
	B. M14-13-9-5-1 to M14-13-9-5	18	300.00	FT	50.00	15,000.00	51.80	15,540.00

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

Project:  
**2012 SRF SANITARY SEWER  
 REHABILITATION PROGRAM  
 PROJECT NUMBER 5373-01  
 CONTRACT 1 - FULL LENGTH CIPP LINING**

BID TABULATION

AEW PROJECT NO. 0100-0396

Owner: CITY OF ROSEVILLE  
 Bid Date: 7/12/2012

\*\*\*\*\* \* \*\*\*\*\*

\*Corrected by Engineer

Inland Waters Pollution Control,  
 Inc. Insituform Technologies Inc.  
  
 4086 Michigan Ave. 17988 Edison Ave.  
 Detroit, MI 48210 Chesterfield, MO 63005  
 313-899-3014 636-530-8000

<u>Item</u> <u>No.</u>	<u>Description</u>	<u>Size</u> <u>(Inches)</u>	<u>Estimated</u> <u>Quantity</u>	<u>Unit</u>	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
19.	Bohn between Northview and Martin A. M14-13-9-8-0-5 to M14-13-9-6-0-1	12	305.00	FT	30.00	9,150.00	30.30	9,241.50
20.	Hillview between Northview and Martin A. M14-13-7-2-2 to M14-13-7-2-1	15	445.00	FT	37.00	16,465.00	36.70	16,331.50
21.	Victor between Tranquil and Gratiot A. BR19-18-2 to BR19-18-1	15	560.00	FT	37.00	20,720.00	36.70	20,552.00
22.	Gratiot between Melvin and Victor A. BR19-13 to BR19-13A	10	305.00	FT	27.50	8,387.50	29.10	8,875.50
23.	Ivanhoe between Maple and Pinehurst A. M14-13-5A to M14-13-5	12	455.00	FT	30.00	13,650.00	30.30	13,786.50
24.	Tennyson between Pinehurst and Gratiot A. M14-13-4-4 to M14-13-4-3	12	255.00	FT	30.00	7,650.00	30.30	7,726.50
25.	Mesle between Gratiot and Brinker A. BR10-9-6-1 to BR10-9-6	12	430.00	FT	30.00	12,900.00	30.30	13,029.00
26.	Brohle between Gratiot and Brinker A. BR10-18-2 to BR10-18-1	15	395.00	FT	37.00	14,615.00	36.70	14,496.50
27.	Hazelwood between Gratiot and Brinker A. BR10-19-3 to BR10-19-2	12	440.00	FT	30.00	13,200.00	30.30	13,332.00
28.	Fountain between 12 Mile and Martin A. M14-13-9-17 to M14-13-9-16	12	120.00	FT	30.00	3,600.00	30.30	3,636.00
29.	Woodmont between I-696 and Frazho A. M14-23-1-2A to M14-23-1-1 B. M14-23-1-3 to M14-23-1-2 C. M14-23-1-4 to M14-23-1-3 D. M14-23-1-5 to M14-23-1-4	15 12 12 12	290.00 365.00 290.00 355.00	FT FT FT FT	37.00 30.00 30.00 30.00	10,730.00 10,950.00 8,700.00 10,650.00	36.70 30.30 30.30 30.30	10,643.00 11,059.50 8,787.00 10,756.50
30.	Janet Ct North of Frazho A. M42-4A to M42-4 B. M42-4 to M42-3 C. M42-3 to M42-2A D. M42-2A to M42-2 E. M42-2 to M42-1	12 15 15 15 15	120.00 165.00 115.00 300.00 290.00	FT FT FT FT FT	30.00 37.00 37.00 37.00 37.00	3,600.00 6,105.00 4,255.00 11,100.00 10,730.00	30.30 36.70 36.70 36.70 36.70	3,636.00 6,055.50 4,220.50 11,010.00 10,643.00
31.	Frazho between Leach and Lehner Ct A. M54A to M55 B. M53A to M54A	12 12	265.00 145.00	FT FT	30.00 30.00	7,950.00 4,350.00	30.30 30.30	8,029.50 4,393.50
32.	Send between Curtis and 10 Mile A. M57-1-5-3 to M57-1-5-2A	15	180.00	FT	37.00	6,660.00	36.70	6,606.00
33.	Rose between Dort and Curtis A. M46-4 to M46-3	15	320.00	FT	37.00	11,840.00	36.70	11,744.00
34.	Gratiot Easement between Frazho and Mayfield A. M31-1-2 to M31-1-1	15	355.00	FT	37.00	13,135.00	36.70	13,028.50
35.	Fernwood between Marquette and Frazho A. M22-2-1 to M22-2	15	360.00	FT	37.00	13,320.00	36.70	13,212.00
36.	Marlene between Marquette and Frazho A. M22-3-1 to M22-3	15	215.00	FT	37.00	7,955.00	36.70	7,890.50

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

Project:  
**2012 SRF SANITARY SEWER  
 REHABILITATION PROGRAM  
 PROJECT NUMBER 5373-01  
 CONTRACT 1 - FULL LENGTH CIPP LINING**

BID TABULATION

AEW PROJECT NO. 0100-0396

Owner: CITY OF ROSEVILLE  
 Bid Date: 7/12/2012

\*\*\*\*\*

\*Corrected by Engineer

Inland Waters Pollution Control,  
 Inc.

Insituform Technologies Inc.

4086 Michigan Ave.  
 Detroit, MI 48210  
 313-899-3014

17988 Edison Ave.  
 Chesterfield, MO 63005  
 636-530-8000

Item No.	Description	Size (Inches)	Estimated Quantity	Unit	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
37.	Hoffmeyer between Marquette and Frazho							
A.	M22-8 to M22-7	12	255.00	FT	30.00	7,650.00	30.30	7,726.50
38.	Buckhannon between Linwood and Hoffmeyer							
A.	M22-5 to M22-4	12	250.00	FT	30.00	7,500.00	30.30	7,575.00
39.	Lawn between Church and Oakdale							
A.	M26-5 to M26-4	24	600.00	FT	75.00	45,000.00	73.90	44,340.00
40.	Ronald between Church and 10 Mile							
A.	M16-9 to M16-8	12	300.00	FT	30.00	9,000.00	30.30	9,090.00
41.	Huron between Church and 10 Mile							
A.	M15-9 to M15-8	15	350.00	FT	37.00	12,950.00	36.70	12,845.00
42.	Normandy between I-696 and Marquette							
A.	M6-6 to M6-7	12	290.00	FT	30.00	8,700.00	30.30	8,787.00
43.	Waldorf between I-696 and Marquette							
A.	M4-6 to M4-4	12	310.00	FT	30.00	9,300.00	30.30	9,393.00
44.	Barnes between Marquette and Frazho							
A.	M2-3A to M2-3	12	265.00	FT	30.00	7,950.00	30.30	8,029.50
45.	Chippendale Easement between Church and 10 Mile							
A.	M9-5-6 to M9-5-5	12	280.00	FT	30.00	8,400.00	30.30	8,484.00
46.	Lateral Reinstatements, FCIPP		420.00	EA	62.10	26,082.00	65.30	27,426.00
47.	Lateral Preparation, FCIPP		185.00	EA	50.00	9,250.00	53.10	9,823.50
48.	Mineral Deposit Removal, FCIPP		100.00	EA	50.00	5,000.00	53.10	5,310.00
49.	Open Cut Point Repair (if required), FCIPP		1.00	EA	8,000.00	8,000.00	8,000.00	8,000.00
50.	Digital Copy (External Hard Drive)		1.00	LS	1,500.00	1,500.00	531.20	531.20
51.	Digital Copy (DVD) of All Video		1.00	LS	1,500.00	1,500.00	531.20	531.20
52.	Traffic Control, Major Street		1.00	LS	4,375.10	4,375.10	15,934.90	15,934.90
53.	Traffic Control, Minor Street		1.00	LS	1,000.00	1,000.00	2,655.80	2,655.80
<b>Sub-Total of Base Bid Prices</b>						<b>625,399.60</b>		<b>640,681.60</b>

**ALTERNATE BID**

A1.	Eastland between Ruthdale and Kelly							
A.	BR19-1-13 to BR19-1-12	24	325.00	FT	75.00	24,375.00	73.90	24,017.50
B.	Additional Lateral Reinstatements,		5.00	EA	62.10	310.50	65.30	326.50
A2.	Hillview between Northview and Martin							
A.	M14-13-7-2-1 to M14-13-7-2	18	430.00	FT	50.00	21,500.00	51.80	22,274.00
B.	Additional Lateral Reinstatements,		10.00	EA	62.10	621.00	65.30	653.00
A3.	Academy between Chestnut and I-696							
A.	M14-21-1 to M14-21	21	545.00	FT	66.00	35,970.00	61.40	33,463.00
B.	Additional Lateral Reinstatements,		10.00	EA	62.10	621.00	65.30	653.00
A4.	Gratiot at Curtis							
A.	M29-5A to M29-4	21	195.00	FT	66.00	12,870.00	61.40	11,973.00
B.	Additional Lateral Reinstatements,		5.00	EA	62.10	310.50	65.30	326.50
<b>Sub-Total of Alternate Bid Prices</b>						<b>96,578.00</b>		<b>93,686.50</b>

**Total of All Bid Prices**

**721,977.60**

**734,368.10**

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

Project:  
**2012 SRF SANITA  
 REHABILITATION  
 PROJECT NUMBER  
 CONTRACT 1 - FL**

BID TABULATION

AEW PROJECT NO. 0100-0396

Owner: CITY OF F  
 Bid Date: 7/12/2012

\*Corrected by Engineer

Utility Services Authority

Lanzo Lining Services Inc.

6001 Schoone P.O.Box 910  
 Belleville, MI 48112  
 734-481-0872

28137 Groesbeck Hwy  
 Roseville, MI 48066  
 586-775-7566

<u>Item</u> <u>No.</u>	<u>Description</u>	<u>Size</u> <u>(Inches)</u>	<u>Estimated</u> <u>Quantity</u>	<u>Unit</u>	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
<b>BASE BID</b>								
1.	Commonwealth between Common and Eastland							
	A. M14-13-21-2 to M14-13-21-1	12	380.00	FT	31.00	11,780.00	32.00	12,160.00
2.	John J between Pasadena and Wexford							
	A. BA19-1-21 to BA19-1-20	12	305.00	FT	31.00	9,455.00	32.00	9,760.00
3.	Delaware between Utica and Galloway							
	A. BR19-29-1A to BR19-29-1	12	485.00	FT	31.00	15,035.00	32.00	15,520.00
4.	Quinkert between Common and Eastland							
	A. BA19-1-16-3 to BA19-1-16-2	12	365.00	FT	32.00	11,680.00	32.00	11,680.00
5.	Kelly between Common and Eastland							
	A. BR19-1-12-1 to BR19-1-12-1AA	12	80.00	FT	31.00	2,480.00	32.00	2,560.00
	B. BR19-1-12-1AA to BR19-1-12	12	270.00	FT	31.00	8,370.00	32.00	8,640.00
6.	Gratiot between Common and Bigelow							
	A. BA28-5 to BA28-4A	15	245.00	FT	43.00	10,535.00	50.00	12,250.00
7.	Connecticut between Massachusetts and Michigan							
	A. BR19-1-5A to BR19-1-5	15	440.00	FT	40.00	17,600.00	50.00	22,000.00
8.	Congress between Washington and 12 Mile							
	A. BA19-4-3 to BA19-4-2	12	375.00	FT	32.00	12,000.00	32.00	12,000.00
9.	Asmus between Victor and Martin							
	A. BR19-6-3 to BR19-6-2	12	225.00	FT	36.00	8,100.00	32.00	7,200.00
10.	Brinker between Martin and Meier							
	A. BR10-9-8 to BR10-9-7	15	340.00	FT	36.00	12,240.00	50.00	17,000.00
11.	Bohnhoff between Martin and Meier							
	A. BR10-9-3-2 to BR10-9-3-1	12	440.00	FT	31.00	13,640.00	32.00	14,080.00
12.	Ridgewood between Hazelwood and I-696							
	A. BR10-13-1 to BR10-13	12	450.00	FT	31.00	13,950.00	32.00	14,400.00
13.	Collingwood between Hazelwood and I-696							
	A. M14-2-6-3 to M14-2-6-2	12	200.00	FT	40.00	8,000.00	32.00	6,400.00
14.	Garfield between Martin and Meier							
	A. BA12-1-3 to BA12-1-2	12	35.00	FT	75.00	2,625.00	32.00	1,120.00
15.	Martin Easement between Garfield and I-94							
	A. BA12-1-3 to BA12-1-4	12	115.00	FT	75.00	8,625.00	32.00	3,680.00
16.	O'Niel between Meier and Hazelwood							
	A. BR10-6-1 to BR10-6	12	350.00	FT	32.00	11,200.00	32.00	11,200.00
17.	12 Mile between Bohn and Edward							
	A. M14-13-9-23 to M14-13-9-24	12	150.00	FT	47.00	7,050.00	32.00	4,800.00
18.	Edward between 12 Mile and Northview							
	A. M14-13-9-5-5 to M14-13-9-5-4	12	340.00	FT	31.00	10,540.00	32.00	10,880.00
	B. M14-13-9-5-1 to M14-13-9-5	18	300.00	FT	53.00	15,900.00	58.00	17,400.00

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

Project:  
**2012 SRF SANITA  
REHABILITATION  
PROJECT NUMBER  
CONTRACT 1 - FL**

BID TABULATION

AEW PROJECT NO. 0100-0396

Owner: CITY OF F  
Bid Date: 7/12/2012

\*\*\*\*\*

\*Corrected by Engineer

Utility Services Authority

Lanzo Lining Services Inc.

