



11333 N. Cedarburg Rd.
Mequon, WI 53092
Phone: 262-236-2934
Fax: 262-242-9655

www.ci.mequon.wi.us

Public Works/Engineering
Taped and Televised

SEWER UTILITY DISTRICT COMMISSION
Tuesday, May 11, 2021
7:30 PM
Christine Nuernberg Hall/GoToMeeting Platform

HYBRID MEETING NOTICE: Pursuant to the current recommendations of the CDC, various regulatory agencies and the WEDC, and to provide safe access to the meeting to those people unwilling or unable to attend in-person because of COVID-19, this meeting will be held both virtually through the GoToMeeting platform and in-person with each member accessing the meeting in the manner they choose. Citizens wishing to attend the meeting are encouraged to watch the live broadcast of the meeting on the City's YouTube Account (<https://www.youtube.com/channel/UCZDJETJla2M-KQgIcEDiyMQ>), or on the City's Agenda Management Website (<http://mequoncitywi.iqm2.com/Citizens/default.aspx>). Citizens may also join the meeting online or by phone. Please go to <https://www.gotomeet.me/Mequon/cc> to join the meeting online or call into the meeting by dialing 1-866-899-4679 and enter access code 298-967-317. You may also attend the meeting in person at the location listed above.

WRITTEN PUBLIC COMMENTS may be submitted in advance of the meeting. Written comments should be directed to the Director of Public Works Department at least 2 hours prior to the meeting by email at klundeen@ci.mequon.wi.us addressed to the intended committee. Written public comments may also be deposited in the drop box at City Hall at 11333 N. Cedarburg Road, Mequon, at least 2 hours prior to the meeting. Comments received timely will be forwarded to all members of the body for their consideration.

VERBAL PUBLIC COMMENTS and PUBLIC HEARING APPEARANCES will be accepted only from members of the public who register in advance if attending remotely. Registration shall be made by sending an email to Director of Public Works/City Engineer Kristen Lundeen at klundeen@ci.mequon.wi.us or by leaving a message at 262-236-2938 no later than 2 hours prior to the meeting. Those attending in person should register at the meeting.

Reasonable accommodations will be made for those citizens who are unable to attend the meeting in the methods identified above upon at least 2 hours' notice. Notice can be given to the City Clerk's Office at 262-236-2914.

AGENDA-AMENDED

- 1) Call to Order, Roll Call
- 2) Approval of Meeting Minutes
Action requested: review and approve
 - a. February 9, 2021 Minutes

3) Resolutions

Action requested: review and recommend approval

- a. **RESOLUTION 3842** A Resolution Approving a Policy Revision to the City of Mequon Inflow and Infiltration Reduction Program, and Authorizing Staff to Enter into a Funding Agreement with the Milwaukee Metropolitan Sewerage District
- b. **RESOLUTION 3843** A Resolution Awarding a Contract to R.A. Smith, Inc., Brookfield, Wisconsin, for Sanitary Sewer Project Inspection Services in the Amount of \$58,801
- c. **RESOLUTION 3844** A Resolution Awarding a Contract for Sanitary Sewer Rehabilitation Work in Various Locations to Visu-Sewer, Inc. of Pewaukee, Wisconsin in the Amount of \$189,186
- d. **RESOLUTION 3845** A Resolution Awarding a Contract for Replacement of a Sanitary Force Main in County Line Road to Globe Contractors Inc., Pewaukee, Wisconsin, in the Amount of \$405,684

4) Adjourn

Dated: May 11, 2021

/s/ John Wirth, Mayor

.....
Notice is hereby given that a quorum of other governmental bodies may be present at this meeting to present, discuss and/or gather information about a subject over which they have decision-making responsibility, although they will not take formal action thereto at this meeting.

Persons with disabilities requiring accommodations for attendance at this meeting should contact the City Clerk's Office at 262-236-2914, twenty-four (24) hours in advance of the meeting.

Any questions regarding this agenda may be directed to the City Administrator's Office at 262-236-2941, Monday through Friday, 8:00 AM – 4:30 PM



See Agenda Packet for
Login and Complete Packet Details
Mequon, WI 53092
Phone: 262-236-2934
Fax: 262-242-9655

www.ci.mequon.wi.us

Public Works/Engineering
Taped and Televised

SEWER UTILITY DISTRICT COMMISSION
Tuesday, February 9, 2021
7:30 PM
Virtual Meeting

Minutes

- 1) Call to Order, Roll Call
Commissioner Wirth called the meeting to order at 7:30PM.

Present:

Commissioner John Wirth
Commissioner Robert Strzelczyk
Commissioner Glenn Bushee
Commissioner Dale Mayr
Commissioner Jeffrey Hansher
Commissioner Mark Gierl
Commissioner Brian Parrish
Commissioner Kathleen Schneider
Commissioner Andrew Nerbun

Also present were City Administrator Jones, City Attorney Sajdak, Assistant City Administrator Schoenemann, Department of Public Works/City Engineer Lundeen, Deputy Director Of Utilities Driscoll, Finance Director Krueger, and Administrative Assistant Deuster.

- 2) Approval of Meeting Minutes

- a. December 08, 2020 Minutes

RESULT: **Approved [Unanimous]**
MOVED BY: Commissioner Schneider
SECONDED BY: Commissioner Mayr

AYES:	Wirth, Strzelczyk, Bushee, Mayr, Hansher, Gierl, Parrish, Schneider, Nerbun
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- 3) Resolutions

Action requested: review and recommend approval

- a. **RESOLUTION 3810** A Resolution Awarding the Following in Connection with Phase 3 Rehabilitation Work on the Mequon-Thiensville Sanitary Sewer Interceptor: A) A Contract for Cured-in-Place Lining to Insituform of Chesterfield, Missouri in the Amount of \$738,575; and B) A Contract for Inspection Services to Kapur and Associates, Inc. of Milwaukee, Wisconsin in the Amount of \$38,052

Commissioner Mayr inquired if this was a continuation or new?

Deputy Director of Utilities Driscoll confirmed it was a continuation of the previous two phases.

RESULT: **Approved [Unanimous]**

MOVED BY: Commissioner Nerbun

SECONDED BY: Commissioner Gierl

AYES: Wirth, Strzelczyk, Bushee, Mayr, Hansher, Gierl, Parrish, Schneider, Nerbun

- 4) Motion to Adjourn at 7:34 PM.

