

July 12, 2021

Report To: Mayor and Council

From: Travis Rob, Manager of Operations and Facilities

**RE: Award of Tender 21-OF-09 Trenchless watermain relining**

The Town of Fort Frances advertised a tender on June 23, 2021 to complete a class 3 semi structural or class 4 structural watermain relining of two 250mm diameter watermain under the CN Tracks, one at the Wright Avenue Right of Way and the other at the Keating Avenue Right of Way. This was the second tender for this work as the first tender was closed with no bids received.

Tenders were opened on July 6, 2021 at 2:00pm in the Civic Centre Committee Room with public participation via Teams. One bid was received by Fer Pal Construction Ltd. Of Toronto, ON. Total tender price for the works which included the cleaning, CCTV inspection, Lining, Pressure Testing of the main sections plus provisionary installation of internal repair clamps and post installation chlorination was \$256,375.00 plus applicable taxes. A Full breakdown of tender prices is included below.

ITEM NO.	DESCRIPTION	UNIT	QUANTITY	UNIT PRICE (\$)	AMOUNT (\$)
<b>1</b>	<b>GENERAL</b>				
1.1	Mobilization and Demobilization	L.S.	1	\$ 45,875.00	\$45,875.00
1.2	Bonding and Insurance	L.S.	1	\$ 10,000.00	\$10,000.00
<b>2</b>	<b>LINING</b>				
2.1	250 Ø Minimum AWWA class III structural liner on <b>Wright Ave. ROW</b> from 4 <sup>th</sup> Street to 5 <sup>th</sup> Street	m	110	\$ 750.00	\$82,500.00
2.2	250 Ø Minimum AWWA class III structural liner on <b>Keating Ave. ROW</b> from 4 <sup>th</sup> Street ROW to 5 <sup>th</sup> Street.	m	114	\$ 750.00	\$85,500.00
2.3*	Installation of 250 Ø internal repair clamp prior to installation of the liner	L.S.	5	\$ 5,500.00	\$27,500.00
2.4*	Completing the chlorination of the newly lined main before being put back in service	L.S.	2	\$ 2,500.00	\$ 5,000.00

**Subtotal** \$ 256,375.00

**HST** \$ 33,328.75

**TOTAL TENDER PRICE \$ 289,703.75**

The Town of Fort Frances included a total of \$227,267 in the 2021 capital budget based on preliminary cost estimations from other industry professionals. This price includes \$40,000.00 for labour and materials for the setup of the access pits, replacement of the existing valves and closing of the access pits and landscaping. This means that currently the total project costs will be \$300,887.20 including the Town's portion of HST resulting in a budget shortfall of \$73,620.20. These mains are at or near end of useful life and cross the rail yard. The impacts of a failure of either of these lines on the CN operations is substantial.

It is the recommendation of the Operations and Facilities Executive Committee that:

1. Tender 21-OF-09 be awarded to Fer Pal Construction Ltd. For a total Tender Price of \$256,375.00 plus applicable taxes.
2. That the budget shortfall be funded from the Water and Sewer Reserve Fund

Respectfully Submitted



Travis Rob, P.Eng  
Manager of Operations and Facilities

**Council approval of this report will agree with the recommendation of the Operations and Facilities Executive Committee that:**

- 1. Tender 21-OF-09 be awarded to Fer Pal Construction Ltd. For a total Tender Price of \$256,375.00 plus applicable taxes.**
- 2. That the budget shortfall be funded from the Water and Sewer Reserve Fund**