6001 Schoone P.O.Box 910  
Belleville, MI 48112  
734-481-0872

28137 Groesbeck Hwy  
Roseville, MI 48066  
586-775-7566

<u>Item</u> <u>No.</u>	<u>Description</u>	<u>Size</u> <u>(Inches)</u>	<u>Estimated</u> <u>Quantity</u>	<u>Unit</u>	<u>UNIT PRICE</u>	<u>AMOUNT</u>	<u>UNIT PRICE</u>	<u>AMOUNT</u>
19.	Bohn between Northview and Martin							
	A. M14-13-9-8-0-5 to M14-13-9-6-0-1	12	305.00	FT	47.00	14,335.00	32.00	9,760.00
20.	Hillview between Northview and Martin							
	A. M14-13-7-2-2 to M14-13-7-2-1	15	445.00	FT	34.00	15,130.00	50.00	22,250.00
21.	Victor between Tranquil and Gratiot							
	A. BR19-18-2 to BR19-18-1	15	560.00	FT	36.00	20,160.00	50.00	28,000.00
22.	Gratiot between Melvin and Victor							
	A. BR19-13 to BR19-13A	10	305.00	FT	50.00	15,250.00	30.00	9,150.00
23.	Ivanhoe between Maple and Pinehurst							
	A. M14-13-5A to M14-13-5	12	455.00	FT	32.00	14,560.00	32.00	14,560.00
24.	Tennyson between Pinehurst and Gratiot							
	A. M14-13-4-4 to M14-13-4-3	12	255.00	FT	41.00	10,455.00	32.00	8,160.00
25.	Mesle between Gratiot and Brinker							
	A. BR10-9-6-1 to BR10-9-6	12	430.00	FT	32.00	13,760.00	32.00	13,760.00
26.	Brohle between Gratiot and Brinker							
	A. BR10-18-2 to BR10-18-1	15	395.00	FT	36.00	14,220.00	50.00	19,750.00
27.	Hazelwood between Gratiot and Brinker							
	A. BR10-19-3 to BR10-19-2	12	440.00	FT	31.00	13,640.00	32.00	14,080.00
28.	Fountain between 12 Mile and Martin							
	A. M14-13-9-17 to M14-13-9-16	12	120.00	FT	55.00	6,600.00	32.00	3,840.00
29.	Woodmont between I-696 and Frazho							
	A. M14-23-1-2A to M14-23-1-1	15	290.00	FT	37.00	10,730.00	50.00	14,500.00
	B. M14-23-1-3 to M14-23-1-2	12	365.00	FT	34.00	12,410.00	32.00	11,680.00
	C. M14-23-1-4 to M14-23-1-3	12	290.00	FT	34.00	9,860.00	32.00	9,280.00
	D. M14-23-1-5 to M14-23-1-4	12	355.00	FT	34.00	12,070.00	32.00	11,360.00
30.	Janet Ct North of Frazho							
	A. M42-4A to M42-4	12	120.00	FT	55.00	6,600.00	32.00	3,840.00
	B. M42-4 to M42-3	15	165.00	FT	37.00	6,105.00	50.00	8,250.00
	C. M42-3 to M42-2A	15	115.00	FT	37.00	4,255.00	50.00	5,750.00
	D. M42-2A to M42-2	15	300.00	FT	37.00	11,100.00	50.00	15,000.00
	E. M42-2 to M42-1	15	290.00	FT	37.00	10,730.00	50.00	14,500.00
31.	Frazho between Leach and Lehner Ct							
	A. M54A to M55	12	265.00	FT	35.00	9,275.00	32.00	8,480.00
	B. M53A to M54A	12	145.00	FT	35.00	5,075.00	32.00	4,640.00
32.	Send between Curtis and 10 Mile							
	A. M57-1-5-3 to M57-1-5-2A	15	180.00	FT	55.00	9,900.00	50.00	9,000.00
33.	Rose between Dort and Curtis							
	A. M46-4 to M46-3	15	320.00	FT	42.00	13,440.00	50.00	16,000.00
34.	Gratiot Easement between Frazho and Mayfield							
	A. M31-1-2 to M31-1-1	15	355.00	FT	35.00	12,425.00	50.00	17,750.00
35.	Fernwood between Marquette and Frazho							
	A. M22-2-1 to M22-2	15	360.00	FT	35.00	12,600.00	50.00	18,000.00
36.	Marlene between Marquette and Frazho							
	A. M22-3-1 to M22-3	15	215.00	FT	35.00	7,525.00	50.00	10,750.00

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

Project:  
**2012 SRF SANITA  
 REHABILITATION  
 PROJECT NUMBER  
 CONTRACT 1 - FL**

BID TABULATION

AEW PROJECT NO. 0100-0396

Owner: CITY OF F  
 Bid Date: 7/12/2012

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\*Corrected by Engineer

Utility Services Authority

Lanzo Lining Services Inc.

6001 Schoone P.O.Box 910  
 Belleville, MI 48112  
 734-481-0872

28137 Groesbeck Hwy  
 Roseville, MI 48066  
 586-775-7566

Item No.	Description	Size (Inches)	Estimated Quantity	Unit	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
37.	Hoffmeyer between Marquette and Frazho							
A.	M22-8 to M22-7	12	255.00	FT	45.00	11,475.00	32.00	8,160.00
38.	Buckhannon between Linwood and Hoffmeyer							
A.	M22-5 to M22-4	12	250.00	FT	37.00	9,250.00	32.00	8,000.00
39.	Lawn between Church and Oakdale							
A.	M26-5 to M26-4	24	600.00	FT	70.00	42,000.00	80.00	48,000.00
40.	Ronald between Church and 10 Mile							
A.	M16-9 to M16-8	12	300.00	FT	31.00	9,300.00	32.00	9,600.00
41.	Huron between Church and 10 Mile							
A.	M15-9 to M15-8	15	350.00	FT	34.00	11,900.00	50.00	17,500.00
42.	Normandy between I-696 and Marquette							
A.	M6-6 to M6-7	12	290.00	FT	34.00	9,860.00	32.00	9,280.00
43.	Waldorf between I-696 and Marquette							
A.	M4-6 to M4-4	12	310.00	FT	34.00	10,540.00	32.00	9,920.00
44.	Barnes between Marquette and Frazho							
A.	M2-3A to M2-3	12	265.00	FT	31.00	8,215.00	32.00	8,480.00
45.	Chippendale Easement between Church and 10 Mile							
A.	M9-5-6 to M9-5-5	12	280.00	FT	31.00	8,680.00	32.00	8,960.00
46.	Lateral Reinstatements, FCIPP		420.00	EA	30.00	12,600.00	50.00	21,000.00
47.	Lateral Preparation, FCIPP		185.00	EA	250.00	46,250.00	100.00	18,500.00
48.	Mineral Deposit Removal, FCIPP		100.00	EA	25.00	2,500.00	10.00	1,000.00
49.	Open Cut Point Repair (if required), FCIPP		1.00	EA	8,000.00	8,000.00	8,000.00	8,000.00
50.	Digital Copy (External Hard Drive)		1.00	LS	500.00	500.00	500.00	500.00
51.	Digital Copy (DVD) of All Video		1.00	LS	500.00	500.00	500.00	500.00
52.	Traffic Control, Major Street		1.00	LS	2,500.00	2,500.00	4,000.00	4,000.00
53.	Traffic Control, Minor Street		1.00	LS	1,100.00	1,100.00	1,000.00	1,000.00
<b>Sub-Total of Base Bid Prices</b>						<b>698,185.00</b>		<b>719,220.00</b>

ALTERNATE BID

A1.	Eastland between Ruthdale and Kelly							
A.	BR19-1-13 to BR19-1-12	24	325.00	FT	72.00	23,400.00	80.00	26,000.00
B.	Additional Lateral Reinstatements,		5.00	EA	200.00	1,000.00	50.00	250.00
A2.	Hillview between Northview and Martin							
A.	M14-13-7-2-1 to M14-13-7-2	18	430.00	FT	51.00	21,930.00	58.00	24,940.00
B.	Additional Lateral Reinstatements,		10.00	EA	100.00	1,000.00	50.00	500.00
A3.	Academy between Chestnut and I-696							
A.	M14-21-1 to M14-21	21	545.00	FT	65.00	35,425.00	60.00	32,700.00
B.	Additional Lateral Reinstatements,		10.00	EA	100.00	1,000.00	50.00	500.00
A4.	Gratiot at Curtis							
A.	M29-5A to M29-4	21	195.00	FT	77.00	15,015.00	60.00	11,700.00
B.	Additional Lateral Reinstatements,		5.00	EA	100.00	500.00	50.00	250.00
<b>Sub-Total of Alternate Bid Prices</b>						<b>99,270.00</b>		<b>96,840.00</b>

**Total of All Bid Prices**

**797,455.00**

**816,060.00**

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

Project:  
**2012 SRF SANITA  
 REHABILITATION  
 PROJECT NUMBER  
 CONTRACT 1 - FL**

BID TABULATION

AEW PROJECT NO. 0100-0396

Owner: CITY OF F  
 Bid Date: 7/12/2012

\*Corrected by Engineer

LiquiForce Svcs. (USA) Inc.

Ric-Man Detroit - Advance Liner  
 USA, Joint Venture  
 1001 Woodward Ave  
 Suite 1050  
 Detroit, MI 48226  
 313-833-2242

28529 Goddard Ste 106  
 Romulus, MI 48174  
 734-955-2508

<u>Item</u> <u>No.</u>	<u>Description</u>	<u>Size</u> <u>(Inches)</u>	<u>Estimated</u> <u>Quantity</u>	<u>Unit</u>	<u>UNIT PRICE</u>	<u>AMOUNT</u>	<u>UNIT PRICE</u>	<u>AMOUNT</u>
<b>BASE BID</b>								
1.	Commonwealth between Common and Eastland							
	A. M14-13-21-2 to M14-13-21-1	12	380.00	FT	33.00	12,540.00	30.00	11,400.00
2.	John J between Pasadena and Wexford							
	A. BA19-1-21 to BA19-1-20	12	305.00	FT	33.00	10,065.00	30.00	9,150.00
3.	Delaware between Utica and Galloway							
	A. BR19-29-1A to BR19-29-1	12	485.00	FT	33.00	16,005.00	30.00	14,550.00
4.	Quinkert between Common and Eastland							
	A. BA19-1-16-3 to BA19-1-16-2	12	365.00	FT	33.00	12,045.00	30.00	10,950.00
5.	Kelly between Common and Eastland							
	A. BR19-1-12-1 to BR19-1-12-1AA	12	80.00	FT	33.00	2,640.00	30.00	2,400.00
	B. BR19-1-12-1AA to BR19-1-12	12	270.00	FT	33.00	8,910.00	30.00	8,100.00
6.	Gratiot between Common and Bigelow							
	A. BA28-5 to BA28-4A	15	245.00	FT	40.00	9,800.00	38.00	9,310.00
7.	Connecticut between Massachusetts and Michigan							
	A. BR19-1-5A to BR19-1-5	15	440.00	FT	40.00	17,600.00	38.00	16,720.00
8.	Congress between Washington and 12 Mile							
	A. BA19-4-3 to BA19-4-2	12	375.00	FT	33.00	12,375.00	30.00	11,250.00
9.	Asmus between Victor and Martin							
	A. BR19-6-3 to BR19-6-2	12	225.00	FT	33.00	7,425.00	30.00	6,750.00
10.	Brinker between Martin and Meier							
	A. BR10-9-8 to BR10-9-7	15	340.00	FT	40.00	13,600.00	38.00	12,920.00
11.	Bohnhoff between Martin and Meier							
	A. BR10-9-3-2 to BR10-9-3-1	12	440.00	FT	33.00	14,520.00	30.00	13,200.00
12.	Ridgewood between Hazelwood and I-696							
	A. BR10-13-1 to BR10-13	12	450.00	FT	33.00	14,850.00	30.00	13,500.00
13.	Collingwood between Hazelwood and I-696							
	A. M14-2-6-3 to M14-2-6-2	12	200.00	FT	33.00	6,600.00	30.00	6,000.00
14.	Garfield between Martin and Meier							
	A. BA12-1-3 to BA12-1-2	12	35.00	FT	33.00	1,155.00	100.00	3,500.00
15.	Martin Easement between Garfield and I-94							
	A. BA12-1-3 to BA12-1-4	12	115.00	FT	33.00	3,795.00	30.00	3,450.00
16.	O'Niel between Meier and Hazelwood							
	A. BR10-6-1 to BR10-6	12	350.00	FT	33.00	11,550.00	30.00	10,500.00
17.	12 Mile between Bohn and Edward							
	A. M14-13-9-23 to M14-13-9-24	12	150.00	FT	33.00	4,950.00	30.00	4,500.00
18.	Edward between 12 Mile and Northview							
	A. M14-13-9-5-5 to M14-13-9-5-4	12	340.00	FT	33.00	11,220.00	30.00	10,200.00
	B. M14-13-9-5-1 to M14-13-9-5	18	300.00	FT	60.00	18,000.00	50.00	15,000.00