RESULT: **Approved by Voice Acclamation [Unanimous]**

MOVED BY: Commissioner Hansher

SECONDED BY: Commissioner Strzelczyk

AYES: Wirth, Strzelczyk, Bushee, Mayr, Hansher, Gierl, Parrish, Schneider, Nerbun

Respectfully Submitted,

Casey Deuster
Administrative Assistant



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www.ci.mequon.wi.us

Office of Sewer Utility District Commission

TO: Sewer Utility District Commission
FROM: Kevin Driscoll, Deputy Director of Utilities
DATE: April 23, 2021
SUBJECT: RESOLUTION 3842 A Resolution Approving a Policy Revision to the City of Mequon Inflow and Infiltration Reduction Program, and Authorizing Staff to Enter into a Funding Agreement with the Milwaukee Metropolitan Sewerage District

Background

In 2019, the Sewer Utility District Commission approved a priority list for sanitary sewer lateral work also known as Private Property Inflow and Infiltration (PPII) reduction. Sources of inflow include rooftop downspouts or sump pumps directly connected to sanitary laterals, and infiltration comes from groundwater leaking into the pipes underground. This sanitary sewer lateral work, in addition to other sanitary rehabilitation projects, collectively helps to improve the reliability of the sanitary sewer system and limit overflows during wet weather, a non-compliant event.

This sewer lateral work is eligible for reimbursement from the Milwaukee Metropolitan Sewerage District (MMSD). MMSD collects funding from City of Mequon property owners which is eligible for the Sewer Utility to use through this reimbursement program. The MMSD policy established this funding based on annual allocations from 2010-2020. The balance is \$2,168,892 and as outlined in the Statement of Policy, MMSD PPII Reduction Program, Mequon is required to complete the attached Statement of Intent and submit to the District no later than June 1, 2021. All funds not accounted for by this form by June 1, 2021, are considered to be surrendered. See Exhibit A for the February 2021 correspondence from MMSD.

This memo is intended to address two items:

- City Policy. Maximize participation by updating the City of Mequon policy consistent with eligible expenses that can be reimbursed by MMSD, based on its 2021-2030 policy.
- Funding Agreement. Enter into a Funding Agreement with MMSD to allocate funds for infiltration and inflow reduction projects that reduce wet weather impacts and avoid sanitary sewer overflow non-compliance.

Analysis

In 2015 the SUDC approved a PPII Pilot Program and in 2020 the policy was revised to add grouting in addition to cured-in-place pipe (CIPP) lining as rehabilitation methods. See Exhibit B for the City of Mequon Program Policy to Reduce Inflow and Infiltration from Private Property Sources. The proposed revisions are contained in Exhibit C and are summarized as follows:

1. *Inspections.* Encourage participation by including sump pump installations as an eligible expense. This is consistent with the MMSD policy to remove sources of inflow, which was not included in previous policies. A number of property owners have withdrawn or declined their volunteer participation in Mequon's program once recognizing sump pump installation is not an eligible expense under the City's policy. As a result, Clear Water Compliance Inspections were not completed.
2. *Performance Measures.* Add the percentage of participation as a performance measure.
3. *Rehabilitation Methods.* Clarify rehabilitation methods of lateral replacement to include open cut and pipe-bursting methods.
4. *Financial Incentive.* Factor in a material's life cycle when evaluating what cost is less. As deemed appropriate, a Professional Engineer may recommend lateral replacement by pipe-bursting with a 100-year life cycle in comparison to cured-in-place pipe (CIPP) lining with a 50-year life cycle, where the pipe-bursting unit price may cost marginally more than CIPP, depending on market conditions.

Fiscal Impact

In February 2021, the MMSD required municipalities to provide a statement of intent to commit PPII funds, rollover funds, transfer or surrender funds (Exhibit A). City staff proposes entering into a funding agreement with the MMSD in the amount of \$1,190,000, based on the 2019 priority report and as described in the attached in the Statement of Intent (SOI) included as Exhibit D. In the future, staff will incorporate the SOI as part of the annual budget process. Approval of this item includes the following allocation:

- **Commit \$600,000** for ME05: Implementation of ME04 in the Riverland Drive Lift Station "H" Area and Riverdale Park Lift Station "F" Area for 170 of 310 eligible parcels in Fall 2021-Spring 2022;
- **Commit \$90,000** for ME06: Investigation of I/I in the Lac du Cours Lift Station "M" Area for 180 parcels (Basins ME4008) in 2021-2022;
- **Commit \$500,000** for ME07: Investigation of I/I in the Ranch Road Lift Station "E" Area for 980 parcels (Basins ME4001, ME4002, ME4004) in 2021-2022;
- **Rollover \$978,892** for future work including ME08: Implementation of the ME06 & ME07 in 2022-2023.

Recommendation

Staff recommends adopting the resolution approving a policy revision to the City of Mequon Inflow and Infiltration Reduction Program, and authorizing staff to enter into a funding agreement with the Milwaukee Metropolitan Sewerage District. Approval avoids surrendering funds and updates the City's policy to maximize participation and options for eligible reimbursement, as this work is important to maintaining a reliable sanitary sewer system and reducing sanitary sewer overflows during wet weather events.

Attachments:

Exhibit A - Feb 2021_PPII Fund Balance and SOI Req'd (PDF)

Exhibit B - 2021 City of Mequon PPII Program Policy_DRAFT REVISION (PDF)

Exhibit C - 2021-05-12_Transmittal of SOI to MMSD (DRAFT) (PDF)

COMMON COUNCIL
OF THE
CITY OF MEQUON

RESOLUTION 3842

A Resolution Approving a Policy Revision to the City of Mequon Inflow and Infiltration Reduction Program, and Authorizing Staff to Enter into a Funding Agreement with the Milwaukee Metropolitan Sewerage District

RECITALS

A. The Milwaukee Metropolitan Sewerage District (MMSD) has determined that it may perform or fund work on private property to reduce inflow and infiltration (I/I) and thereby reduce operating costs, capital program expenditures, and reduce the risks of overflows and basement backups, which is generally within the authority provided by Wis. Stat. § 200.35.

B. The City of Mequon has the ability to use Milwaukee Metropolitan Sewerage District (MMSD) Private Property Inflow and Infiltration reimbursement funding to complete eligible work for sanitary sewer laterals in the public right-of-way and on private property.

C. On October 22, 2019, the City of Mequon approved a resolution adopting a Study Report that prioritized areas to implement additional Private Property Inflow and Infiltration reduction projects as part of the 2011-2020 MMSD funding cycle.

D. On January 14, 2020, the City of Mequon approved Resolution 3687 revising its Program Policy to Reduce Inflow and Infiltration from Private Property Sources, and the project initiated in Spring 2020.

