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# CITY OF TONKA BAY ITEM NO. 9A

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## Memorandum

**To:** *Honorable Mayor, City Council, and Staff  
c/o Joe Kohlmann, City Administrator*

**From:** *Justin Messner, PE  
Tonka Bay City Engineer*

**Date:** *April 1, 2014*

**Re:** *Approve Plans and Specifications and Ordering Advertisement for Bids  
2014 Sanitary Sewer Improvement Project  
Tonka Bay, MN  
WSB Project No. 01987-13*

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### Background Information:

The proposed 2014 Sanitary Sewer Pipe Lining Project consists of lining 1,020 lineal feet of 8-inch clay tile pipe with a cured-in-placed epoxy resin pipe liner. City Staff is proposing to bid the project with the City of Excelsior's annual sewer lining project. The City of Excelsior will administer the construction contract. We anticipate opening bids on or near May 13, 2014 and bringing the bid results to Council on May 26, 2014 for approval.

- **Advantages**  
Sanitary sewer lining restores the structural integrity of the sewer pipe and eliminates ground water for entering the system which can reduce pipe capacity and result in unnecessary sewer treatment charges.
- **Disadvantages**  
There are costs associated with the improvement.

### Financial/Budget Impacts:

The estimated project cost is **\$30,500**.

- **Funding Sources**  
Potential funding sources for the project are the City's sanitary sewer utility fund.
- **Long-Term & Short-Term Costs**  
The proposed project will reduce the need for annual sewer replacements by restoring the pipe structure. Long-term costs will continue to include regular sewer maintenance and cleaning to ensure the system is in proper working order.

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c/o Joe Kohlmann, City Administrator  
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**Requested Action:**

Accept the plans and specifications and authorize the advertisement for bids for the 2014 Sanitary Sewer Pipe Lining Project.

**Staff Recommendation:**

Staff is recommending the City Council accept the plans and specifications and authorize the advertisement of bid for the 2014 Sanitary Sewer Pipe Lining Project. I will be present at your April 8, 2014 City Council Meeting to answer any questions you may have on this issue, or please call me at 651-286-8465.

**Voting Requirements:**

A simple majority of the Council Members present is required to take action on the matter.

**Attachments:**

1. Copy of the Plans
2. Resolution accepting the plans and specifications and authorizing the advertisement for bids for the 2014 Sanitary Sewer Pipe Lining Project.

## Opinion of Probable Cost

*WSB Project:* Sanitary Sewer Improvement Project  
*Project Location:* City of Excelsior, City of Tonka Bay  
*City Project No.:*  
*WSB Project No:* 02073-22

*Design By:* BJP  
*Checked By:* JGM

*Date:* 3/12/2014

Item No.	MN/DOT Specification No.	Description	Unit	Estimated Total Quantity	Estimated Unit Price	Estimated Total Cost
<b>A. EXCELSIOR SEWER LINING</b>						
1	2021.501	MOBILIZATION	LUMP SUM	1	\$7,000.00	\$7,000.00
2	2503.603	8" CURED-IN-PLACE PIPE SYSTEM	LIN FT	4,564	\$24.00	\$109,536.00
3	2503.603	12" CURED-IN-PLACE PIPE SYSTEM	LIN FT	784	\$35.00	\$27,440.00
4	2563.601	TRAFFIC CONTROL	LUMP SUM	1	\$5,000.00	\$5,000.00
SUBTOTAL SCHEDULE A - EXCELSIOR SEWER LINING						<b>\$148,976.00</b>
+5% CONTINGENCIES						<b>\$7,500.00</b>
<b>SUBTOTAL SCHEDULE A - EXCELSIOR SEWER LINING</b>						<b>\$156,476.00</b>
<b>B. TONKA BAY SEWER LINING</b>						
1	2021.501	MOBILIZATION	LUMP SUM	1	\$3,000.00	\$3,000.00
2	2503.603	8" CURED-IN-PLACE PIPE SYSTEM	LIN FT	1,020	\$24.00	\$24,480.00
3	2563.601	TRAFFIC CONTROL	LUMP SUM	1	\$1,500.00	\$1,500.00
SUBTOTAL SCHEDULE B - TONKA BAY SEWER LINING						<b>\$28,980.00</b>
+5% CONTINGENCIES						<b>\$1,500.00</b>
<b>SUBTOTAL SCHEDULE B - TONKA BAY SEWER LINING</b>						<b>\$30,480.00</b>

**RESOLUTION 14-07**

**A RESOLUTION ACCEPTING THE  
2013 SANITARY SEWER IMPROVEMENT PROJECT PLANS AND  
SPECIFICATIONS AND ORDERING ADVERTISEMENT FOR BIDS**

**WHEREAS**, the engineering firm of WSB & Associates, Inc. has prepared plans and specifications for the 2013 sanitary sewer lining project that is associated with the MCES I/I reduction grant.

**NOW, THEREFORE, BE IT RESOLVED**, by the City Council of the City of Tonka Bay:

1. Such improvements are necessary, cost-effective, and feasible.
2. Such plans and specifications are hereby approved.
3. The consulting engineering firm shall prepare and cause to be inserted in the official paper and in the Finance and Commerce, an advertisement for bids upon the making of such improvements under such approved plans and specifications. The advertisement shall be published for two times, shall specify the work to be done, shall state that bids will be opened on or about April 9, 2013, and bids will be considered by the City Council. Any bidder whose responsibility is questioned during consideration of the bid will be given an opportunity to address the Council on the issue of responsibility. No bids will be considered unless sealed and filed with the Clerk and accompanied by a cash deposit, cashier's check, bid bond, or certified check payable to the City of Tonka Bay for Five (5%) percent of the amount of such bid.

**PASSED AT A REGULAR MEETING** of the Tonka Bay City Council this day of February 26, 2013.

Motion introduced by \_\_\_\_\_ and seconded by \_\_\_\_\_.

Roll call vote:

Ayes –

Nays –

Absent –

\_\_\_\_\_  
Gerry De La Vega, Mayor

ATTEST:

\_\_\_\_\_  
Joseph Kohlmann, Clerk/Administrator