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

Project:  
**2012 SRF SANITA  
 REHABILITATION  
 PROJECT NUMBER  
 CONTRACT 1 - FL**

BID TABULATION

AEW PROJECT NO. 0100-0396

Owner: CITY OF F  
 Bid Date: 7/12/2012

\*\*\*\*\* \* \*\*\*\*\*

\*Corrected by Engineer

LiquiForce Svcs. (USA) Inc.  
 28529 Goddard Ste 106  
 Romulus, MI 48174  
 734-955-2508  
 Ric-Man Detroit - Advance Liner  
 USA, Joint Venture  
 1001 Woodward Ave  
 Suite 1050  
 Detroit, MI 48226  
 313-833-2242

<u>Item</u> <u>No.</u>	<u>Description</u>	<u>Size</u> <u>(Inches)</u>	<u>Estimated</u> <u>Quantity</u>	<u>Unit</u>	<u>UNIT PRICE</u>	<u>AMOUNT</u>	<u>UNIT PRICE</u>	<u>AMOUNT</u>
19.	Bohn between Northview and Martin							
	A. M14-13-9-8-0-5 to M14-13-9-6-0-1	12	305.00	FT	33.00	10,065.00	30.00	9,150.00
20.	Hillview between Northview and Martin							
	A. M14-13-7-2-2 to M14-13-7-2-1	15	445.00	FT	40.00	17,800.00	38.00	16,910.00
21.	Victor between Tranquil and Gratiot							
	A. BR19-18-2 to BR19-18-1	15	560.00	FT	40.00	22,400.00	38.00	21,280.00
22.	Gratiot between Melvin and Victor							
	A. BR19-13 to BR19-13A	10	305.00	FT	30.00	9,150.00	26.00	7,930.00
23.	Ivanhoe between Maple and Pinehurst							
	A. M14-13-5A to M14-13-5	12	455.00	FT	33.00	15,015.00	30.00	13,650.00
24.	Tennyson between Pinehurst and Gratiot							
	A. M14-13-4-4 to M14-13-4-3	12	255.00	FT	33.00	8,415.00	30.00	7,650.00
25.	Mesle between Gratiot and Brinker							
	A. BR10-9-6-1 to BR10-9-6	12	430.00	FT	33.00	14,190.00	30.00	12,900.00
26.	Brohle between Gratiot and Brinker							
	A. BR10-18-2 to BR10-18-1	15	395.00	FT	40.00	15,800.00	38.00	15,010.00
27.	Hazelwood between Gratiot and Brinker							
	A. BR10-19-3 to BR10-19-2	12	440.00	FT	33.00	14,520.00	30.00	13,200.00
28.	Fountain between 12 Mile and Martin							
	A. M14-13-9-17 to M14-13-9-16	12	120.00	FT	33.00	3,960.00	30.00	3,600.00
29.	Woodmont between I-696 and Frazho							
	A. M14-23-1-2A to M14-23-1-1	15	290.00	FT	40.00	11,600.00	38.00	11,020.00
	B. M14-23-1-3 to M14-23-1-2	12	365.00	FT	33.00	12,045.00	30.00	10,950.00
	C. M14-23-1-4 to M14-23-1-3	12	290.00	FT	33.00	9,570.00	30.00	8,700.00
	D. M14-23-1-5 to M14-23-1-4	12	355.00	FT	33.00	11,715.00	30.00	10,650.00
30.	Janet Ct North of Frazho							
	A. M42-4A to M42-4	12	120.00	FT	33.00	3,960.00	30.00	3,600.00
	B. M42-4 to M42-3	15	165.00	FT	40.00	6,600.00	38.00	6,270.00
	C. M42-3 to M42-2A	15	115.00	FT	40.00	4,600.00	38.00	4,370.00
	D. M42-2A to M42-2	15	300.00	FT	40.00	12,000.00	38.00	11,400.00
	E. M42-2 to M42-1	15	290.00	FT	40.00	11,600.00	38.00	11,020.00
31.	Frazho between Leach and Lehner Ct							
	A. M54A to M55	12	265.00	FT	33.00	8,745.00	30.00	7,950.00
	B. M53A to M54A	12	145.00	FT	33.00	4,785.00	30.00	4,350.00
32.	Send between Curtis and 10 Mile							
	A. M57-1-5-3 to M57-1-5-2A	15	180.00	FT	40.00	7,200.00	38.00	6,840.00
33.	Rose between Dort and Curtis							
	A. M46-4 to M46-3	15	320.00	FT	40.00	12,800.00	38.00	12,160.00
34.	Gratiot Easement between Frazho and Mayfield							
	A. M31-1-2 to M31-1-1	15	355.00	FT	40.00	14,200.00	38.00	13,490.00
35.	Fernwood between Marquette and Frazho							
	A. M22-2-1 to M22-2	15	360.00	FT	40.00	14,400.00	38.00	13,680.00
36.	Marlene between Marquette and Frazho							
	A. M22-3-1 to M22-3	15	215.00	FT	40.00	8,600.00	38.00	8,170.00

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

Project:  
**2012 SRF SANITA  
REHABILITATION  
PROJECT NUMBER  
CONTRACT 1 - FL**

BID TABULATION

AEW PROJECT NO. 0100-0396

Owner: CITY OF F  
Bid Date: 7/12/2012

\*\*\*\*\*

\*Corrected by Engineer

LiquiForce Svcs. (USA) Inc.

Ric-Man Detroit - Advance Liner  
USA, Joint Venture  
1001 Woodward Ave  
Suite 1050  
Detroit, MI 48226  
313-833-2242

28529 Goddard Ste 106  
Romulus, MI 48174  
734-955-2508

Item No.	Description	Size (Inches)	Estimated Quantity	Unit	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
37.	Hoffmeyer between Marquette and Frazho							
A.	M22-8 to M22-7	12	255.00	FT	33.00	8,415.00	30.00	7,650.00
38.	Buckhannon between Linwood and Hoffmeyer							
A.	M22-5 to M22-4	12	250.00	FT	33.00	8,250.00	30.00	7,500.00
39.	Lawn between Church and Oakdale							
A.	M26-5 to M26-4	24	600.00	FT	85.00	51,000.00	75.00	45,000.00
40.	Ronald between Church and 10 Mile							
A.	M16-9 to M16-8	12	300.00	FT	33.00	9,900.00	30.00	9,000.00
41.	Huron between Church and 10 Mile							
A.	M15-9 to M15-8	15	350.00	FT	40.00	14,000.00	38.00	13,300.00
42.	Normandy between I-696 and Marquette							
A.	M6-6 to M6-7	12	290.00	FT	33.00	9,570.00	30.00	8,700.00
43.	Waldorf between I-696 and Marquette							
A.	M4-6 to M4-4	12	310.00	FT	33.00	10,230.00	30.00	9,300.00
44.	Barnes between Marquette and Frazho							
A.	M2-3A to M2-3	12	265.00	FT	33.00	8,745.00	30.00	7,950.00
45.	Chippendale Easement between Church and 10 Mile							
A.	M9-5-6 to M9-5-5	12	280.00	FT	33.00	9,240.00	30.00	8,400.00
46.	Lateral Reinstatements, FCIPP		420.00	EA	250.00	105,000.00	165.00	69,300.00
47.	Lateral Preparation, FCIPP		185.00	EA	50.00	9,250.00	35.00	6,475.00
48.	Mineral Deposit Removal, FCIPP		100.00	EA	10.00	1,000.00	35.00	3,500.00
49.	Open Cut Point Repair (if required), FCIPP		1.00	EA	8,000.00	8,000.00	8,000.00	8,000.00
50.	Digital Copy (External Hard Drive)		1.00	LS	1,000.00	1,000.00	1,500.00	1,500.00
51.	Digital Copy (DVD) of All Video		1.00	LS	1,000.00	1,000.00	1,000.00	1,000.00
52.	Traffic Control, Major Street		1.00	LS	5,000.00	5,000.00	65,000.00	65,000.00
53.	Traffic Control, Minor Street		1.00	LS	2,500.00	2,500.00	50,000.00	50,000.00
<b>Sub-Total of Base Bid Prices</b>						<b>757,480.00</b>		<b>780,825.00</b>

\*

**ALTERNATE BID**

A1.	Eastland between Ruthdale and Kelly							
A.	BR19-1-13 to BR19-1-12	24	325.00	FT	88.00	28,600.00	75.00	24,375.00
B.	Additional Lateral Reinstatements,		5.00	EA	350.00	1,750.00	165.00	825.00
A2.	Hillview between Northview and Martin							
A.	M14-13-7-2-1 to M14-13-7-2	18	430.00	FT	60.00	25,800.00	50.00	21,500.00
B.	Additional Lateral Reinstatements,		10.00	EA	350.00	3,500.00	165.00	1,650.00
A3.	Academy between Chestnut and I-696							
A.	M14-21-1 to M14-21	21	545.00	FT	66.00	35,970.00	62.00	33,790.00
B.	Additional Lateral Reinstatements,		10.00	EA	350.00	3,500.00	165.00	1,650.00
A4.	Gratiot at Curtis							
A.	M29-5A to M29-4	21	195.00	FT	65.00	12,675.00	62.00	12,090.00
B.	Additional Lateral Reinstatements,		5.00	EA	350.00	1,750.00	165.00	825.00
<b>Sub-Total of Alternate Bid Prices</b>						<b>113,545.00</b>		<b>96,705.00</b>

**Total of All Bid Prices**

**871,025.00**

**877,530.00**

\*

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

Project:  
**2012 SRF SANITA  
REHABILITATION  
PROJECT NUMBER  
CONTRACT 1 - FL**

BID TABULATION

AEW PROJECT NO. 0100-0396

Owner: CITY OF F  
Bid Date: 7/12/2012

\*Corrected by Engineer

Layne Inliner, LLC

SAK Construction LLC

4143 Weaver Court  
Hilliard, OH 43026  
614-529-6440

864 Hoff Road  
O'Fallon, MO 63366  
636-385-1000

<u>Item</u> <u>No.</u>	<u>Description</u>	<u>Size</u> <u>(Inches)</u>	<u>Estimated</u> <u>Quantity</u>	<u>Unit</u>	<u>UNIT PRICE</u>	<u>AMOUNT</u>	<u>UNIT PRICE</u>	<u>AMOUNT</u>
<b>BASE BID</b>								
1.	Commonwealth between Common and Eastland							
	A. M14-13-21-2 to M14-13-21-1	12	380.00	FT	36.00	13,680.00	48.00	18,240.00
2.	John J between Pasadena and Wexford							
	A. BA19-1-21 to BA19-1-20	12	305.00	FT	36.00	10,980.00	48.00	14,640.00
3.	Delaware between Utica and Galloway							
	A. BR19-29-1A to BR19-29-1	12	485.00	FT	36.00	17,460.00	48.00	23,280.00
4.	Quinkert between Common and Eastland							
	A. BA19-1-16-3 to BA19-1-16-2	12	365.00	FT	36.00	13,140.00	48.00	17,520.00
5.	Kelly between Common and Eastland							
	A. BR19-1-12-1 to BR19-1-12-1AA	12	80.00	FT	36.00	2,880.00	48.00	3,840.00
	B. BR19-1-12-1AA to BR19-1-12	12	270.00	FT	36.00	9,720.00	48.00	12,960.00
6.	Gratiot between Common and Bigelow							
	A. BA28-5 to BA28-4A	15	245.00	FT	45.00	11,025.00	51.65	12,654.25
7.	Connecticut between Massachusetts and Michigan							
	A. BR19-1-5A to BR19-1-5	15	440.00	FT	45.00	19,800.00	51.65	22,726.00
8.	Congress between Washington and 12 Mile							
	A. BA19-4-3 to BA19-4-2	12	375.00	FT	36.00	13,500.00	48.00	18,000.00
9.	Asmus between Victor and Martin							
	A. BR19-6-3 to BR19-6-2	12	225.00	FT	36.00	8,100.00	48.00	10,800.00
10.	Brinker between Martin and Meier							
	A. BR10-9-8 to BR10-9-7	15	340.00	FT	45.00	15,300.00	51.65	17,561.00
11.	Bohnhoff between Martin and Meier							
	A. BR10-9-3-2 to BR10-9-3-1	12	440.00	FT	36.00	15,840.00	48.00	21,120.00
12.	Ridgewood between Hazelwood and I-696							
	A. BR10-13-1 to BR10-13	12	450.00	FT	36.00	16,200.00	48.00	21,600.00
13.	Collingwood between Hazelwood and I-696							
	A. M14-2-6-3 to M14-2-6-2	12	200.00	FT	36.00	7,200.00	48.00	9,600.00
14.	Garfield between Martin and Meier							
	A. BA12-1-3 to BA12-1-2	12	35.00	FT	36.00	1,260.00	48.00	1,680.00
15.	Martin Easement between Garfield and I-94							
	A. BA12-1-3 to BA12-1-4	12	115.00	FT	36.00	4,140.00	48.00	5,520.00
16.	O'Niel between Meier and Hazelwood							
	A. BR10-6-1 to BR10-6	12	350.00	FT	36.00	12,600.00	48.00	16,800.00
17.	12 Mile between Bohn and Edward							
	A. M14-13-9-23 to M14-13-9-24	12	150.00	FT	36.00	5,400.00	48.00	7,200.00
18.	Edward between 12 Mile and Northview							
	A. M14-13-9-5-5 to M14-13-9-5-4	12	340.00	FT	36.00	12,240.00	48.00	16,320.00
	B. M14-13-9-5-1 to M14-13-9-5	18	300.00	FT	60.00	18,000.00	75.75	22,725.00

