

PUBLIC WORKS DEPARTMENT
MEMORANDUM #2010 – 34

DATE: May 13, 2010
TO: Honorable Mayor Joyce Downing and City Council Members
FROM: William A. Simmons, City Manager *WAS*
David H. Willett, Director of Public Works *ADW* for David Willett
Shawn Cordsen, Director of Finance *SC*
Amy Ward, Utility Engineer *ADW*
SUBJECT: CR-79 2010 Sanitary Sewer Rehabilitation

BACKGROUND

While conducting the scheduled TV inspections in early 2010, the Public Works Department identified two stretches of sanitary sewer that require significant maintenance. The two runs are located on Rapp Lane between West 98th Avenue and West 99th Avenue and on Huron Street between Niver Avenue and West 104th Avenue. Once these locations were identified, they were elevated in the priority list for the Collection System Rehabilitation program.

On April 15, 2010, the City received four (4) bids for the 2010 Sanitary Sewer Rehabilitation. The lowest responsible bidder is Insituform Technologies, Inc. with a total bid of \$134,666.00. City staff contacted the submitted references and determined the Contractor's past performance on similar projects meets the City's standards. Results of the reference checks were positive and are on file at City Hall. Copies of the standard agreement and bid tabulation are attached.

BUDGET/TIME IMPLICATIONS

The cost of the 2010 Sanitary Sewer Rehabilitation as proposed is \$134,666.00 with a contingency of \$16,000.00 for a total of \$150,666.00. The proposed project would be funded out of the \$191,000 in the 2010 Water and Wastewater Capital Improvement Fund for the Collection System Rehabilitation.

RECOMMENDATION

Attached to this memorandum is a Resolution that, if approved, would:

- 1) Authorize the Mayor to execute a contract between the City of Northglenn and Insituform Technologies, Inc., for the 2010 Sanitary Sewer Rehabilitation in the amount of \$134,666.00;
- 2) Authorize \$16,000.00 as a contingency and authorize the City Manager, on behalf of the City, to approve minor changes in the scope of work and execute relevant change orders up to the approved expenditure limit of **\$150,666.00**.

Staff recommends approval of the proposed Resolution. Excavation on this project may uncover unsuitable materials that require replacement or dewatering. Staff is requesting an 11.9% contingency for this project to address the additional expenses that may occur due to these unknown conditions.

STAFF REFERENCE

David H. Willett, P.E., Director of Public Works
Amy Ward, P.E., Utility Engineer

dwillett@northglenn.org or 303.450.8783
award@northglenn.org or 303.450.8837

Reference Check

Project: 2010 Sanitary Sewer Rehabilitation
Consultant/Contractor: Insituform Technologies, Inc.
Date: 5-6-10
Page 1

| Project Name: | Contact for Reference: | Contact Phone Number: | Reference: |
|--|-------------------------------|------------------------------|---|
| City of Evans 2008 Sanitary Sewer Rehabilitation | Cameron Parrott | 970-475-1113 | The construction went fine. |
| City of Arvada 2008 Trenchless Sewer Main | Timothy Hoos | 720-898-7644 | Project was really good, they even brought in a second crew to meet the tight schedule. |
| SW Suburban Denver Water and Sanitary District | Thomas Roberts | 303-586-5800 | Pending response. |



