

FOR BOARD ACTION

Agenda Item # 3.b.

Meeting Date: 12/21/10

SUBJECT: Consideration of Quotations - 11th Ave SE Watermain Lining Project

PREPARED BY: Doug Rovang, Senior Civil Engineer

ITEM DESCRIPTION:

Sixteen (16) watermain “breaks” have occurred in this 556’ section of watermain on 11th Ave SE between 7th St and 8-1/2 St SE. Fourteen (14) of these breaks have occurred in the last four years.

The cost of repairs to this section of 6” watermain constructed in 1947 has become excessive, and replacement or lining needs to be accomplished expeditiously. Current City policy places responsibility for municipal water system maintenance on the RPU Water Utility. The justification for this project is based on the need to substantially eliminate the possibility for additional water main “breaks” in this 6” water main during the foreseeable future.

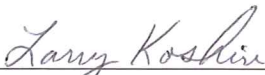
The City Public Works Department has no plans for street reconstruction or sanitary sewer replacement in this area. Therefore, RPU staff has evaluated replacement or lining of the existing watermain as a stand-alone project. Because the sanitary sewer and sanitary sewer services are located above the watermain, the complications from the need to replace the sanitary sewer services during the watermain replacement would make replacement more expensive than lining the existing water main. Therefore quotations for lining the existing 6” watermain were requested, and received from Insituform Technologies USA (Insituform, hereafter) and FER-PAL Construction Ltd (FER-PAL, hereafter) to accomplish this “trenchless” watermain lining to eliminate future waterman “breaks” in this problem section of watermain. FER-PAL is a licensed contractor for the “aquapipe” lining technique developed by Sanexen Environmental Services, Inc.

As was the arrangement with the Skyline Lane SW watermain lining project completed by Insituform in 2009, RPU would excavate a pit at each end and at the middle of the project to facilitate the water main lining process, and would provide temporary water service to the 11th Ave SE customers whose water service would be shutdown during the project.

The two quotations received on 12/14/2010 and the engineer’s estimate are shown below. A copy of the FER-PAL quotation is attached.

Insituform -	\$110,600.00
FER-PAL -	\$ 80,446.00
Engineer’s Estimate -	\$ 83,400.00 (not including the RPU portion of project costs)

The estimated total cost of this watermain lining project, including the RPU portion, is \$90,500.



General Manager

12-16-10
Date

FOR BOARD ACTION

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Because the project cost is between \$50,000 and \$100,000, Utility Board (but not City Council) approval is required.

FOR CAPITAL PURCHASES/BIDS/MAJOR PROJECTS:

Funds are available in the 2010 Water Utility budget for this project. However, this project will be completed during the spring of 2011. Funds are available in the 2011 Water Utility budget for this project.

UTILITY BOARD ACTION REQUESTED:

Staff recommends the Utility Board approve the 11th Ave SE watermain trenchless lining project and a purchase order agreement for the services of FER-PAL Ltd of Taylor, Michigan, in the amount of \$80,446.00 to line the watermain in accordance with the project specifications dated 12/10/2010.

General Manager

Date



FER-PAL Construction Ltd.

169 Fenmar Drive
North York, ON M9L 1M6
Tel: (416) 742-3713
Fax: (416) 742-3035

26187 Northline Rd.
Taylor, MI 48180 USA
Tel: (734) 946-2034
Fax: (734) 946-2036
Toll Free: 1-866-946-2034

Website: www.ferpalconstruction.com

email: info@ferpal.ca

Fax Transmittal

TO: DOUGLAS ROVANG

COMPANY: ROCHESTER PUBLIC UTILITIES

FAX: 1-507-280-1542

FROM: LOU MAURNO

DATE: DEC. 14 / 10 TIME: _____

TOTAL NUMBER OF PAGES (including cover): 4

RE: RPU PROJECT NO. #7004160

PLEASE SEE ATTACHED QUOTE AS PER ABOVE
SUBJECT LINE.

FORM OF PROPOSAL

To Rochester Public Utilities

(I)(We) hereby certify that (I am) (we are) the only person(s) interested in this proposal as principal(s); that this proposal is made and submitted without fraud or collusion with any other person, firm or corporation at all; that an examination has been made of the site of the work and the Contract form, with the Plans, Specifications and Special Provisions for the improvement.