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

Project:  
**2012 SRF SANITA  
 REHABILITATION  
 PROJECT NUMBER  
 CONTRACT 1 - FL**

BID TABULATION

AEW PROJECT NO. 0100-0396

Owner: CITY OF F  
 Bid Date: 7/12/2012

\*\*\*\*\*

\*Corrected by Engineer

Layne Inliner, LLC

SAK Construction LLC

4143 Weaver Court  
 Hilliard, OH 43026  
 614-529-6440

864 Hoff Road  
 O'Fallon, MO 63366  
 636-385-1000

<u>Item No.</u>	<u>Description</u>	<u>Size (Inches)</u>	<u>Estimated Quantity</u>	<u>Unit</u>	<u>UNIT PRICE</u>	<u>AMOUNT</u>	<u>UNIT PRICE</u>	<u>AMOUNT</u>
19.	Bohn between Northview and Martin							
	A. M14-13-9-8-0-5 to M14-13-9-6-0-1	12	305.00	FT	36.00	10,980.00	48.00	14,640.00
20.	Hillview between Northview and Martin							
	A. M14-13-7-2-2 to M14-13-7-2-1	15	445.00	FT	45.00	20,025.00	51.65	22,984.25
21.	Victor between Tranquil and Gratiot							
	A. BR19-18-2 to BR19-18-1	15	560.00	FT	45.00	25,200.00	51.65	28,924.00
22.	Gratiot between Melvin and Victor							
	A. BR19-13 to BR19-13A	10	305.00	FT	32.00	9,760.00	44.65	13,618.25
23.	Ivanhoe between Maple and Pinehurst							
	A. M14-13-5A to M14-13-5	12	455.00	FT	36.00	16,380.00	48.00	21,840.00
24.	Tennyson between Pinehurst and Gratiot							
	A. M14-13-4-4 to M14-13-4-3	12	255.00	FT	36.00	9,180.00	48.00	12,240.00
25.	Mesle between Gratiot and Brinker							
	A. BR10-9-6-1 to BR10-9-6	12	430.00	FT	36.00	15,480.00	48.00	20,640.00
26.	Brohle between Gratiot and Brinker							
	A. BR10-18-2 to BR10-18-1	15	395.00	FT	45.00	17,775.00	51.65	20,401.75
27.	Hazelwood between Gratiot and Brinker							
	A. BR10-19-3 to BR10-19-2	12	440.00	FT	36.00	15,840.00	48.00	21,120.00
28.	Fountain between 12 Mile and Martin							
	A. M14-13-9-17 to M14-13-9-16	12	120.00	FT	36.00	4,320.00	48.00	5,760.00
29.	Woodmont between I-696 and Frazho							
	A. M14-23-1-2A to M14-23-1-1	15	290.00	FT	45.00	13,050.00	51.65	14,978.50
	B. M14-23-1-3 to M14-23-1-2	12	365.00	FT	36.00	13,140.00	48.00	17,520.00
	C. M14-23-1-4 to M14-23-1-3	12	290.00	FT	36.00	10,440.00	48.00	13,920.00
	D. M14-23-1-5 to M14-23-1-4	12	355.00	FT	36.00	12,780.00	48.00	17,040.00
30.	Janet Ct North of Frazho							
	A. M42-4A to M42-4	12	120.00	FT	36.00	4,320.00	48.00	5,760.00
	B. M42-4 to M42-3	15	165.00	FT	45.00	7,425.00	51.65	8,522.25
	C. M42-3 to M42-2A	15	115.00	FT	45.00	5,175.00	51.65	5,939.75
	D. M42-2A to M42-2	15	300.00	FT	45.00	13,500.00	51.65	15,495.00
	E. M42-2 to M42-1	15	290.00	FT	45.00	13,050.00	51.65	14,978.50
31.	Frazho between Leach and Lehner Ct							
	A. M54A to M55	12	265.00	FT	36.00	9,540.00	48.00	12,720.00
	B. M53A to M54A	12	145.00	FT	36.00	5,220.00	48.00	6,960.00
32.	Send between Curtis and 10 Mile							
	A. M57-1-5-3 to M57-1-5-2A	15	180.00	FT	45.00	8,100.00	51.65	9,297.00
33.	Rose between Dort and Curtis							
	A. M46-4 to M46-3	15	320.00	FT	45.00	14,400.00	51.65	16,528.00
34.	Gratiot Easement between Frazho and Mayfield							
	A. M31-1-2 to M31-1-1	15	355.00	FT	45.00	15,975.00	51.65	18,335.75
35.	Fernwood between Marquette and Frazho							
	A. M22-2-1 to M22-2	15	360.00	FT	45.00	16,200.00	51.65	18,594.00
36.	Marlene between Marquette and Frazho							
	A. M22-3-1 to M22-3	15	215.00	FT	45.00	9,675.00	51.65	11,104.75

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

Project:  
**2012 SRF SANITA  
REHABILITATION  
PROJECT NUMBER  
CONTRACT 1 - FL**

BID TABULATION

AEW PROJECT NO. 0100-0396

Owner: CITY OF F  
Bid Date: 7/12/2012

\*Corrected by Engineer

Layne Inliner, LLC

SAK Construction LLC

4143 Weaver Court  
Hilliard, OH 43026  
614-529-6440

864 Hoff Road  
O'Fallon, MO 63366  
636-385-1000

Item No.	Description	Size (Inches)	Estimated Quantity	Unit	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
37.	Hoffmeyer between Marquette and Frazho							
A.	M22-8 to M22-7	12	255.00	FT	36.00	9,180.00	48.00	12,240.00
38.	Buckhannon between Linwood and Hoffmeyer							
A.	M22-5 to M22-4	12	250.00	FT	36.00	9,000.00	48.00	12,000.00
39.	Lawn between Church and Oakdale							
A.	M26-5 to M26-4	24	600.00	FT	88.00	52,800.00	83.90	50,340.00
40.	Ronald between Church and 10 Mile							
A.	M16-9 to M16-8	12	300.00	FT	36.00	10,800.00	48.00	14,400.00
41.	Huron between Church and 10 Mile							
A.	M15-9 to M15-8	15	350.00	FT	45.00	15,750.00	51.65	18,077.50
42.	Normandy between I-696 and Marquette							
A.	M6-6 to M6-7	12	290.00	FT	36.00	10,440.00	48.00	13,920.00
43.	Waldorf between I-696 and Marquette							
A.	M4-6 to M4-4	12	310.00	FT	36.00	11,160.00	48.00	14,880.00
44.	Barnes between Marquette and Frazho							
A.	M2-3A to M2-3	12	265.00	FT	36.00	9,540.00	48.00	12,720.00
45.	Chippendale Easement between Church and 10 Mile							
A.	M9-5-6 to M9-5-5	12	280.00	FT	36.00	10,080.00	48.00	13,440.00
46.	Lateral Reinstatements, FCIPP		420.00	EA	152.00	63,840.00	25.00	10,500.00
47.	Lateral Preparation, FCIPP		185.00	EA	50.00	9,250.00	70.00	12,950.00
48.	Mineral Deposit Removal, FCIPP		100.00	EA	150.00	15,000.00	70.00	7,000.00
49.	Open Cut Point Repair (if required), FCIPP		1.00	EA	8,000.00	8,000.00	8,000.00	8,000.00
50.	Digital Copy (External Hard Drive)		1.00	LS	2,500.00	2,500.00	750.00	750.00
51.	Digital Copy (DVD) of All Video		1.00	LS	1,800.00	1,800.00	750.00	750.00
52.	Traffic Control, Major Street		1.00	LS	5,500.00	5,500.00	4,500.00	4,500.00
53.	Traffic Control, Minor Street		1.00	LS	2,500.00	2,500.00	2,000.00	2,000.00
<b>Sub-Total of Base Bid Prices</b>						<b>792,535.00</b>		<b>893,115.50</b>

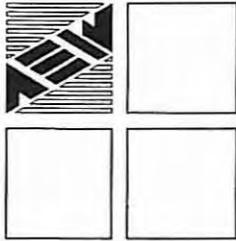
**ALTERNATE BID**

A1.	Eastland between Ruthdale and Kelly							
A.	BR19-1-13 to BR19-1-12	24	325.00	FT	88.00	28,600.00	100.00	32,500.00
B.	Additional Lateral Reinstatements,		5.00	EA	152.00	760.00	25.00	125.00
A2.	Hillview between Northview and Martin							
A.	M14-13-7-2-1 to M14-13-7-2	18	430.00	FT	60.00	25,800.00	74.75	32,142.50
B.	Additional Lateral Reinstatements,		10.00	EA	152.00	1,520.00	25.00	250.00
A3.	Academy between Chestnut and I-696							
A.	M14-21-1 to M14-21	21	545.00	FT	82.00	44,690.00	95.00	51,775.00
B.	Additional Lateral Reinstatements,		10.00	EA	152.00	1,520.00	25.00	250.00
A4.	Gratiot at Curtis							
A.	M29-5A to M29-4	21	195.00	FT	82.00	15,990.00	95.00	18,525.00
B.	Additional Lateral Reinstatements,		5.00	EA	152.00	760.00	25.00	125.00
<b>Sub-Total of Alternate Bid Prices</b>						<b>119,640.00</b>		<b>135,692.50</b>

**Total of All Bid Prices**

**912,175.00**

**1,028,808.00**



## ANDERSON, ECKSTEIN AND WESTRICK, INC.

51301 Schoenherr Road, Shelby Township, Michigan 48315  
Civil Engineers • Surveyors • Architects 586-726-1234

July 18, 2012

Scott Adkins, City Manager  
City of Roseville  
29777 Gratiot Avenue  
Roseville, Michigan 48066

Reference: 2012 State Revolving Fund (SRF) Program No. 5373-01  
Contract 2 Sectional CIPP Lining Sanitary Sewer Repair  
AEW Project No. 0100-0397

Dear Mr. Adkins:

Enclosed please find the tabulations of the bids received on July 12, 2012 for the above referenced project. Five (5) proposals were submitted for this project. Our office has checked the tabulation of the bids submitted. The following is a summary of the tabulations:

	<b>Bidder</b>	<b>Total Bid</b>
1.	Liquiforce Services, Inc.	\$1,177,450.00
2.	Lake County Sewer Co., Inc.	\$1,436,869.00
3.	Ric-Man Construction, inc.	\$1,488,625.00
4.	Lanzo Lining Services, Inc.	\$1,792,000.00
5.	National Power Rodding Corp.	\$1,976,190.00

We have worked with Liquiforce Services, Inc. on similar projects in Roseville, St. Clair Shores, Fraser, and Center Line; they have also worked in numerous cities throughout the state. We find them qualified to perform the work being considered.

Based upon the bids submitted, availability of funds, and our past experience with the low bidder, we recommend the City tentatively award the contract for the **SRF Sectional CIPP Lining Project** to Liquiforce Services, Inc., of 28529 Goddard Road, Suite 106, Romulus, Michigan 48174, in the amount of \$1,177,450.00, contingent upon successful financial arrangements with the State Revolving Fund (SRF).