**CITY OF NORTHGLENN
FORMAL BID SUMMARY**

BID NUMBER IFB 2010-15

PAGE 1

BID NAME 2010 SANITARY SEWER REHABILITATION

DEPARTMENT: Public Works

| | Western Slope Utilities | wildcat civil services, a division of wildcat construction co., inc. | Insituform Technologies, Inc. | C & L Water Solutions, Inc. | |
|---|--------------------------------|--|--------------------------------|--------------------------------|------------------------|
| DATE DUE 4/15/2010 | BID RECEIVED: DATE: 4/15/10 | BID RECEIVED: DATE: 4/15/10 | BID RECEIVED: DATE: 4/15/10 | BID RECEIVED: DATE: 4/16/10 | BID RECEIVED: DATE: |
| TIME: 2:00 P.M. | TIME: 10:52am | TIME: 12:59pm | TIME: 1:35pm | TIME: 1:54pm | TIME: |
| Huron St. 8-inch Sanitary Sewer Replacement MH 16-1-68 to MH 16-1-69 | \$32,400.00 | \$34,425.00 | \$21,600.00 | \$19,575.00 | |
| Rapp Ln. 8-inch Sanitary Sewer Replacement MH 16-2-14 to MH 16-2-14.1 | \$38,400.00 | \$37,200.00 | \$39,600.00 | \$28,800.00 | |
| Rapp Ln. 8-inch Sanitary Sewer Point Repair | \$3,810.00 | \$4,400.00 | \$11,250.00 | \$4,950.00 | |
| Rapp Ln. 8-inch Sanitary Sewer Structural Rehabilitation MH 16-2-14.1 to MH 16-2-15 | \$7,567.00 | \$8,855.00 | \$5,474.00 | \$8,613.50 | |
| Rapp Ln. 8-inch Sanitary Sewer Structural Rehabilitation MH 16-2-15 to MH 16-2-17 | \$4,747.00 | \$5,555.00 | \$3,434.00 | \$5,403.50 | |
| Huron St. 8-inch Sanitary Sewer Structural Rehabilitation MH 16-1-66 to MH 16-1-67 | \$6,486.00 | \$7,590.00 | \$4,692.00 | \$7,383.00 | |

Kathleen Krasnick
Buyer

Cristina Messick
City Clerk, Deputy

4/15/2010
Date



**CITY OF NORTHGLENN
FORMAL BID SUMMARY**

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| TIME: 2:00 P.M. | | | | | |
| Huron St. 8-inch Sanitary Sewer Structural Rehabilitation MH 16-1-67 to MH 16-1-68 | \$6,439.00 | \$7,535.00 | \$4,658.00 | \$7,329.50 | |
| Huron St. 8-inch Sanitary Sewer Structural Rehabilitation MH 16-1-69 to MH 16-1-52.1 | \$3,149.00 | \$3,685.00 | \$3,618.00 | \$3,584.50 | |
| Huron St. 8-inch Sanitary Sewer Structural Rehabilitation MH 16-1-52.1 to MH 15-4-1 | \$235.00 | \$1,000.00 | \$270.00 | \$267.50 | |
| Huron St. 8-inch Sanitary Sewer Structural Rehabilitation MH 15-4-1.1 to MH 16-1-52 | \$4,582.50 | \$5,362.50 | \$4,875.00 | \$5,216.25 | |
| Huron St. 8-inch Sanitary Sewer Structural Rehabilitation MH 16-1-52 to MH 16-1-45.1 | \$2,279.50 | \$2,667.50 | \$1,649.00 | \$2,594.75 | |
| Huron St. 8-inch Sanitary Sewer Structural Rehabilitation MH 16-1-52 to MH 16-1-45.1 | \$3,971.50 | \$4,104.75 | \$2,873.00 | \$4,520.75 | |
| Huron St. 8-inch Sanitary Sewer Structural Rehabilitation MH 16-1-45 to MH 16-1-38 | \$6,345.00 | \$7,425.00 | \$4,590.00 | \$7,222.50 | |
| Huron St. 8-inch Sanitary Sewer Structural Rehabilitation MH 16-1-38 to MH 16-1-31 | \$6,345.00 | \$7,425.00 | \$4,590.00 | \$7,222.50 | |
| Huron St. 8-inch Sanitary Sewer Structural Rehabilitation MH 16-1-31 to MH 16-1-24 | \$6,321.50 | \$7,397.50 | \$4,573.00 | \$7,195.75 | |
| Huron St. 8-inch Sanitary Sewer Structural Rehabilitation MH 16-1-24 to MH 16-1-16 | \$6,345.00 | \$7,425.00 | \$4,860.00 | \$7,222.50 | |
| Huron St. 8-inch Sanitary Sewer Structural Rehabilitation MH 16-1-16 to MH 16-2-4 | \$7,050.00 | \$8,250.00 | \$5,400.00 | \$8,025.00 | |
| Huron St. 8-inch Sanitary Sewer Structural Rehabilitation MH 16-2-4 to MH 16-2-12 | \$8,460.00 | \$9,900.00 | \$6,660.00 | \$9,630.00 | |