E. On February 2, 2021, the City's available balance for sewer lateral work was \$2,168,892, and the 2021-2030 MMSD policy requires the City of Mequon to commit funds, rollover funds, transfer funds or surrender funds with a statement of intent each year. This resolution will:

1. Commit funds to work in the areas of Riverdale Park Lift Station "F" and Riverland Drive Lift Station "H" estimated in the amount of \$600,000 for implementation in Fall 2021 through Spring 2022.

2. Commit funds for sewer lateral investigative work in the Ranch Road Lift Station "E" Area and Lac du Cours Lift Station "M" Area is estimated in the amount of \$590,000 for cleaning and exams in Fall 2021 through Spring 2022.

3. Roll-over un-allocated funds in the amount of \$978,896 by June 1, 2022 for sewer lateral work in municipal priority areas, including but not limited to, Ranch Road Lift Station "E" and the Lac du Cours Lift Station "M".

F. The City of Mequon Program Policy to Reduce Inflow and Infiltration from Private Property Sources is modified as shown in the attached document to update eligible expenses for maximizing participation.

BASED UPON THE FOREGOING RECITALS, IT IS RESOLVED, by the Common Council of the City of Mequon, Wisconsin, that:

1. The Program Policy for Inflow and Infiltration Reduction from Private Property Sources be revised to maximize participation by including MMSD reimbursable options as City eligible expenses.

2. The Sewer Utility may enter into a Funding Agreement in the amount of \$1,190,000 with the Milwaukee Metropolitan Sewerage District to continue sewer lateral work under the 2021-2030 Policy and eligibility requirements in the areas of Riverdale Park Lift Station “F,” Riverland Drive Lift Station “H,” Ranch Road Lift Station “E,” and Lac du Cours Lift Station “M” subject to appropriate approvals.

3. The Statement of Intent be transmitted to the Milwaukee Metropolitan Sewerage District prior to June 1, 2021, that includes a rollover of funds in the amount of \$978,896 to be identified for allocation as part of the 2022 Sewer Utility Budget and transmitted to the MMSD by June 1, 2022.

Approved by: John Wirth, Mayor

Date Approved: May 11, 2021

I certify that the foregoing Resolution was adopted by the Common Council of the City of Mequon, Wisconsin, at a meeting held on May 11, 2021.

Caroline Fochs, City Clerk



Exhibit A

February 12, 2021

Mr. Kevin Driscoll P.E.
Deputy Director of Public Works
11333 N. Cedarburg Road
Mequon, WI, 530920000

Re: 2021 Private Property Infiltration and Inflow Program Funding, Municipality Statement of Intent

Mr. Driscoll,

As of February 1, Mequon has **\$2168892** available in your Municipal Funding Allocation Account (Account). The approved 2021 MMSD budget assigned \$ 0 to the Program for this year. Through the 2021 equalized value formula-based distribution of the District budget, Mequon is receiving \$0 of new program funding and has a roll over from the previous year of \$2168892 for a total of \$2168892. As outlined in the Statement of Policy, MMSD PPII Reduction Program, your municipality is required to complete the attached Statement of Intent and submit to the District no later than **June 1, 2021**.

The attached Statement of Intent form outlines the options you now have for the funds currently in your Account under the revised Policy. The form outlines four options that you may assign your available funds to depending on your eligibility. All municipalities may choose to Commit or Rollover the funds. Municipalities that meet the criteria listed in the form and detailed in the Policy regarding wet weather system performance may also choose to Transfer or Decline the funds. You may distribute the balance to one or more of the choices if applicable to your municipality. Any funds not assigned by choice will fall into a fifth category, Surrendered.

All funds not accounted for by this form by June 1, 2021, are considered Surrendered. All Surrendered funds will be pooled for a Competitive Application Process that makes the funding available on a competitive basis to other municipalities for PPII work.

Please contact me regarding any questions you may have at 414.225.2161 or jflogel@mmsd.com.

Sincerely,

Jerome Flogel, P.E.
Senior Project Manager II

Enc: Statement of Intent, Statement of Policy, PPII Calendar, 2010-2020 Balance Sheet
Cc:

Exhibit B

PROGRAM POLICY FOR PRIVATE PROPERTY INFLOW AND INFILTRATION REDUCTION

* * * * *

MEQUON, WISCONSIN

I. GENERAL

The City of Mequon has the ability to use Milwaukee Metropolitan Sewerage District (MMSD) Private Property Inflow and Infiltration reimbursement to complete eligible work on private property. By ordinance, the portion of the sanitary lateral in the public right of way (R.O.W.) is owned by the City of Mequon. The lateral rehabilitation program offered shall be voluntary and will include addressing problems in both public and private portions of the sanitary laterals.

II. PROCEDURES

1. **Televising and Inspection**

The City will offer lateral televising to all properties in the pre-determined area. This portion of the program will be offered as a larger neighborhood information program regarding televising, findings and suggested rehabilitation. The cost of the televising will be reimbursed by MMSD's PPI/I reimbursement fund.

The City will review the televising reports and develop individual rehabilitation methods to fix each specific lateral. Rehabilitation methods include, but are not limited to: lateral lining, grouting and lateral replacement with open cut relay or pipe-bursting methods. Based on the findings, the property owners will have the option to participate in the lateral rehabilitation portion of the program. A lateral condition report will be filed in the property file.

The property owner, by accepting the televising inspection, shall participate in a clear water compliance inspection on their property. The cost of the clear water compliance will be reimbursed by MMSD's PPI/I reimbursement fund. The clear water compliance report will be filed in the property file. Any illegal connections found in the clear water compliance inspection shall be repaired by the property owner within 60 days after receiving the findings letter.

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2. **Financial Incentive for Construction**

If lateral lining is deemed appropriate by the City, the City will pay the entire cost of lateral lining in the public right of way and on private property. The eligible expenses will be reimbursed to the City by MMSD's PPI/I reimbursement fund.

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If spot repairs of the lateral or if replacement of the entire lateral is deemed necessary, the City will pay the cost of spot repairs and replacement or spot repairs and lining.

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If lining or grouting is recommended and the property owner prefers replacement the property owner shall pay the difference between lining and replacement costs, as approved by the City. The lining or grouting cost will be reimbursed by MMSD's PPI/I reimbursement fund but the additional cost for replacement will not be reimbursed.

3. Performance Measures

The City will use the percentage of laterals fixed and the type of defects removed as a performance measure. The City will also determine the cost benefit ratio between the amount of I/I removed and the amount dollars spent. The metrics of laterals fixed, type of defects removed, the percentage of participants and the cost/benefit ratio will determine the success of the project and whether the City invests in subsequent projects.