Scott Adkins, City Manager  
July 18, 2012  
Page 2

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

Sincerely,

✓  
Frank D. Varicalli

Encl: Bid Tabulation  
Draft Resolution from SRF Guidance

cc: Paul VanDamme, Purchasing  
Tom Aiuto, Water and Sewer Director  
Steve Wietecha, Engineering  
Scott Lockwood, PE, AEW

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

AEW PROJECT NO.  
 0100-0397

• **Project:**  
 • **2012 SRF SANITARY SEWER REHABILITATION PROGRAM**  
 • **PROJECT NUMBER 5373-01**  
 • **CONTRACT 2 - SECTIONAL CIPP LINING**  
 •  
 • **Owner: CITY OF ROSEVILLE**  
 • **Bid Date: 07/12/12**  
 •

\*Corrected by Engineer

LiquiForce Svcs. (USA) Inc.  
 28529 Goddard Ste 106  
 Romulus, MI 48174  
 734-955-2508

Lake County Sewer Company Inc.  
 32900 Lakeland Blvd.  
 Willowick, OH 44095  
 440-585-5757

NO.	WORK ITEM	QUANTITY	UNIT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
1.	TV and Clean 8"-30" Sanitary Sewers (Pre Video)	60,000.00	FT	3.25	195,000.00	4.00	240,000.00
2.	8" Diameter Sewer, 3' SCIPP Liner	1.00	EA	1,100.00	1,100.00	1,780.00	1,780.00
3.	8" Diameter Sewer, 6' SCIPP Liner	1.00	EA	1,250.00	1,250.00	1,825.00	1,825.00
4.	8" Diameter Sewer, 10' SCIPP Liner	1.00	EA	1,400.00	1,400.00	2,418.00	2,418.00
5.	8" Diameter Sewer, 15' SCIPP Liner	2.00	EA	1,700.00	3,400.00	2,493.00	4,986.00
6.	8" Diameter Sewer, 20' SCIPP Liner	1.00	EA	1,900.00	1,900.00	2,859.00	2,859.00
7.	8" Diameter Sewer, 25' SCIPP Liner	1.00	EA	2,100.00	2,100.00	2,934.00	2,934.00
8.	10" Diameter Sewer, 3' SCIPP Liner	2.00	EA	1,200.00	2,400.00	1,796.00	3,592.00
9.	10" Diameter Sewer, 6' SCIPP Liner	2.00	EA	1,300.00	2,600.00	1,851.00	3,702.00
10.	10" Diameter Sewer, 10' SCIPP Liner	3.00	EA	1,600.00	4,800.00	2,457.00	7,371.00
11.	10" Diameter Sewer, 15' SCIPP Liner	1.00	EA	1,750.00	1,750.00	2,548.00	2,548.00
12.	10" Diameter Sewer, 20' SCIPP Liner	1.00	EA	1,900.00	1,900.00	2,931.00	2,931.00
13.	10" Diameter Sewer, 25' SCIPP Liner	2.00	EA	2,250.00	4,500.00	3,022.00	6,044.00
14.	12" Diameter Sewer, 3' SCIPP Liner	28.00	EA	1,500.00	42,000.00	1,824.00	51,072.00
15.	12" Diameter Sewer, 6' SCIPP Liner	53.00	EA	1,750.00	92,750.00	1,895.00	100,435.00
16.	12" Diameter Sewer, 10' SCIPP Liner	45.00	EA	1,900.00	85,500.00	2,522.00	113,490.00
17.	12" Diameter Sewer, 15' SCIPP Liner	35.00	EA	2,250.00	78,750.00	2,641.00	92,435.00
18.	12" Diameter Sewer, 20' SCIPP Liner	16.00	EA	2,600.00	41,600.00	3,050.00	48,800.00
19.	12" Diameter Sewer, 25' SCIPP Liner	12.00	EA	2,900.00	34,800.00	3,169.00	38,028.00
20.	15" Diameter Sewer, 3' SCIPP Liner	9.00	EA	1,600.00	14,400.00	2,107.00	18,963.00
21.	15" Diameter Sewer, 6' SCIPP Liner	25.00	EA	2,000.00	50,000.00	2,200.00	55,000.00
22.	15" Diameter Sewer, 10' SCIPP Liner	20.00	EA	2,250.00	45,000.00	3,463.00	69,260.00
23.	15" Diameter Sewer, 15' SCIPP Liner	15.00	EA	2,500.00	37,500.00	3,619.00	54,285.00
24.	15" Diameter Sewer, 20' SCIPP Liner	19.00	EA	3,000.00	57,000.00	4,437.00	84,303.00
25.	15" Diameter Sewer, 25' SCIPP Liner	10.00	EA	3,250.00	32,500.00	4,593.00	45,930.00
26.	18" Diameter Sewer, 3' SCIPP Liner	5.00	EA	2,000.00	10,000.00	2,162.00	10,810.00
27.	18" Diameter Sewer, 6' SCIPP Liner	18.00	EA	2,450.00	44,100.00	2,288.00	41,184.00
28.	18" Diameter Sewer, 10' SCIPP Liner	7.00	EA	2,900.00	20,300.00	3,596.00	25,172.00
29.	18" Diameter Sewer, 15' SCIPP Liner	15.00	EA	3,350.00	50,250.00	3,800.00	57,000.00
30.	18" Diameter Sewer, 20' SCIPP Liner	7.00	EA	3,900.00	27,300.00	4,680.00	32,760.00
31.	18" Diameter Sewer, 25' SCIPP Liner	6.00	EA	4,250.00	25,500.00	4,891.00	29,346.00
32.	21" Diameter Sewer, 3' SCIPP Liner	2.00	EA	2,500.00	5,000.00	2,643.00	5,286.00
33.	21" Diameter Sewer, 6' SCIPP Liner	2.00	EA	3,000.00	6,000.00	2,838.00	5,676.00
34.	21" Diameter Sewer, 10' SCIPP Liner	2.00	EA	3,250.00	6,500.00	5,416.00	10,832.00
35.	21" Diameter Sewer, 15' SCIPP Liner	4.00	EA	3,500.00	14,000.00	5,741.00	22,964.00
36.	21" Diameter Sewer, 20' SCIPP Liner	2.00	EA	3,850.00	7,700.00	6,230.00	12,460.00
37.	21" Diameter Sewer, 25' SCIPP Liner	1.00	EA	4,100.00	4,100.00	6,555.00	6,555.00
38.	30" Diameter Sewer, 6' SCIPP Liner	2.00	EA	10,000.00	20,000.00	3,238.00	6,476.00
39.	30" Diameter Sewer, 10' SCIPP Liner	1.00	EA	11,000.00	11,000.00	6,016.00	6,016.00
40.	30" Diameter Sewer, 15' SCIPP Liner	1.00	EA	11,050.00	11,050.00	6,591.00	6,591.00
41.	Lateral Reinstatements	125.00	EA	250.00	31,250.00	350.00	43,750.00
42.	Lateral Preparation	400.00	EA	50.00	20,000.00	25.00	10,000.00
43.	Mineral Deposits Removal	1,000.00	EA	10.00	10,000.00	25.00	25,000.00
44.	Open Cut Point Repair (if required)	1.00	EA	8,000.00	8,000.00	8,000.00	8,000.00
45.	Digital Copy (External Hard Drive) of All Inspection Reports, SCIPP	1.00	LS	1,000.00	1,000.00	500.00	500.00
46.	Digital Copy (DVD) of All Video Footage, SCIPP	1.00	LS	1,000.00	1,000.00	500.00	500.00
47.	Traffic Control, Major Street	1.00	LS	5,000.00	5,000.00	10,000.00	10,000.00
48.	Traffic Control, Minor Street	1.00	LS	2,500.00	2,500.00	5,000.00	5,000.00
<b>Total of All Bid Prices</b>					<b>1,177,450.00</b>		<b>1,436,869.00</b>

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

AEW PROJECT NO.  
 0100-0397

• **Project:**  
 • **2012 SRF SANITARY I**  
 • **PROJECT NUMBER 5:**  
 • **CONTRACT 2 - SECTION A**  
 •  
 • **Owner:** CITY OF RI  
 • **Bid Date:** 07/12/12

\*Corrected by Engineer

Ric-Man Detroit - Advance Liner  
 USA, Joint Venture  
 1001 Woodward Ave Suite 1050  
 Detroit, MI 48226  
 313-833-2242

Lanzo Lining Services Inc.  
 28137 Groesbeck Hwy  
 Roseville, MI 48066  
 586-775-5819

NO.	WORK ITEM	QUANTITY	UNIT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
1.	TV and Clean 8"-30" Sanitary Sewers (Pre Video)	60,000.00	FT	4.50	270,000.00	3.00	180,000.00
2.	8" Diameter Sewer, 3' SCIPP Liner	1.00	EA	2,100.00	2,100.00	1,800.00	1,800.00
3.	8" Diameter Sewer, 6' SCIPP Liner	1.00	EA	2,200.00	2,200.00	2,000.00	2,000.00
4.	8" Diameter Sewer, 10' SCIPP Liner	1.00	EA	2,900.00	2,900.00	2,400.00	2,400.00
5.	8" Diameter Sewer, 15' SCIPP Liner	2.00	EA	3,000.00	6,000.00	3,000.00	6,000.00
6.	8" Diameter Sewer, 20' SCIPP Liner	1.00	EA	3,100.00	3,100.00	3,500.00	3,500.00
7.	8" Diameter Sewer, 25' SCIPP Liner	1.00	EA	3,700.00	3,700.00	4,000.00	4,000.00
8.	10" Diameter Sewer, 3' SCIPP Liner	2.00	EA	2,200.00	4,400.00	2,200.00	4,400.00
9.	10" Diameter Sewer, 6' SCIPP Liner	2.00	EA	2,300.00	4,600.00	2,400.00	4,800.00
10.	10" Diameter Sewer, 10' SCIPP Liner	3.00	EA	3,000.00	9,000.00	2,800.00	8,400.00
11.	10" Diameter Sewer, 15' SCIPP Liner	1.00	EA	3,100.00	3,100.00	3,400.00	3,400.00
12.	10" Diameter Sewer, 20' SCIPP Liner	1.00	EA	3,200.00	3,200.00	3,900.00	3,900.00
13.	10" Diameter Sewer, 25' SCIPP Liner	2.00	EA	3,900.00	7,800.00	4,400.00	8,800.00
14.	12" Diameter Sewer, 3' SCIPP Liner	28.00	EA	2,350.00	65,800.00	2,200.00	61,600.00
15.	12" Diameter Sewer, 6' SCIPP Liner	53.00	EA	2,400.00	127,200.00	2,600.00	137,800.00
16.	12" Diameter Sewer, 10' SCIPP Liner	45.00	EA	2,700.00	121,500.00	2,900.00	130,500.00
17.	12" Diameter Sewer, 15' SCIPP Liner	35.00	EA	3,000.00	105,000.00	3,400.00	119,000.00
18.	12" Diameter Sewer, 20' SCIPP Liner	16.00	EA	3,700.00	59,200.00	3,600.00	57,600.00
19.	12" Diameter Sewer, 25' SCIPP Liner	12.00	EA	4,700.00	56,400.00	4,400.00	52,800.00
20.	15" Diameter Sewer, 3' SCIPP Liner	9.00	EA	2,300.00	20,700.00	4,000.00	36,000.00
21.	15" Diameter Sewer, 6' SCIPP Liner	25.00	EA	2,500.00	62,500.00	3,800.00	95,000.00
22.	15" Diameter Sewer, 10' SCIPP Liner	20.00	EA	2,600.00	52,000.00	4,600.00	92,000.00
23.	15" Diameter Sewer, 15' SCIPP Liner	15.00	EA	3,000.00	45,000.00	5,200.00	78,000.00
24.	15" Diameter Sewer, 20' SCIPP Liner	19.00	EA	3,300.00	62,700.00	5,400.00	102,600.00
25.	15" Diameter Sewer, 25' SCIPP Liner	10.00	EA	4,200.00	42,000.00	6,200.00	62,000.00
26.	18" Diameter Sewer, 3' SCIPP Liner	5.00	EA	2,400.00	12,000.00	5,000.00	25,000.00
27.	18" Diameter Sewer, 6' SCIPP Liner	18.00	EA	2,500.00	45,000.00	5,200.00	93,600.00
28.	18" Diameter Sewer, 10' SCIPP Liner	7.00	EA	2,700.00	18,900.00	5,600.00	39,200.00
29.	18" Diameter Sewer, 15' SCIPP Liner	15.00	EA	3,200.00	48,000.00	6,200.00	93,000.00
30.	18" Diameter Sewer, 20' SCIPP Liner	7.00	EA	3,300.00	23,100.00	6,700.00	46,900.00
31.	18" Diameter Sewer, 25' SCIPP Liner	6.00	EA	4,300.00	25,800.00	7,200.00	43,200.00
32.	21" Diameter Sewer, 3' SCIPP Liner	2.00	EA	2,500.00	5,000.00	5,000.00	10,000.00
33.	21" Diameter Sewer, 6' SCIPP Liner	2.00	EA	2,600.00	5,200.00	5,200.00	10,400.00
34.	21" Diameter Sewer, 10' SCIPP Liner	2.00	EA	2,800.00	5,600.00	5,600.00	11,200.00
35.	21" Diameter Sewer, 15' SCIPP Liner	4.00	EA	3,000.00	12,000.00	6,200.00	24,800.00
36.	21" Diameter Sewer, 20' SCIPP Liner	2.00	EA	3,400.00	6,800.00	6,700.00	13,400.00
37.	21" Diameter Sewer, 25' SCIPP Liner	1.00	EA	4,700.00	4,700.00	7,200.00	7,200.00
38.	30" Diameter Sewer, 6' SCIPP Liner	2.00	EA	6,300.00	12,600.00	5,200.00	10,400.00
39.	30" Diameter Sewer, 10' SCIPP Liner	1.00	EA	10,500.00	10,500.00	5,600.00	5,600.00
40.	30" Diameter Sewer, 15' SCIPP Liner	1.00	EA	12,000.00	12,000.00	6,800.00	6,800.00
41.	Lateral Reinstatements	125.00	EA	225.00	28,125.00	200.00	25,000.00
42.	Lateral Preparation	400.00	EA	100.00	40,000.00	100.00	40,000.00
43.	Mineral Deposits Removal	1,000.00	EA	10.00	10,000.00	10.00	10,000.00
44.	Open Cut Point Repair (if required)	1.00	EA	8,000.00	8,000.00	8,000.00	8,000.00
45.	Digital Copy (External Hard Drive) of All Inspection Reports, SCIPP	1.00	LS	1,500.00	1,500.00	2,000.00	2,000.00
46.	Digital Copy (DVD) of All Video Footage, SCIPP	1.00	LS	1,200.00	1,200.00	2,000.00	2,000.00
47.	Traffic Control, Major Street	1.00	LS	7,500.00	7,500.00	4,000.00	4,000.00
48.	Traffic Control, Minor Street	1.00	LS	3,000.00	3,000.00	2,000.00	2,000.00
<b>Total of All Bid Prices</b>					<b>1,488,625.00</b>		<b>1,792,000.00</b>