(I)(We) understand that the quantities of work shown herein are approximate only and are subject to increase or decrease; that all quantities of work, whether increased or decreased within the limits specified in Mn/DOT 1903, are to be done at the unit prices shown on the attached schedule; that, at the time of opening bids, totals only will be read, but that comparison of bids will be based on the correct summation of item totals obtained from the unit prices bid, as provided in Mn/DOT 1301.

(I)(We) propose to furnish all necessary machinery, equipment, tools, labor and other means of construction and to furnish all materials specified, in the manner and at the time prescribed, all according to the terms of the Contract and Plans, Specifications, and the Special Provisions forming a part of this.

(I)(We) further propose to do all Extra Work that may be required to complete the contemplated improvement, at unit prices or lump sums to be agreed upon in writing before starting such work, or if such prices or sums cannot be agreed upon, to do such work on a Force Account basis, as provided in Mn/DOT 1904.

(I)(We) further propose to execute the form of Contract within 10 days after receiving written notice of award, as provided in Mn/DOT 1306.

(I)(We) further propose to furnish a payment bond equal to the Contract amount, and a performance bond equal to the Contract amount, with the aggregate liability of the bond(s) equal to twice the full amount of the Contract, as security for the construction and completion of the improvement according to the Plans, Specifications and Special Provisions as provided in Mn/DOT 1305.

(I)(We) further propose to do all work according to the Plans, Specifications and Special Provisions, and to renew or repair any work that may be rejected due to defective materials or workmanship, before completion and acceptance of the Project by the Rochester City Council.

(I)(We) agree to all provisions of Minnesota Statutes 1976, Section 181.59.

(I)(We) further propose to begin work and to prosecute and complete the same according to the time schedule set forth in the Special Provisions for the improvement.

(I)(We) assign to the Rochester City Council all claims for overcharges as to goods and materials purchased in connection with this Project resulting from antitrust violations that arise under the antitrust laws of the United States and the antitrust laws of the State of Minnesota. This clause also applies to subcontractors and first tier suppliers under this Contract.

**City of Rochester
Rochester Public Utilities**

Project Number: RPU-11th AVE SE 2010					
Project Title or Road Number: 11th Ave SE Watermain Lining					
Work Type: Watermain					
BIDDER MUST FILL IN UNIT PRICES IN NUMERALS: MAKE EXTENSION FOR EACH ITEM AND TOTAL. FOR COMPLETE INFORMATION CONCERNING THESE ITEMS, SEE PLANS AND SPECIFICATION, INCLUDING SPECIAL PROVISIONS.					
Item No.	Description	Units	Quantity	Unit Price	Total Price
1 WATERMAIN					
2021.501/00010	MOBILIZATION	LS	1	15,000. ⁰⁰	15,000. ⁰⁰
W200.516	F&I 6" CURED IN PLACE PIPE (CIPP)	LF	556	116. ⁰⁰	64,496. ⁰⁰
C150.569/00020	REINSTATE EXISTING WATER SERVICE CONNECTIONS	EACH	19	50. ⁰⁰	950. ⁰⁰
Total				#	80,446. ⁰⁰

December 10, 2010

FORM 21126D (FF REV. 4-00)

Project No. RPU - 11th Avenue S.E. 2010

GRAND TOTAL \$ 80,446.⁰⁰

NON-COLLUSION AFFIDAVIT: If a Non-Collusion affidavit is found in this Proposal it must be signed by each bidder.

N/A

RECEIPT OF ADDENDA as required by 1210 of the Specifications:

The undersigned hereby acknowledges receipt of and has considered:

Addendum No. Dated Addendum No. Dated

Addendum No. Dated Addendum No. Dated

Signed N/A

RECEIPT OF PLAN:

The undersigned hereby acknowledges receipt of and has considered: 11th Avenue S.E. Watermain Lining.

Signed 

EXECUTION OF PROPOSAL as required by 1206 of the Specifications:

This proposal dated the day of DEC. 14, 2010

Signed P.O. Address as an individual.

Signed P.O. Address as an individual.

Doing business under the name and style of FER-PAL CONSTRUCTION USA LLC

Signed for a partnership.

Signed  for FER-PAL CONSTRUCTION USA LLC a corporation.