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4. Information and Education

- a. **Pre-Project Letter** - An initial letter will be sent to the pre-determined area describing the project. An initial Public Information Meeting (PIM) will be scheduled. If property owners cannot make the PIM they will be able to set up an individual meeting with the Deputy Director of Utilities to explain the project.
- b. **Notice Regarding Televising** - Door hangers will be hung on affected properties 24-48 hours prior to televising work to notify property owners.
- c. **Findings and Pre-Construction Letter** - A findings letter and inspection report will be sent once inspection is complete. A second Public Information Meeting (PIM) will be scheduled to help property owners understand the findings and discuss the upcoming project. If property owners cannot make the PIM they will be able to set up an individual meeting with the Deputy Director of Utilities to explain the results and construction portion of the project.
- d. **Notice Regarding Construction** - Door hangers will be hung on affected properties 24-48 hours prior to construction work to notify property owners.
- e. **Final Letter** - A final letter with a final condition report will be sent to the property owner. The final condition report will also be filed in the property file.
- f. **Warranty Information**- A final condition report will be sent to the current property owner after the three year warranty period inspection.

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III. WORK SCHEDULE & WARRANTY

A property owner may choose to participate or not participate at any time during the project duration. Once the City determines that the contractor has reached substantial completion of the construction project, a property owner will no longer be eligible for the Municipal program.

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The work shall be warrantied for at least 3 years against workmanship and material defects. The three year period will be defined as 3 years after the date on the Certificate of Substantial Completion. The contractor, shall televise the laterals that were rehabilitated at the end of the three year period and a copy of that report shall be sent to the current property owners and filed in the property file.

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City of Mequon PPII Policy Created June 12, 2015; Revised January 14, 2020; Proposed Revision May 11, 2021



Exhibit C

11333 N. Cedarburg Rd 60W
 Mequon, WI 53092-1930
 Phone (262) 236-2934
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<http://www.ci.mequon.wi.us>

www.ci.mequon.wi.us

PUBLIC WORKS/ENGINEERING

May 13, 2021

Jerome Flogel, P.E.
 Milwaukee Metropolitan Sewerage District
 260 W. Seeboth Street
 Milwaukee, WI 53204

Subject: City of Mequon Private Property Inflow and Infiltration (PPI/I) Reduction
 Statement of Intent 2021-2022

Dear Mr. Flogel:

In response to your correspondence dated February 12, 2021, the required Statement of Intent is enclosed. This SOI outlines the distribution of the Municipal Funding Allocation to the City of Mequon in the amount of \$2,168,892, based on the 2019 PPII Study Report that prioritized areas for projects in Mequon:

- **Commit \$600,000** for ME05: Implementation of ME04 in the Riverland Drive Lift Station “H” Area and Riverdale Park Lift Station “F” Area for 170 of 310 eligible parcels in fall 2021 - spring 2022;
- **Commit \$90,000** for ME06: Investigation of I/I in the Lac du Cours Lift Station “M” area for 180 parcels (Basins ME4008) in 2021-2022; and
- **Commit \$500,000** for ME07: Investigation of I/I in the Ranch Road Lift Station “E” area for 980 parcels (Basins ME4001, ME4002, ME4004) in 2021-2022; and
- **Rollover \$978,892** for future work including ME08: Implementation of the ME06&07 in 2022-2023.

Originally, City staff’s intent was to commit funds based on bids from contractors, however given the schedule for the Contractor Registration process and Product Approval anticipated for completion this summer, that was not done prior to the June 1 deadline.

If you have any questions you can email at kdriscoll@ci.mequon.wi.us or call (262) 236-2937. We look forward to continuing sewer lateral work as it is an important aspect to maintaining the City’s sanitary sewer collection system and avoid non-compliant sanitary sewer overflows.

Thank you,

Kevin R. Driscoll, P.E.
 Deputy Director of Utilities

Enclosures

Cc: Kristen Lundeen, P.E. – City Engineer / Director of Public Works

G:\Project Folders\Digital Project Files\3566 Sanitary Sewer\O - Private Property Lateral Repair - Policy-Procedures\2021-2030\2021 Statement of Intent\2021-05-12_Transmittal of SOI.doc



2021 PPII Municipality Statement of Intent

Per Statement of Policy, MMSD PPII Reduction Program, on or before **June 1**, each municipality is required to submit a Statement of Intent declaring how they intend to assign their municipalities PPII funding which is not currently committed through a work plan or funding agreement. The municipality may distribute the unallocated balance across one or more of the four options listed below, contingent on your eligibility based on the criteria listed here within and detailed in the Policy. All funds that have not been otherwise assigned to one of the following categories, will be considered surrendered. Please complete this form and return electronically to the District prior to June 1, 2021.

Current Uncommitted Allocation Account Balance: \$
(Enter the value of your balance from your cover letter)

The total of the individual line items in the following four categories should add up to your total current uncommitted allocation account balance. All not assigned funds will be surrendered. Our municipality intends to:

- ☐ **Commit Funds** – We intend to commit \$_____ to a Work Plan(s) that will be submitted to the District no later than October 1, 2021.

We intend the work plan(s) will to be for (choose all applicable):

- | | |
|--|---|
| ☐ A planning report | ☐ An investigative report |
| ☐ Construction | ☐ Post Construction Evaluation |

While not required to submit a Work Plan at this time, do you currently have or plan to have any of the following completed in preparation for your proposed Work Plan.

- | | |
|--|---|
| ☐ Metering data, pump run time data, or other metric setting pre-work information | ☐ Right of Entry |
| ☐ Public outreach/communication complete | ☐ Planning |
| | ☐ Investigation Report |

- ☐ **Request to roll over funds** – We request to roll over \$_____. The maximum term for a rollover is one budget year. One year from now, you will be required to commit this rollover balance. You will not be able to roll over or transfer this amount next year. Any uncommitted balance of a roll over in the subsequent budget year will be surrendered.

Name:

Municipality:

Date:

Two additional options are available if your municipality meets the following requirements:

- a. Compliant with District Chapter 3 Rules; and
- b. Not subject to administrative compliance orders from any regulatory agency such as the WDNR or the USEPA; and
- c. No sub-meter sheds or local collection system legs that have wet-weather peak flows and create system operational challenges or have negative impacts to property owners; and
- d. No recurring sanitary sewer overflows or systemic basement backups occur; and
- e. No local sewers or pump stations surcharge or require by-pass pumping during wet weather; and
- f. No private properties in the Municipality have foundation drains that discharge to the sanitary sewer system; and
- g. Within reasonable methods of identification, no private properties in the Municipality have substantial contributions of clear water to the sanitary system due to deterioration and/or inflow, either individually or collectively; and
- h. Within reasonable methods of identification, illegal connections of clear water flow to the sanitary system have been identified and remediated.