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

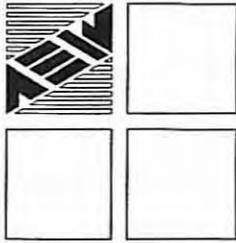
AEW PROJECT NO.  
 0100-0397

• **Project:**  
 • **2012 SRF SANITARY I**  
 • **PROJECT NUMBER 5:**  
 • **CONTRACT 2 - SECTION A**  
 •  
 • Owner: CITY OF RI  
 • Bid Date: 07/12/12  
 •

\*Corrected by Engineer

National Power Rodding Corp.  
 2500 W Arthington St  
 Chicago, IL 60612  
 312-666-7700

NO.	WORK ITEM	QUANTITY	UNIT	UNIT PRICE	AMOUNT
1.	TV and Clean 8"-30" Sanitary Sewers (Pre Video)	60,000.00	FT	5.00	300,000.00
2.	8" Diameter Sewer, 3' SCIPP Liner	1.00	EA	1,790.00	1,790.00
3.	8" Diameter Sewer, 6' SCIPP Liner	1.00	EA	1,950.00	1,950.00
4.	8" Diameter Sewer, 10' SCIPP Liner	1.00	EA	2,500.00	2,500.00
5.	8" Diameter Sewer, 15' SCIPP Liner	2.00	EA	3,500.00	7,000.00
6.	8" Diameter Sewer, 20' SCIPP Liner	1.00	EA	3,800.00	3,800.00
7.	8" Diameter Sewer, 25' SCIPP Liner	1.00	EA	3,800.00	3,800.00
8.	10" Diameter Sewer, 3' SCIPP Liner	2.00	EA	1,790.00	3,580.00
9.	10" Diameter Sewer, 6' SCIPP Liner	2.00	EA	1,950.00	3,900.00
10.	10" Diameter Sewer, 10' SCIPP Liner	3.00	EA	2,500.00	7,500.00
11.	10" Diameter Sewer, 15' SCIPP Liner	1.00	EA	3,500.00	3,500.00
12.	10" Diameter Sewer, 20' SCIPP Liner	1.00	EA	3,800.00	3,800.00
13.	10" Diameter Sewer, 25' SCIPP Liner	2.00	EA	3,800.00	7,600.00
14.	12" Diameter Sewer, 3' SCIPP Liner	28.00	EA	1,790.00	50,120.00
15.	12" Diameter Sewer, 6' SCIPP Liner	53.00	EA	2,000.00	106,000.00
16.	12" Diameter Sewer, 10' SCIPP Liner	45.00	EA	2,500.00	112,500.00
17.	12" Diameter Sewer, 15' SCIPP Liner	35.00	EA	3,500.00	122,500.00
18.	12" Diameter Sewer, 20' SCIPP Liner	16.00	EA	3,800.00	60,800.00
19.	12" Diameter Sewer, 25' SCIPP Liner	12.00	EA	3,800.00	45,600.00
20.	15" Diameter Sewer, 3' SCIPP Liner	9.00	EA	1,900.00	17,100.00
21.	15" Diameter Sewer, 6' SCIPP Liner	25.00	EA	2,500.00	62,500.00
22.	15" Diameter Sewer, 10' SCIPP Liner	20.00	EA	3,000.00	60,000.00
23.	15" Diameter Sewer, 15' SCIPP Liner	15.00	EA	4,200.00	63,000.00
24.	15" Diameter Sewer, 20' SCIPP Liner	19.00	EA	6,000.00	114,000.00
25.	15" Diameter Sewer, 25' SCIPP Liner	10.00	EA	6,900.00	69,000.00
26.	18" Diameter Sewer, 3' SCIPP Liner	5.00	EA	2,410.00	12,050.00
27.	18" Diameter Sewer, 6' SCIPP Liner	18.00	EA	3,350.00	60,300.00
28.	18" Diameter Sewer, 10' SCIPP Liner	7.00	EA	5,000.00	35,000.00
29.	18" Diameter Sewer, 15' SCIPP Liner	15.00	EA	6,000.00	90,000.00
30.	18" Diameter Sewer, 20' SCIPP Liner	7.00	EA	8,000.00	56,000.00
31.	18" Diameter Sewer, 25' SCIPP Liner	6.00	EA	10,000.00	60,000.00
32.	21" Diameter Sewer, 3' SCIPP Liner	2.00	EA	2,500.00	5,000.00
33.	21" Diameter Sewer, 6' SCIPP Liner	2.00	EA	3,200.00	6,400.00
34.	21" Diameter Sewer, 10' SCIPP Liner	2.00	EA	5,500.00	11,000.00
35.	21" Diameter Sewer, 15' SCIPP Liner	4.00	EA	6,400.00	25,600.00
36.	21" Diameter Sewer, 20' SCIPP Liner	2.00	EA	11,000.00	22,000.00
37.	21" Diameter Sewer, 25' SCIPP Liner	1.00	EA	14,000.00	14,000.00
38.	30" Diameter Sewer, 6' SCIPP Liner	2.00	EA	3,000.00	6,000.00
39.	30" Diameter Sewer, 10' SCIPP Liner	1.00	EA	6,000.00	6,000.00
40.	30" Diameter Sewer, 15' SCIPP Liner	1.00	EA	7,500.00	7,500.00
41.	Lateral Reinstatements	125.00	EA	600.00	75,000.00
42.	Lateral Preparation	400.00	EA	400.00	160,000.00
43.	Mineral Deposits Removal	1,000.00	EA	75.00	75,000.00
44.	Open Cut Point Repair (if required)	1.00	EA	8,000.00	8,000.00
45.	Digital Copy (External Hard Drive) of All Inspection Reports, SCIPP	1.00	LS	500.00	500.00
46.	Digital Copy (DVD) of All Video Footage, SCIPP	1.00	LS	1,000.00	1,000.00
47.	Traffic Control, Major Street	1.00	LS	5,000.00	5,000.00
48.	Traffic Control, Minor Street	1.00	LS	1,000.00	1,000.00
<b>Total of All Bid Prices</b>					<b>1,976,190.00</b>



## ANDERSON, ECKSTEIN AND WESTRICK, INC.

51301 Schoenherr Road, Shelby Township, Michigan 48315  
Civil Engineers • Surveyors • Architects 586-726-1234

July 18, 2012

Scott Adkins, City Manager  
City of Roseville  
29777 Gratiot Avenue  
Roseville, Michigan 48066

Reference: 2012 State Revolving Fund (SRF) Program No. 5373-01  
Contract 3, Open Cut Sanitary Sewer Repair  
AEW Project No. 0100-0398

Dear Mr. Adkins:

Enclosed please find the tabulations of the bids received on July 12, 2012 for the above referenced project. Six (6) proposals were submitted for this project. Our office has checked the tabulation of the bids submitted. The following is a summary of the tabulations:

	<b>Bidder</b>	<b>Total Bid</b>
1.	Ric-Man Construction, Inc.	\$1,454,102.50
2.	Salvatore Excavating Co.	\$1,567,802.00
3.	Pamar Enterprises, Inc.	\$1,571,840.00
4.	T.R. Pieprzak Co., Inc.	\$1,582,709.00
5.	V.I.L. Construction, Inc.	\$1,671,577.50
6.	Teltow Contracting Inc.	\$1,888,790.00

We have worked with Ric-Man Construction, Inc. on the North Gratiot Sanitary Interceptor and the Oakland-Macomb Interceptor. They have worked in Detroit, Grosse Pointe Shores, and many other communities on similar projects, and we find them qualified to perform the work being considered.

Based upon the bids submitted, availability of funds, and our past experience with the low bidder, we recommend that the City tentatively award the contract for the **SRF Open Cut Sewer Repair Project** to Ric-Man Construction, Inc., of 1001 Woodward Avenue, Detroit, Michigan 48226, in the amount of \$1,454,102.50, contingent upon successful financial arrangements with the State Revolving Fund (SRF).



Scott Adkins, City Manager  
July 18, 2012  
Page 2

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

Sincerely,

Frank D. Varicalli

Encl: Bid Tabulation  
Draft Resolution from SRF Guidance

cc: Paul VanDamme, Purchasing  
Tom Aiuto, Water and Sewer Director  
Steve Wietecha, Engineering  
Scott Lockwood, PE, AEW

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

AEW PROJECT NO.  
0100-0398

\* **Project:**  
\* 2012 SRF SANITARY SEWER REHABILITATION PROGRAM  
\* PROJECT NUMBER 5373-01  
\* CONTRACT 3 - OPEN CUT SANITARY SEWER REPAIR  
\*  
\* Owner: CITY OF ROSEVILLE  
\* Bid Date: 07/12/12  
\*

\*Corrected by Engineer

Ric-Man Detroit  
1001 Woodward Ave Suite 1050  
Detroit, MI 48226  
313-833-2242

Salvatore Excavating Company  
29850 Little Mack  
Roseville, MI 48066  
586-293-4590