Incorporated under the laws of the State of MICHIGAN

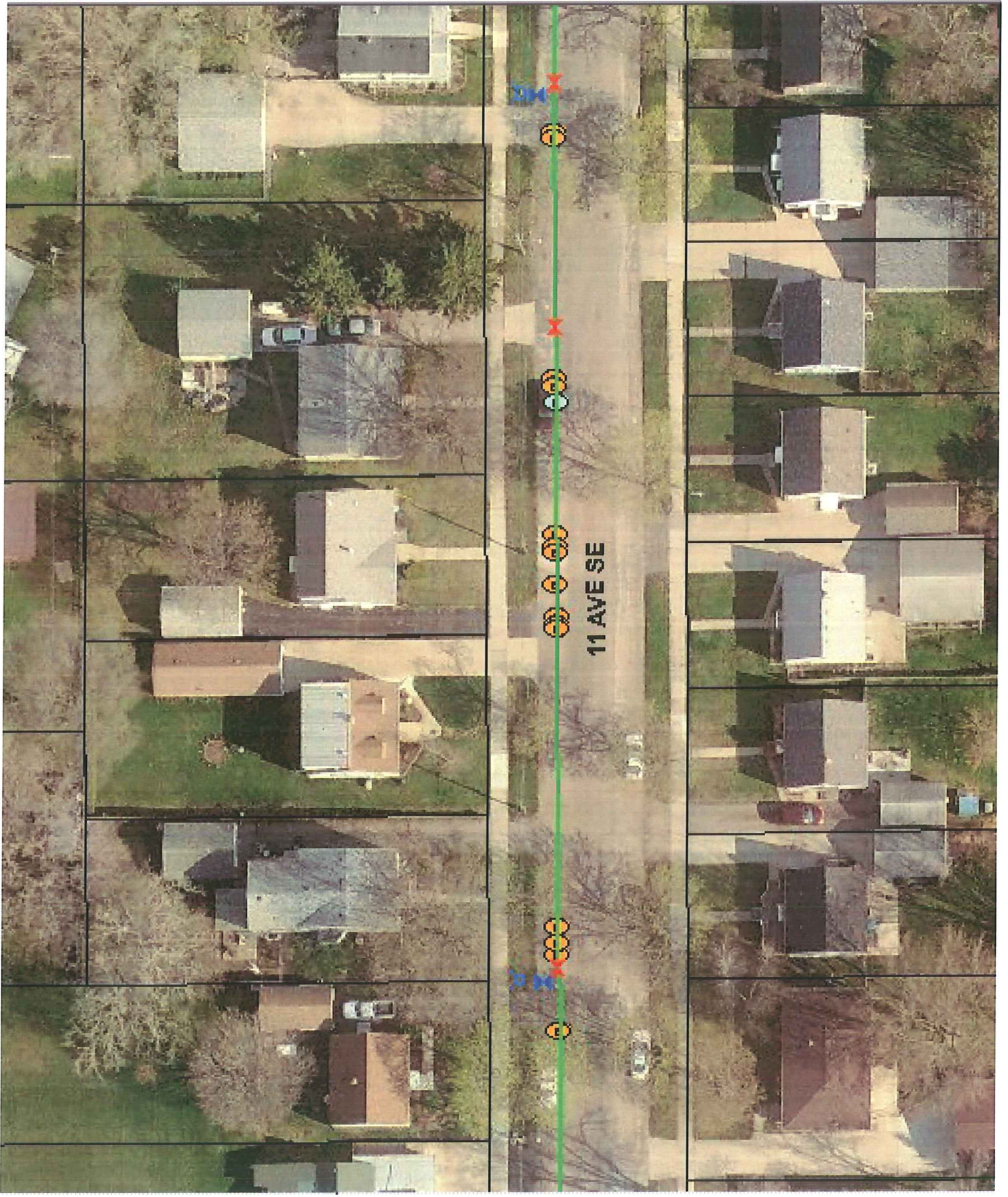
Name of President PAUL FERRETTI Business Address 26187 NORTHLINE RD, M.I., 48186

Name of President Business Address

Name of President Business Address

Name of President Business Address

(NOTE: Signatures shall comply with 1206 of the Specifications)



11 AVE SE

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RESOLUTION

BE IT RESOLVED by the Public Utility Board of the City of Rochester, Minnesota, to approve the 11th Ave SE watermain lining project (between 7th St and 8-1/2 St SE), and to enter into a purchase order agreement with FER-PAL Construction Ltd, of Taylor, Michigan, for services for

Lining of Interior of Approximately 556 feet of 6" Watermain in 11th Ave SE

The amount of the purchase order contract to be EIGHTY-THOUSAND-FOUR-HUNDRED-FORTY-SIX and NO/100 DOLLARS (\$80,446.00).

Passed by the Public Utility Board of the City of Rochester, Minnesota, this 21st day of December, 2010.

President

Secretary