☐ **Statement of Decline** – We request to **decline** \$_____. This is an explicit statement by the municipality that all or part of the current account balance is to be returned directly to the District general capital improvement budget making the funds NOT available for PPII work in other municipalities.

☐ **Transfer** – We request to transfer \$_____ to the following District program(s):

☐ Green Solutions \$

☐ Residential PPII \$
Program (Pipe Check)

Surrendered Funds – Any funding that is not committed to an approved Work Plan or accounted for by this form by **June 1**, are considered Surrendered. All Surrendered funds will be pooled for a Competitive Application Process that makes the funding available on a competitive basis to other municipalities for PPII work.

Value of Committed Funds:

Value of Surrendered Funds:

Name:

Municipality:

Date:



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Office of Sewer Utility District Commission

TO: Sewer Utility District Commission
FROM: Kevin Driscoll, Deputy Director of Utilities
DATE: April 29, 2021
SUBJECT: RESOLUTION 3843 A Resolution Awarding a Contract to R.A. Smith, Inc., Brookfield, Wisconsin, for Sanitary Sewer Project Inspection Services in the Amount of \$58,801

Background

Staff requested proposals for construction inspection and administrative services for two contract awards that are also appearing on the Common Council's meeting agenda for May 11, 2021. These include the County Line Road Sanitary Lift Station "Q" Force Main Replacement Project to replace cast iron main with HDPE by directional drilling, and rehabilitation grouting and cured-in-place lining in various locations. Both projects are scheduled to begin this summer and be completed by later this fall.

As required per Milwaukee Metropolitan Sewer District Rule 2.404 for serviced municipalities: during construction, governmental units shall inspect every sewer and ensure that inspectors have sufficient qualifications and use effective inspection procedures and record-keeping forms. In addition to inspection services, construction administration services also provide the City with sewer as-built records, as surveyed by the inspection crew. In the past, consultant inspection services have been used in connection with the East Trunk Sewer project, Mequon-Thiensville Interceptor rehabilitation work, the rehabilitation of sanitary mains along I-43, the Parkview Drive Sanitary Lift Station "B" project, among others.

Analysis

Consistent with the City's procurement policy, five qualified consultant firms with certified inspectors were sent requests for proposals for 65 working days. Due to the busy construction season in the region, only two of the firms responded, as summarized below.

Project / Firm	Total
R.A. Smith	\$58,801
Ruekert Mielke	\$60,840

Based on previous project experience, these rates are consistent with expected costs, where 520 hours equates to approximately \$113 per hour. In addition, the Ruekert Mielke proposal was incomplete due to not providing requested services. It did not include pricing for cured-in-place (CIPP) sample collection and analysis/review of post-construction exam videos.

Fiscal Impact

The cost of the construction inspection and administrative services to observe sewer work is \$58,801 on a time-and-materials basis, as indicated in Exhibit A. The work will be billed based on the actual time performing inspection work as otherwise requested by the City.

Recommendation

Staff recommends that the Sanitary Utility District Commission favorably endorse, and the Common Council approve the resolution awarding the construction inspection and administrative services contract to R.A. Smith, Inc. of Brookfield, Wisconsin in the amount of \$58,801.

Attachments:

Exhibit A - Mequon Sewer Inspections (PDF)

COMMON COUNCIL
OF THE
CITY OF MEQUON

RESOLUTION 3843

A Resolution Awarding a Contract to R.A. Smith, Inc., Brookfield, Wisconsin, for Sanitary
Sewer Project Inspection Services in the Amount of \$58,801

RECITALS

A. A number of capital improvement projects were identified as part of the FY2021 Sanitary Sewer budget adopted by the Common Council on October 27, 2020.

B. These projects are critical to the City's sanitary sewer operations.

C. City staff requested proposals, consistent with the procurement policy, from five qualified consultant firms with certified inspectors, for the inspection of various planned sanitary sewer projects during 2021.

D. City staff recommends that construction inspection and administrative services for sewer rehabilitation work in various locations and in connection with the County Line Road Lift Station "Q" Sanitary Force Main Replacement Project be awarded to R.A. Smith, Inc. of Brookfield, Wisconsin in the amount of \$58,801.

E. The FY2021 Sanitary Utility Capital Improvement Budget established adequate funds in account 610669-740003 for the County Line Road Sanitary Lift Station "Q" Force Main Replacement Project and in account 610669-740001 for sanitary sewer rehabilitation work in various other locations.

F. The Sewer Utility District Commission at its meeting on May 11, 2021 endorsed staff's recommendations.

BASED UPON THE FOREGOING RECITALS, IT IS RESOLVED by the Common Council of the City of Mequon, Wisconsin that:

1. The sanitary sewer inspection contract is awarded to R.A. Smith, Inc. of Brookfield, Wisconsin in the amount of \$58,801, subject to any clerical, technical and/or legal changes deemed necessary and appropriate by the City Attorney.

2. The Mayor and the City Clerk are authorized and directed to execute and deliver the same.

Approved by: John Wirth, Mayor

Date Approved: May 11, 2021

I certify that the foregoing Resolution was adopted by the Common Council of the City of Mequon, Wisconsin, at a meeting held on May 11, 2021.

Caroline Fochs, City Clerk

Fee Schedule

Table 2: Inspection and Construction Services Fees to Complete the Sewer Rehabilitation Project

Task Description 3804-21	Fee
1A — Meetings (2) - Pre-con and 1 Monthly Meeting	\$1257.60
2A — Review of Submittals and RFIs per Contract Document	\$772
3A — Construction Inspection Services (20 days)	\$14,485
4A — Construction Administrative Services (Includes Coordination of Laboratory Analysis and Reporting)	\$2,394
Expenses	\$500
Total (3804-21 CIPP Grouting and Lining Inspection)	\$19,408.60

Table 3: Inspection and Construction Inspection Services Fees to Complete the Force Main Replacement Project

Task Description 3583-21-Q	Fee
1B — Meetings (3) - Pre-con and 2 Monthly Meetings	\$1,886.40
2B — Review of Submittals and RFIs per Contract Document	\$772
3B — Construction Inspection Services (45 days)	\$ 32,591
4B — Construction Administrative Services	\$2,394
5B — As-Built Record Drawings	\$1,248
Expenses	\$500
Total (3583-21-Q FM Replacement)	\$39,391.40

Consulting Staff	Fees
Pat Zimmer / Construction Manager	\$8,160
Resident Inspector	\$48,392
Engineering Technician	\$1,248
Expenses	\$1,000

Assume 65 days of work at eight hours per day for inspection activities.