NO.	WORK ITEM	QUANTITY	UNIT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
1.	Audio-Visual Record of Construction Influence Area	1.00	LS	30,000.00	30,000.00	42,000.00	42,000.00
2.	Remove and Replace 6"-12" Dia. Sewer, 0 - 12' Depth	445.00	LF	340.00	151,300.00	576.00	256,320.00
3.	Remove and Replace 6"-12" Dia. Sewer, 12' - 24' Depth	185.00	LF	600.00	111,000.00	653.00	120,805.00
4.	Remove and Replace 15"-21" Dia. Sewer, 0-12' Depth	235.00	LF	400.00	94,000.00	672.00	157,920.00
5.	Remove and Replace 15"-21" Dia. Sewer, 12'-24' Depth	140.00	LF	675.00	94,500.00	929.00	130,060.00
6.	Remove and Replace 24"-30" Dia. Sewer, 0-12' Depth	50.00	LF	800.00	40,000.00	986.00	49,300.00
7.	Remove and Replace 24"-30" Dia. Sewer, 12'-24' Depth	80.00	LF	1,050.00	84,000.00	804.00	64,320.00
8.	Install Straight Tee, 8"-10"-12" x 6" Dia. SDR 26	35.00	EA	600.00	21,000.00	455.00	15,925.00
9.	Install Straight Tee, 15"-18"-21" x 6" Dia. SDR 26	30.00	EA	700.00	21,000.00	730.00	21,900.00
10.	Install Straight Tee, 24"-27"-30" x 6" Dia. SDR 26	15.00	EA	2,100.00	31,500.00	1,950.00	29,250.00
11.	Reconnect Existing Laterals (Open Cut Repair)	80.00	EA	625.00	50,000.00	160.00	12,800.00
12.	6" Dia. San. Service (Lineal Measure)	800.00	LF	20.00	16,000.00	30.00	24,000.00
13.	Post Video of Sanitary Sewer Open Cut Repairs	5,375.00	LF	3.00	16,125.00	3.80	20,425.00
14.	Pre and Post Video of Sanitary Sewer to be Pipe Burst	815.00	LF	8.00	6,520.00	4.80	3,912.00
15.	Investigation of Sanitary Services (Pipe Burst)	5.00	EA	850.00	4,250.00	200.00	1,000.00
16.	Digital Copy (DVD) of Video Footage	1.00	LS	1,100.00	1,100.00	50.00	50.00
17.	Pipe Burst Insertion and Retrieval Pits	6.00	EA	3,000.00	18,000.00	4,720.00	28,320.00
18.	Pipe Burst Existing 12" Sanitary Sewer (Replace with 12 inch, SDR 17 DIPS HDPE, Grey in color)	630.00	LF	60.00	37,800.00	75.00	47,250.00
19.	Pipe Burst Existing 18" Sanitary Sewer (Replace with 18 inch, SDR 17 DIPS HDPE, Grey in color)	185.00	LF	92.00	17,020.00	145.00	26,825.00
20.	Reconnect Existing Laterals, 12" Sewer (Pipe Burst)	20.00	EA	825.00	16,500.00	1,840.00	36,800.00
21.	Reconnect Existing Laterals, 18" Sewer (Pipe Burst)	5.00	EA	1,150.00	5,750.00	1,865.00	9,325.00
22.	Drainage Structure Tap, 8"-10"-12"	18.00	EA	600.00	10,800.00	585.00	10,530.00
23.	Drainage Structure Tap, 15"-18"-21"	14.00	EA	1,400.00	19,600.00	800.00	11,200.00
24.	Drainage Structure Tap, 24"-27"-30"	3.00	EA	2,100.00	6,300.00	1,000.00	3,000.00
25.	Remove and Replace 48" Dia. Sanitary Manhole	3.00	EA	3,900.00	11,700.00	4,550.00	13,650.00
26.	Additional Depth of Sanitary Manhole	5.00	VF	100.00	500.00	100.00	500.00
27.	Reconstruct Existing Sanitary Manhole	100.00	VF	150.00	15,000.00	150.00	15,000.00
28.	Drainage Structure Frame & Cover	38.00	EA	850.00	32,300.00	500.00	19,000.00
29.	External Structure Chimney Seal (18")	38.00	EA	425.00	16,150.00	275.00	10,450.00
30.	Sidewalk, Rem	850.00	SY	9.00	7,650.00	5.00	4,250.00
31.	Pavt, Rem	5,000.00	SY	12.00	60,000.00	10.00	50,000.00
32.	Curb and Gutter, Rem	100.00	FT	20.00	2,000.00	10.00	1,000.00
33.	Maintenance Aggregate	150.00	CY	60.00	9,000.00	20.00	3,000.00
34.	Sidewalk, Conc, 4"	6,850.00	SF	3.75	25,687.50	4.00	27,400.00
35.	Sidewalk, Conc, 6"	1,400.00	SF	4.50	6,300.00	4.50	6,300.00
36.	Sidewalk Ramp, Conc, 8"	800.00	SF	6.25	5,000.00	5.30	4,240.00
37.	Detectable Warning	100.00	FT	30.00	3,000.00	40.00	4,000.00

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

AEW PROJECT NO.  
 0100-0398

- \* **Project:**
- \* 2012 SRF SANITARY SEWER REHABILITATION PROGRAM
- \* PROJECT NUMBER 5373-01
- \* CONTRACT 3 - OPEN CUT SANITARY SEWER REPAIR
- \*
- \* Owner: CITY OF ROSEVILLE
- \* Bid Date: 07/12/12
- \*

\*Corrected by Engineer

Ric-Man Detroit  
 1001 Woodward Ave Suite 1050  
 Detroit, MI 48226  
 313-833-2242

Salvatore Excavating Company  
 29850 Little Mack  
 Roseville, MI 48066  
 586-293-4590

NO.	WORK ITEM	QUANTITY	UNIT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
38.	Driveway, Nonreinf Conc, 6"	500.00	SY	42.00	21,000.00	39.00	19,500.00
39.	Conc Pavt, Nonreinf, 8"	3,250.00	SY	45.00	146,250.00	46.00	149,500.00
40.	Conc Pavt, Nonreinf, 10"	75.00	SY	60.00	4,500.00	47.00	3,525.00
41.	Curb and Gutter, Match Existing	100.00	FT	25.00	2,500.00	25.00	2,500.00
42.	HMA, 13A	1,000.00	SY	50.00	50,000.00	40.00	40,000.00
43.	Trees, Remove and Replace	1.00	LS	10,000.00	10,000.00	7,000.00	7,000.00
44.	Surface Restoration, Sodding	2,000.00	SY	7.00	14,000.00	2.50	5,000.00
45.	Surface Restoration, Seeding	2,500.00	SY	5.00	12,500.00	1.50	3,750.00
46.	Final Clean-Up and Restoration	1.00	LS	45,000.00	45,000.00	21,000.00	21,000.00
47.	Traffic Control, Major Street	1.00	LS	30,000.00	30,000.00	16,000.00	16,000.00
48.	Traffic Control, Minor Street	1.00	LS	20,000.00	20,000.00	18,000.00	18,000.00
<b>Total of All Bid Prices</b>					<b>1,454,102.50</b>		<b>1,567,802.00</b>

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

AEW PROJECT NO.  
 0100-0398

• **Project:**  
 • 2012 SRF SANITARY SEWEF  
 • PROJECT NUMBER 5373-01  
 • CONTRACT 3 - OPEN CUT S.

• Owner: CITY OF RI  
 • Bid Date: 07/12/12

\*Corrected by Engineer

Pamar Enterprises, Inc.  
 58021 Gratiot  
 New haven, MI 48048  
 586-749-8593

T R Pieprzak Company Inc.  
 6267 St Clair Hwy  
 China Twp., MI 48054  
 810-329-4027

NO.	WORK ITEM	QUANTITY	UNIT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
1.	Audio-Visual Record of Construction Influence Area	1.00	LS	15,000.00	15,000.00	12,000.00	12,000.00
2.	Remove and Replace 6"-12" Dia. Sewer, 0 - 12' Depth	445.00	LF	175.00	77,875.00	207.00	92,115.00
3.	Remove and Replace 6"-12" Dia. Sewer, 12' - 24' Depth	185.00	LF	200.00	37,000.00	265.00	49,025.00
4.	Remove and Replace 15"-21" Dia. Sewer, 0-12' Depth	235.00	LF	250.00	58,750.00	230.00	54,050.00
5.	Remove and Replace 15"-21" Dia. Sewer, 12'-24' Depth	140.00	LF	275.00	38,500.00	300.00	42,000.00
6.	Remove and Replace 24"-30" Dia. Sewer, 0-12' Depth	50.00	LF	325.00	16,250.00	170.00	8,500.00
7.	Remove and Replace 24"-30" Dia. Sewer, 12'-24' Depth	80.00	LF	350.00	28,000.00	600.00	48,000.00
8.	Install Straight Tee, 8"-10"-12" x 6" Dia. SDR 26	35.00	EA	350.00	12,250.00	400.00	14,000.00
9.	Install Straight Tee, 15"-18"-21" x 6" Dia. SDR 26	30.00	EA	350.00	10,500.00	600.00	18,000.00
10.	Install Straight Tee, 24"-27"-30" x 6" Dia. SDR 26	15.00	EA	350.00	5,250.00	700.00	10,500.00
11.	Reconnect Existing Laterals (Open Cut Repair)	80.00	EA	50.00	4,000.00	211.00	16,880.00
12.	6" Dia. San. Service (Lineal Measure)	800.00	LF	90.00	72,000.00	6.00	4,800.00
13.	Post Video of Sanitary Sewer Open Cut Repairs	5,375.00	LF	2.00	10,750.00	5.50	29,562.50
14.	Pre and Post Video of Sanitary Sewer to be Pipe Burst	815.00	LF	2.00	1,630.00	5.50	4,482.50
15.	Investigation of Sanitary Services (Pipe Burst)	5.00	EA	400.00	2,000.00	350.00	1,750.00
16.	Digital Copy (DVD) of Video Footage	1.00	LS	500.00	500.00	1,200.00	1,200.00
17.	Pipe Burst Insertion and Retrieval Pits	6.00	EA	5,000.00	30,000.00	10,630.00	63,780.00
18.	Pipe Burst Existing 12" Sanitary Sewer (Replace with 12 inch, SDR 17 DIPS HDPE, Grey in color)	630.00	LF	285.00	179,550.00	64.00	40,320.00
19.	Pipe Burst Existing 18" Sanitary Sewer (Replace with 18 inch, SDR 17 DIPS HDPE, Grey in color)	185.00	LF	311.00	57,535.00	135.00	24,975.00
20.	Reconnect Existing Laterals, 12" Sewer (Pipe Burst)	20.00	EA	350.00	7,000.00	100.00	2,000.00
21.	Reconnect Existing Laterals, 18" Sewer (Pipe Burst)	5.00	EA	350.00	1,750.00	150.00	750.00
22.	Drainage Structure Tap, 8"-10"-12"	18.00	EA	250.00	4,500.00	1,290.00	23,220.00
23.	Drainage Structure Tap, 15"-18"-21"	14.00	EA	350.00	4,900.00	1,406.00	19,684.00
24.	Drainage Structure Tap, 24"-27"-30"	3.00	EA	500.00	1,500.00	1,580.00	4,740.00
25.	Remove and Replace 48" Dia. Sanitary Manhole	3.00	EA	5,500.00	16,500.00	3,132.00	9,396.00
26.	Additional Depth of Sanitary Manhole	5.00	VF	100.00	500.00	50.00	250.00
27.	Reconstruct Existing Sanitary Manhole	100.00	VF	150.00	15,000.00	186.00	18,600.00
28.	Drainage Structure Frame & Cover	38.00	EA	400.00	15,200.00	496.00	18,848.00
29.	External Structure Chimney Seal (18")	38.00	EA	400.00	15,200.00	422.00	16,036.00
30.	Sidewalk, Rem	850.00	SY	18.00	15,300.00	5.00	4,250.00
31.	Pavt, Rem	5,000.00	SY	22.00	110,000.00	10.00	50,000.00
32.	Curb and Gutter, Rem	100.00	FT	32.00	3,200.00	8.00	800.00
33.	Maintenance Aggregate	150.00	CY	55.00	8,250.00	18.00	2,700.00
34.	Sidewalk, Conc, 4"	6,850.00	SF	6.00	41,100.00	3.90	26,715.00
35.	Sidewalk, Conc, 6"	1,400.00	SF	8.00	11,200.00	20.20	28,280.00
36.	Sidewalk Ramp, Conc, 8"	800.00	SF	12.00	9,600.00	9.00	7,200.00
37.	Delectable Warning	100.00	FT	50.00	5,000.00	40.00	4,000.00

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

AEW PROJECT NO.  
 0100-0398

\* **Project:**  
 \* 2012 SRF SANITARY SEWER  
 \* PROJECT NUMBER 5373-01  
 \* CONTRACT 3 - OPEN CUT S  
 \*  
 \* Owner: CITY OF RI  
 \* Bid Date: 07/12/12  
 \*

\*Corrected by Engineer

Pamar Enterprises, Inc.  
 58021 Gratiot  
 New haven, MI 48048  
 586-749-8593

T R Pieprzak Company Inc.  
 6267 St Clair Hwy  
 China Twp., MI 48054  
 810-329-4027

NO.	WORK ITEM	QUANTITY	UNIT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
38.	Driveway, Nonreinf Conc, 6"	500.00	SY	55.00	27,500.00	45.00	22,500.00
39.	Conc Pavt, Nonreinf, 8"	3,250.00	SY	68.00	221,000.00	47.00	152,750.00
40.	Conc Pavt, Nonreinf, 10"	75.00	SY	80.00	6,000.00	50.00	3,750.00
41.	Curb and Gutter, Match Existing	100.00	FT	48.00	4,800.00	26.00	2,600.00
42.	HMA, 13A	1,000.00	SY	65.00	65,000.00	30.00	30,000.00
43.	Trees, Remove and Replace	1.00	LS	6,500.00	6,500.00	36,600.00	36,600.00
44.	Surface Restoration, Sodding	2,000.00	SY	9.00	18,000.00	7.00	14,000.00
45.	Surface Restoration, Seeding	2,500.00	SY	8.00	20,000.00	4.00	10,000.00
46.	Final Clean-Up and Restoration	1.00	LS	20,000.00	20,000.00	75,700.00	75,700.00
47.	Traffic Control, Major Street	1.00	LS	125,000.00	125,000.00	216,000.00	216,000.00
48.	Traffic Control, Minor Street	1.00	LS	125,000.00	125,000.00	245,400.00	245,400.00
<b>Total of All Bid Prices</b>					<b>1,581,840.00</b>		<b>1,582,709.00</b>

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

AEW PROJECT NO.  
0100-0398

\* **Project:**  
\* 2012 SRF SANITARY SEWER  
\* PROJECT NUMBER 5373-01  
\* CONTRACT 3 - OPEN CUT S.  
.  
\* Owner: CITY OF R  
\* Bid Date: 07/12/12  
.