11333 N. Cedarburg Road
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Office of Sewer Utility District Commission

TO: Sewer Utility District Commission
FROM: Kevin Driscoll, Deputy Director of Utilities
DATE: April 22, 2021
SUBJECT: RESOLUTION 3844 A Resolution Awarding a Contract for Sanitary Sewer Rehabilitation Work in Various Locations to Visu-Sewer, Inc. of Pewaukee, Wisconsin in the Amount of \$189,186

Background

The 2021 Sanitary Sewer budget adopted on October 27, 2020 included funding for gravity sewer work. Most of the work is a continuation of previous years' improvements and upgrades to the City's sanitary sewers as pipes age and deteriorate. The City's sewer maintenance crew performs routine cleaning and inspection examinations to prioritize work. In 2020, design study reports were completed following exams and over 3,200 feet of deteriorated pipe with structural defects such as cracks and fractures, and infiltration, were identified for rehabilitation.

This sanitary sewer rehabilitation project includes the installation of:

- 2,452 feet of cured-in-place pipe (CIPP) lining along Country Club Drive for existing sanitary sewers of 8-inch diameter concrete pipe that were built in 1965;
- 363 feet of CIPP lining along Cedarburg Road for 363 feet of 15-inch diameter sanitary sewer built in 1930;
- 388 feet of CIPP lining along an easement west of Port Washington Road south of Glen Oaks Lane for sanitary sewers of 24-inch diameter sanitary sewer built in 1969.

Analysis

The Sanitary Sewer Rehabilitation project work listed above will avoid more costly open cut for sanitary sewer relays and maintains essential infrastructure to the North Shore Estates subdivision near Donges Bay Road, in addition to the service areas along Port Washington and Cedarburg Roads. Notification to bidders was advertised in the *News Graphic* and distributed to interested firms. Staff received three bids for this project as follows:

Contractor	Bid Price
Visu-Sewer, Inc.	\$189,186
Michels Pipeline Services	\$192,268
InsituForm Technologies USA, LLC	\$301,708

All three contractors have satisfactorily completed over 1,000,000 feet of cured-in-place lining work and met the City's pre-qualification criteria.

Fiscal Impact

Funding for Sanitary Sewer Rehabilitation work is available as a part of the gravity sewer fund account, as \$500,000 was allocated per the 2021 budget, in addition to the funds that were previously transferred from closed project accounts. The account has sufficient funds to cover the costs of the rehabilitation work and planned inspection services associated with this effort.

Recommendation

It is staff's recommendation that the Sanitary Utility District Commission favorably endorse, and the Common Council approve this Resolution, which authorizes staff to execute a contract with Visu-Sewer, Inc. of Pewaukee, Wisconsin of \$189,186 for the City's 2021 sanitary sewer rehabilitation work.

Attachments:

Exhibit A - Bid Opening Summary (3804-21) (PDF)

Exhibit B - Bid Opening Details (3804-21) (PDF)

COMMON COUNCIL
OF THE
CITY OF MEQUON

RESOLUTION 3844

A Resolution Awarding a Contract for Sanitary Sewer Rehabilitation Work in Various Locations to Visu-Sewer, Inc. of Pewaukee, Wisconsin in the Amount of \$189,186

RECITALS

A. The Gravity Sewer Fund has been established for repair and rehabilitation work and funding allocated as part of the FY2021 Sanitary Sewer budget adopted by the Common Council on October 28, 2020.

B. This work is critical to the operation of the City's sanitary sewer system.

C. City staff has received and evaluated bids for sanitary sewer rehabilitation work.

D. City staff recommends that the sanitary sewer lining project be awarded to Visu-Sewer, Inc. in the amount of \$189,186.

E. The Capital Account Gravity Sewer Fund 610669-740001 has a sufficient balance to fund this project.

F. The Sewer Utility District Commission at its meeting on May 11, 2021 endorsed staff's recommendations.

BASED UPON THE FOREGOING RECITALS, IT IS RESOLVED by the Common Council of the City of Mequon, Wisconsin that:

1. The Agreement for 2021 Sanitary Sewer Rehabilitation Work in Various Locations, as let for bid, is approved and awarded to Visu-Sewer Inc. of Pewaukee, Wisconsin, in the amount of \$189,186, subject to any clerical, technical and/or legal changes deemed necessary and appropriate by the City Attorney.

2. The Mayor and the City Clerk are authorized and directed to execute and deliver the same.

Approved by: John Wirth, Mayor

Date Approved: May 11, 2021

I certify that the foregoing Resolution was adopted by the Common Council of the City of Mequon, Wisconsin, at a meeting held on May 11, 2021.

Caroline Fochs, City Clerk



11333 N. Cedarburg Road, 60W
Mequon, Wisconsin 53092

CITY OF MEQUON WISCONSIN

BIDS RECEIVED FOR: Contract No. 3804-21 2021 Sanitary Sewer Rehabilitation Project in Various Location

BID OPENING: 4/22/2021 2:00 PM
DATE TIME

BIDDER	BASE BID	BID BOND	ADDENDUM		Qualifications	
			No. 1	No. 2	General	Project
Visu-Sewer	\$189,185.25	x	x	x	x	x
Michels	\$192,267.50	x	x	x	x	x
InsituForm	\$301,709.90	x	x	x	x	x