\*Corrected by Engineer

V.I.L. Construction Inc.  
6670 Sims Drive  
Sterling Hgts., MI 48313  
586-979-6020

Teltow Contracting Inc.  
4678 Meldrum Road  
Casco, MI 48064  
586-727-1585

NO.	WORK ITEM	QUANTITY	UNIT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
1.	Audio-Visual Record of Construction Influence Area	1.00	LS	12,500.00	12,500.00	49,000.00	49,000.00
2.	Remove and Replace 6"-12" Dia. Sewer, 0 - 12' Depth	445.00	LF	175.00	77,875.00	565.00	251,425.00
3.	Remove and Replace 6"-12" Dia. Sewer, 12' - 24' Depth	185.00	LF	185.00	34,225.00	850.00	157,250.00
4.	Remove and Replace 15"-21" Dia. Sewer, 0-12' Depth	235.00	LF	205.00	48,175.00	600.00	141,000.00
5.	Remove and Replace 15"-21" Dia. Sewer, 12'-24' Depth	140.00	LF	225.00	31,500.00	1,200.00	168,000.00
6.	Remove and Replace 24"-30" Dia. Sewer, 0-12' Depth	50.00	LF	225.00	11,250.00	1,500.00	75,000.00
7.	Remove and Replace 24"-30" Dia. Sewer, 12'-24' Depth	80.00	LF	275.00	22,000.00	1,900.00	152,000.00
8.	Install Straight Tee, 8"-10"-12" x 6" Dia. SDR 26	35.00	EA	1,500.00	52,500.00	420.00	14,700.00
9.	Install Straight Tee, 15"-18"-21" x 6" Dia. SDR 26	30.00	EA	2,200.00	66,000.00	620.00	18,600.00
10.	Install Straight Tee, 24"-27"-30" x 6" Dia. SDR 26	15.00	EA	2,800.00	42,000.00	720.00	10,800.00
11.	Reconnect Existing Laterals (Open Cut Repair)	80.00	EA	1,200.00	96,000.00	125.00	10,000.00
12.	6" Dia. San. Service (Lineal Measure)	800.00	LF	10.00	8,000.00	30.00	24,000.00
13.	Post Video of Sanitary Sewer Open Cut Repairs	5,375.00	LF	3.50	18,812.50	3.75	20,156.25
14.	Pre and Post Video of Sanitary Sewer to be Pipe Burst	815.00	LF	3.50	2,852.50	3.75	3,056.25
15.	Investigation of Sanitary Services (Pipe Burst)	5.00	EA	1,000.00	5,000.00	500.00	2,500.00
16.	Digital Copy (DVD) of Video Footage	1.00	LS	1,000.00	1,000.00	1,000.00	1,000.00
17.	Pipe Burst Insertion and Retrieval Pits	6.00	EA	4,000.00	24,000.00	3,000.00	18,000.00
18.	Pipe Burst Existing 12" Sanitary Sewer (Replace with 12 inch, SDR 17 DIPS HDPE, Grey in color)	630.00	LF	148.00	93,240.00	105.00	66,150.00
19.	Pipe Burst Existing 18" Sanitary Sewer (Replace with 18 inch, SDR 17 DIPS HDPE, Grey in color)	185.00	LF	186.00	34,410.00	167.00	30,895.00
20.	Reconnect Existing Laterals, 12" Sewer (Pipe Burst)	20.00	EA	300.00	6,000.00	3,000.00	60,000.00
21.	Reconnect Existing Laterals, 18" Sewer (Pipe Burst)	5.00	EA	350.00	1,750.00	3,500.00	17,500.00
22.	Drainage Structure Tap, 8"-10"-12"	18.00	EA	500.00	9,000.00	275.00	4,950.00
23.	Drainage Structure Tap, 15"-18"-21"	14.00	EA	750.00	10,500.00	350.00	4,900.00
24.	Drainage Structure Tap, 24"-27"-30"	3.00	EA	1,500.00	4,500.00	700.00	2,100.00
25.	Remove and Replace 48" Dia. Sanitary Manhole	3.00	EA	3,750.00	11,250.00	4,500.00	13,500.00
26.	Additional Depth of Sanitary Manhole	5.00	VF	200.00	1,000.00	100.00	500.00
27.	Reconstruct Existing Sanitary Manhole	100.00	VF	200.00	20,000.00	160.00	16,000.00
28.	Drainage Structure Frame & Cover	38.00	EA	450.00	17,100.00	540.00	20,520.00
29.	External Structure Chimney Seal (18")	38.00	EA	425.00	16,150.00	275.00	10,450.00
30.	Sidewalk, Rem	850.00	SY	10.00	8,500.00	5.00	4,250.00
31.	Pavl, Rem	5,000.00	SY	10.00	50,000.00	8.00	40,000.00
32.	Curb and Gutter, Rem	100.00	FT	20.00	2,000.00	10.00	1,000.00
33.	Maintenance Aggregate	150.00	CY	30.00	4,500.00	15.00	2,250.00
34.	Sidewalk, Conc, 4"	6,850.00	SF	3.75	25,687.50	4.25	29,112.50
35.	Sidewalk, Conc, 6"	1,400.00	SF	4.25	5,950.00	4.75	6,650.00
36.	Sidewalk Ramp, Conc, 8"	800.00	SF	7.50	6,000.00	7.25	5,800.00
37.	Detectable Warning	100.00	FT	42.00	4,200.00	41.00	4,100.00

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

AEW PROJECT NO.  
 0100-0398

\* **Project:**  
 \* 2012 SRF SANITARY SEWER  
 \* PROJECT NUMBER 5373-01  
 \* CONTRACT 3 - OPEN CUT S.  
 \*  
 \* Owner: CITY OF R  
 \* Bid Date: 07/12/12  
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\*Corrected by Engineer

V.I.L. Construction Inc.  
 6670 Sims Drive  
 Sterling Hgts., MI 48313  
 586-979-6020

Teltow Contracting Inc.  
 4678 Meldrum Road  
 Casco, MI 48064  
 586-727-1585

NO.	WORK ITEM	QUANTITY	UNIT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
38.	Driveway, Nonreinf Conc, 6"	500.00	SY	38.00	19,000.00	41.00	20,500.00
39.	Conc Pavt, Nonreinf, 8"	3,250.00	SY	50.00	162,500.00	51.00	165,750.00
40.	Conc Pavt, Nonreinf, 10"	75.00	SY	54.00	4,050.00	59.00	4,425.00
41.	Curb and Gutter, Match Existing	100.00	FT	31.00	3,100.00	31.00	3,100.00
42.	HMA, 13A	1,000.00	SY	33.00	33,000.00	32.00	32,000.00
43.	Trees, Remove and Replace	1.00	LS	6,500.00	6,500.00	27,900.00	27,900.00
44.	Surface Restoration, Sodding	2,000.00	SY	9.00	18,000.00	7.00	14,000.00
45.	Surface Restoration, Seeding	2,500.00	SY	6.00	15,000.00	6.00	15,000.00
46.	Final Clean-Up and Restoration	1.00	LS	25,000.00	25,000.00	69,000.00	69,000.00
47.	Traffic Control, Major Street	1.00	LS	250,000.00	250,000.00	40,000.00	40,000.00
48.	Traffic Control, Minor Street	1.00	LS	250,000.00	250,000.00	40,000.00	40,000.00
<b>Total of All Bid Prices</b>					<b>1,671,577.50</b>		<b>1,888,790.00</b>

\*

MAYOR  
JOHN CHIRKUN

MAYOR PRO TEM  
ROBERT TAYLOR

CITY COUNCIL  
SALVATORE AIUTO  
JAN HAGGERTY  
FRANK A. MAISANO  
COLLEEN MCCARTNEY  
BILL SHOEMAKER



CITY MANAGER  
STEPHEN A. TRUMAN

CITY CLERK  
RICHARD M. STEENLAND

CITY TREASURER  
CATHERINE J. HAUGH

July 12, 2012

To: Scott Adkins, City Manager

From: Robert Cady, Controller

Re: Upgrade to building software

Attached is a quote from Master Temperature Control for the upgrade of software and control systems for City hall, police and court. As the city is already under contract with Master Temp as an approved vendor and their newer software is already in place at other city buildings it would be less expensive to upgrade and stay with Master Temp. Modern versions of the Master Temp control systems are also used at Recreation and SERESA. The current system has been in place for many years and is obsolete and failing. The air conditioning in the jail cells failed to operate Sunday July 8<sup>th</sup> due to one of the 3 ports of this system failing. It's currently operated by phone modem and we are told parts are no longer available to fix or repair it. The city hall system is running on the remaining two ports still in operation. The new system is internet based like the Master Temp systems at SERESA and recreation and can be adjusted or troubleshot from a laptop computer offsite. Money for this upgrade would come from building maintenance 101-265-931.000

29777 GRATIOT, P. O. BOX 290 • ROSEVILLE, MICHIGAN 48066-9021

FAX (586) 445-5402 • TDD: 445-5493

[www.roseville-mi.gov](http://www.roseville-mi.gov)

Bldg. Inspections ..... 445-5450  
City Assessor ..... 445-5430  
City Clerk ..... 445-5440  
City Manager ..... 445-5410  
Code Enforce ..... 445-5447

Community Develop ..... 445-5423  
Controller ..... 445-5417  
Dist. Court ..... 773-2010  
D.P.W. .... 445-5470  
Engineering ..... 445-5445

Fire ..... 445-5444  
Housing ..... 778-1360  
Library ..... 445-5407  
Personnel ..... 445-5412  
Police ..... 775-2100

Purchasing ..... 445-5425  
Recreation (Parks) ..... 445-5480  
Senior Center ..... 777-7177  
Treasurer ..... 445-5420  
Water (Billing) ..... 445-5460  
Water (Garage) ..... 445-5466

# MASTER TEMPERATURE CONTROLS, INC.

Division of G E S

www.mastertemp.com

34400 Glendale, Suite 100 • Livonia, Michigan 48150-1302  
(734) 513-9170 • FAX (734) 513-9560

Robert Cady  
City of Roseville  
29777 Gratiot  
Roseville, MI 48066

July 12, 2012

Quote 36050

**Subject: Upgrade of Building Management System, PD , Court, and City Hall**

Bob:

This is to provide pricing for the upgrade of the Temperature Control System (building management system) within the Police department, Court, City Hall.

The temperature control system as existing monitors and controls the main heating/cooling units for the building and also controls VAV zones within PD, Court, and City Hall.

We are proposing to upgrade the existing head end controller with a software driver so that this new controller will communicate with each sub controller (VAV zones) and the main units to perform the functions needed to meet the requirements of the space being controlled.

To summarize the building would get a new Network Manager to perform the global commands for the building and each variable air volume zone and unit controller would communicate with the new Network Manager. The graphics package is to be revised to better identify the units and zones being controlled for ease of navigation.

**Price to accomplish ..... \$11,884.00**

Purchaser to provide:

Free access for labor and material

Hours of work:

All work to be performed during the normal workday, 8:00 a.m. - 4:30 p.m., Monday through Friday.

Warranty: Material one year from date of install, workmanship one year from date of install

Terms:

Due upon receipt of invoice

Respectfully,

MASTER TEMPERATUE CONTROLS

Chuck Goerlitz,  
Controls Division

*We Create Comfort*

# Memorandum

**To:** Scott Adkins, City Manager  
**From:** Paul VanDamme, Purchasing Assistant  
**Date:** July 13, 2012  
**Re:** Dirt and Broken Concrete Removal - Bid #592-02107

---

Bid Advertised: June 29, 2012 Macomb Daily  
Bid Due: July 12, 2012 at 11:00 a.m. Local Time  
Present at Bid Opening: Paul VanDamme, Purchasing Assistant  
Virginia Green, Administrative Assistant

Specifications were written for the removal of approximately 5,000 yards of Dirt and Broken Concrete from the Water Department Yard. Specifications were sent to ten (10) companies with four (4) companies responding with quotations. Note that a bid was received from a Roseville business; however, their bid was not within the City's five percent (5%) allowance.

Dean Marine & Excavating, Inc. of Mt. Clemens submitted the low bid for removal at \$5.85 per yard for a total of \$29,250.00. Note that this is only a \$0.35 per yard increase from 2008. Tom Aiuto, Director of the Water Department, has reviewed all bids and finds that the low bidder meets specifications. Dean Marine has previously done work for the Water Department in a satisfactory manner.

Therefore, it is recommended that we award the Dirt and Broken Concrete Removal Bid to **Dean Marine Excavating** for a total of **\$29,250** for the removal of 5,000 yards.

Should you have any questions, please contact my office.

/pv

Attachment