Contract #3804-21 Sanitary Sewer Rehabilitation Project in Various Locations

ITEM NUMBER	BID ITEMS	UNIT	EST.	Michels		InsituForm		Visu Sewer	
			QUANTITY						
1	8-inch dia. sanitary sewer cured-in-place-pipe lining in Country Club Drive	LF	2,452	\$22.00	\$53,944.00	\$34.90	\$85,574.80	\$20.75	\$50,879.00
2	Temporary Sanitary Bypass of 8-inch dia. Sanitary sewer in Country Club Drive	LS	1	\$500.00	\$500.00	\$2,303.40	\$2,303.40	\$100.00	\$100.00
3	15-inch dia. sanitary sewer cured-in-place-pipe lining in Cedarburg Road	LF	363	\$50.00	\$18,150.00	\$64.20	\$23,304.60	\$45.75	\$16,607.25
4	Temporary Sanitary Bypass of 15-inch dia. Sanitary sewer in Cedarburg Road	LS	1	\$1,000.00	\$1,000.00	\$3,011.70	\$3,011.70	\$50.00	\$50.00
5	24-inch dia. sanitary sewer cured-in-place-pipe lining in Easement west of Port Washington Rd	LF	388	\$80.00	\$31,040.00	\$137.20	\$53,233.60	\$116.50	\$45,202.00
6	Temporary Sanitary Bypass of 24-inch dia. Sanitary sewer in Easement	LS	1	\$8,000.00	\$8,000.00	\$2,258.80	\$2,258.80	\$300.00	\$300.00
7	Temperature Sensor Monitoring and Report	LF	388	\$2.00	\$776.00	\$3.50	\$1,358.00	\$2.00	\$776.00
8	Collect CIPP Samples and Complete Test Reports	EA	5	\$200.00	\$1,000.00	\$284.50	\$1,422.50	\$150.00	\$750.00
9	Reinstate Sanitary Lateral	EA	13	\$55.00	\$715.00	\$77.70	\$1,010.10	\$75.00	\$975.00
10	Grout Sanitary Main up to 5 gallons	GAL	150	\$10.50	\$1,575.00	\$47.10	\$7,065.00	\$200.00	\$30,000.00
11	Additional Main Grout (beyond 5 gals)	GAL	100	\$10.50	\$1,050.00	\$15.70	\$1,570.00	\$10.00	\$1,000.00
12	Grout Sanitary Laterals within ROW (up to 5 gallons per each Lateral)	GAL	65	\$10.50	\$682.50	\$523.40	\$34,021.00	\$78.20	\$5,083.00
13	Additional Lateral Grout within ROW (beyond 5 gals)	GAL	65	\$10.50	\$682.50	\$15.70	\$1,020.50	\$10.00	\$650.00
14	Air Test at Grouting Locations 18-inch dia. sanitary CIPP lining	Each	32	\$735.00	\$23,520.00	\$366.40	\$11,724.80	\$290.00	\$9,280.00
15	Clean and Examine Sanitary Sewer Main Pre-installation CCTV	LF	3,203	\$5.00	\$16,015.00	\$12.10	\$38,756.30	\$2.00	\$6,406.00
16	Post-construction CCTV, including first segment downstream of CIPP lining work	LF	3,947	\$2.50	\$9,867.50	\$3.50	\$13,814.50	\$1.00	\$3,947.00
17	Allowance for 8-inch dia. sanitary sewer spot repair, class "C" bedding	LF	10	\$250.00	\$2,500.00	\$250.00	\$2,500.00	\$250.00	\$2,500.00
18	Allowance for 15-inch dia. sanitary sewer spot repair, class "C" bedding	LF	10	\$350.00	\$3,500.00	\$350.00	\$3,500.00	\$350.00	\$3,500.00
19	Allowance for 24-inch dia. sanitary sewer spot repair, class "C" bedding	LF	10	\$500.00	\$5,000.00	\$500.00	\$5,000.00	\$500.00	\$5,000.00
20	Pavement Restoration (Asphalt) sanitary CIPP lining	SY	10	\$50.00	\$500.00	\$261.70	\$2,617.00	\$107.00	\$1,070.00
21	Surface Restoration (Shoulder) sanitary CIPP lining	Linear Feet	10	\$50.00	\$500.00	\$99.40	\$994.00	\$80.50	\$805.00
22	Surface Restoration (Sod)	Linear Feet	10	\$5.00	\$50.00	\$120.40	\$1,204.00	\$80.50	\$805.00
23	Traffic Control, WisDOT LCS Permit for STH 57 and Ozaukee County Permit for CTH W sanitary CIPP lining	LS	1	\$11,700.00	\$11,700.00	\$4,445.30	\$4,445.30	\$3,500.00	\$3,500.00
Total Base Bid					\$192,267.50		\$301,709.90		\$189,185.25

Attachment: Exhibit B - Bid Opening Details (3804-21) (RESOLUTION 3844 : Awarding a Contract for



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Office of Sewer Utility District Commission

TO: Sewer Utility District Commission
FROM: Kevin Driscoll, Deputy Director of Utilities
DATE: April 29, 2021
SUBJECT: RESOLUTION 3845 A Resolution Awarding a Contract for Replacement of a Sanitary Force Main in County Line Road to Globe Contractors Inc., Pewaukee, Wisconsin, in the Amount of \$405,684

Background

The 2021 Sanitary Sewer budget adopted on October 27, 2020 included funding for gravity sewer work. Most of the work is a continuation of previous years' improvements to the Utility's sanitary sewers as pipes age and deteriorate. This lift station project at 5600 West County Line Road, known as the 'Lift Station "Q" Sanitary Force Main Replacement Project' will replace the 1,430 feet of the 6-inch diameter cast iron force main built in 1966. The cast iron force mains have records of failure due to corrosion, and the Utility is systematically evaluating condition, and replacing cast iron piping due to age and deterioration. The Lift Station "Q" Sanitary Force Main Replacement project is intended to address the infrastructure condition of the sanitary sewer system, and to avoid future force main breaks that results in a sanitary sewer overflow, a non-compliant event.

Analysis

The Lift Station "Q" Sanitary Force Main Replacement Project is essential to the area along County Line Road west of the Wisconsin Central Limited Railroad. The replacement of the force main will be by directional drilling, which reduces the amount of open cutting and pavement replacement. This method has been successful on previous force main replacement projects. However, excavation will be required to jack and bore the pipe underneath the railroad, where flaggers will be present at the railroad, and a detour is planned during construction. In addition to the project information on the City's Utility Projects webpage, staff will send notification letters to respective businesses and property owners in the vicinity of this work. Also, this detour plan was prepared in coordination with the Village of Brown Deer, due the shared jurisdiction of County Line Road.

The project was publicly noticed, and staff received bids for the Lift Station "Q" Force Main Replacement project. The base bids are as follows:

Contractor	Bid Price
Globe Contractors, Inc.	\$405,684
Vinton Construction Company	\$415,588
Mid-City Corp	\$616,400

The bid summary is shown in Exhibit A. The difference between the bid prices is due to variations in the unit prices bid for the temporary flow control/bypass pumping, site restoration and sanitary sewer force main replacement by directional drilling. While the project is under construction, temporary flow control/bypass pumping is required and the contractor is responsible for the means and methods, such as trucking or temporary overland piping.

Fiscal Impact

Funding for the Lift Station "Q" Sanitary Force Main Replacement Project is available in Force Main Account 610669-740003. The itemized unit prices are shown in Exhibit B.

Recommendation

It is staff's recommendation that the Sanitary Utility District Commission favorably endorse, and the Common Council approve this resolution which authorizes staff to execute a contract with Globe Contractors, Inc. of Pewaukee, Wisconsin in the amount of \$405,684 for the replacement of the County Line Road Lift Station "Q" Sanitary Force Main.

Attachments:

Exhibit A - Bid Opening Summary (3583-21-Q) (PDF)

Exhibit B - Bid Opening Detail (3583-21-Q) (PDF)

COMMON COUNCIL
OF THE
CITY OF MEQUON

RESOLUTION 3845

A Resolution Awarding a Contract for Replacement of a Sanitary Force Main in County Line Road to Globe Contractors Inc., Pewaukee, Wisconsin, in the Amount of \$405,684

RECITALS

A. A number of capital improvement projects were identified as part of the FY2021 Sanitary Sewer Budget adopted by the Common Council on October 27, 2020.

B. These projects are essential to the operation of the City's sanitary sewer system.

C. The City of Mequon Department of Public Works Engineering Division has advertised and received bids for the County Line Lift Station "Q" Sanitary Force Main Replacement Project.

D. Staff has received and reviewed the various bids and contractor qualifications for the contracts.

E. Staff recommends that the County Line Road Lift Station "Q" Sanitary Force Main Replacement Project be awarded to the low bidder, Globe Contractors, Inc. of Pewaukee, Wisconsin, for a total cost of \$405,684.

F. The Capital Account 611610-740003 has sufficient balance to fund this project.

G. The Sanitary Utility District Commission at its meeting on May 11, 2021 approved a recommendation of approving the contract award, as recommended by City staff.

BASED UPON THE FOREGOING RECITALS, IT IS RESOLVED by the Common Council of the City of Mequon, Wisconsin that:

1. The Agreement for the County Line Road Lift Station "Q" Sanitary Force Main Replacement Project, as let for bid, is approved and awarded to Globe Contractors, Inc. of Pewaukee, Wisconsin, in the amount of \$405,684, subject to any clerical, technical and/or legal changes deemed necessary and appropriate by the City Attorney.

2. The Mayor and the City Clerk are authorized and directed to execute and deliver the same.

Approved by: John Wirth, Mayor

Date Approved: May 11, 2021

I certify that the foregoing Resolution was adopted by the Common Council of the City of Mequon, Wisconsin, at a meeting held on May 11, 2021.

Caroline Fochs, City Clerk



11333 N. Cedarburg Road, 60W
Mequon, Wisconsin 53092

**CITY OF MEQUON
WISCONSIN**

**BIDS RECEIVED FOR: Contract No. 3583-21
County Line Road Lift Station "Q" Sanitary Force Main Replacement**

BID OPENING: **4/29/2021** **2:00 PM**
DATE TIME

BIDDER	PRE-QUAL	Addendum		BID BOND	BASE BID (Directional Drill)	ALT BID (pipeburst)
		No. 1	No. 2			
Globe Contractors, Inc	X	X	X	X	\$405,684.00	\$689,470.00
Mid-City Corporation	X	X	X	X	\$616,400.00	N/A
Vinton Construction Company	X	X	X	X	\$415,588.00	\$423,189.00

Contract NO. 3583-21-Q County Line Road Lift Station "Q" Sanitary Force Main Replacement

ITEM NUMBER	BID ITEMS	UNIT	EST.	S	Globe		Mid-City		Vinton	
			QUANTITY							
1A	Sanitary Sewer Lift Station Q – 6-Inch Diameter Sanitary Force Main Directional Drilling	Linear feet	1,090		\$146.00	\$159,140.00	\$155.00	\$168,950.00	\$114.00	\$124,260.00
2A	Sanitary Sewer Lift Station Q – 6-Inch Diameter Sanitary Force Main Open Cut	Linear feet	194		\$146.00	\$28,324.00	\$300.00	\$58,200.00	\$188.00	\$36,472.00
3A	Sanitary Sewer Lift Station Q Bypass for Directional Drilling	Lump Sum	1		\$25,000.00	\$25,000.00	\$10,000.00	\$10,000.00	\$6,500.00	\$6,500.00
4A	Site Restoration for Directional Drilling, Base and Asphalt Pavement Restoration	Lump Sum	1		\$45,000.00	\$45,000.00	\$65,000.00	\$65,000.00	\$38,000.00	\$38,000.00
5	Jack & Bored Steel Casing 18-Inch (0.312" Thick) with Sanitary Sewer	Linear Feet	144		\$780.00	\$112,320.00	\$1,750.00	\$252,000.00	\$774.00	\$111,456.00
6	Sanitary Manhole 4-FT Dia. With Outside Drop	Vertical Feet	11		\$1,000.00	\$11,000.00	\$950.00	\$10,450.00	\$770.00	\$8,470.00
7	Traffic Control - Project	LS	1		\$20,000.00	\$20,000.00	\$42,000.00	\$42,000.00	\$87,000.00	\$87,000.00
8	Traffic Control PCMS	DAY	98		\$50.00	\$4,900.00	\$100.00	\$9,800.00	\$35.00	\$3,430.00
Total Base Bid Items 1A through 8:					\$405,684.00		\$616,400.00		\$415,588.00	
1B	Sanitary Sewer Lift Station Q – 6-Inch Diameter Sanitary Force Main Pipe Bursting	Linear feet	895		\$250.00	\$223,750.00			\$97.00	\$86,815.00
2B	Sanitary Sewer Lift Station Q – 6-Inch Diameter Sanitary Force Main Open Cut	Lump Sum	386		\$250.00	\$96,500.00			\$203.00	\$78,358.00
3B	Sanitary Sewer Lift Station Q Bypass for Pipebursting	Each	1		\$126,000.00	\$126,000.00			\$8,460.00	\$8,460.00
4B	Site Restoration for Pipe Bursting, Base and Asphalt Pavement Restoration	Linear feet	1		\$75,000.00	\$75,000.00			\$39,200.00	\$39,200.00
5	Jack & Bored Steel Casing 18-Inch (0.312" Thick) with Sanitary Sewer	Linear Feet	144		\$780.00	\$112,320.00			\$774.00	\$111,456.00
6	Sanitary Manhole 4-FT Dia. With Outside Drop	Square Yards	11		\$1,000.00	\$11,000.00			\$770.00	\$8,470.00
7	Traffic Control - Project	LS	1		\$40,000.00	\$40,000.00			\$87,000.00	\$87,000.00
8	Traffic Control PCMS	DAY	98		\$50.00	\$4,900.00			\$35.00	\$3,430.00
Total Alternate Bid Items 1B through 8:					\$689,470.00		NO BID		\$423,189.00	

Attachment: Exhibit B - Bid Opening Detail (3583-21-Q) (RESOLUTION 3845 : Awarding a Contract for