Kathleen Kaszuba
Buyer

Crystal Mennick
City Clerk, Deputy

4/15/2010
Date



**CITY OF NORTHGLENN
FORMAL BID SUMMARY**

BID NUMBER IFB 2010-15

PAGE 3

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DEPARTMENT: Public Works

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| TIME: 2:00 P.M. | TIME: 10:52am | TIME: 12:59pm | TIME: 1:35pm | TIME: 1:54pm | TIME: |
| Materials Testing | \$1,350.00 | \$2,175.00 | \$750.00 | \$3,450.00 | |
| Total Base Bid | \$156,283.00 | \$172,920.00 | \$134,666.00 | \$148,206.00 | |
| Alt-1 Dewatering | \$416.00 | \$350.00 | \$695.00 | \$2,500.00 | |
| Alt-2 BY Pass Pumping | \$249.00 | \$1,000.00 | \$465.00 | \$360.00 | |
| Alt-3 Unclassified material excavation | \$28.00 | \$20.00 | \$46.00 | \$30.00 | |
| Alt 4 Structural Backfill (Flow-fill) | \$57.00 | \$100.00 | \$87.00 | \$110.00 | |
| Alt 5 CDOT Class 1 Structural Backfill | \$25.00 | \$16.00 | \$56.00 | \$25.00 | |
| Alt 6 CDOT Class 2 Structural Backfill | \$25.00 | \$18.00 | \$56.00 | \$25.00 | |
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Kathleen Kasmala
Buyer

Crystal Messick
City Clerk, Deputy

4/15/2010
Date

SPONSORED BY: MAYOR DOWNING

COUNCILMAN'S RESOLUTION

RESOLUTION NO.

No. CR-79
Series of 2010

Series of 2010

A RESOLUTION APPROVING AN AGREEMENT BETWEEN THE CITY OF NORTHGLENN AND INSITUFORM TECHNOLOGIES, INC. FOR THE 2010 SANITARY SEWER REHABILITATION PROJECT

BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF NORTHGLENN, COLORADO, THAT:

Section 1. The Agreement between the City of Northglenn and Insituform Technologies, Inc., attached hereto, in the amount of \$134,666.00 with a contingency of \$16,000.00 for a total amount not to exceed \$150,666.00 for the 2010 Sanitary Sewer Rehabilitation Project is hereby approved and the Mayor is authorized to execute same on behalf of the City of Northglenn.

DATED, at Northglenn, Colorado, this _____ day of _____ 2010.

JOYCE DOWNING
Mayor

ATTEST:

JOHANNA SMALL, CMC
City Clerk

APPROVED AS TO FORM:

COREY Y. HOFFMANN
City Attorney

AGREEMENT**PROJECT NAME: 2010 SANITARY SEWER REHABILITATION****PROJECT NUMBER: IFB 2010-15****PROJECT MANAGER: Amy Ward**

THIS AGREEMENT, made this _____ day of _____, 20____, by and between the City of Northglenn, hereinafter called "CITY", and Insituform Technologies, Inc. hereinafter called "CONTRACTOR".

WITNESSETH: That for and in consideration of the payments and agreements hereinafter mentioned:

1. The CONTRACTOR will commence and complete the project named:

"2010 Sanitary Sewer Rehabilitation - IFB 2010-15"

2. The CONTRACTOR will furnish all of the materials, supplies, tools, equipment, labor supervision, and other services necessary for the completion of the PROJECT described herein.

3. The CONTRACTOR will provide performance and payment bonds and a certificate of insurance naming the City as an additional insured for purposes of said project within 10 days after the date of the NOTICE OF AWARD.

4. The CONTRACTOR agrees to perform all of the WORK described in the CONTRACT DOCUMENTS and comply with the terms therein for the sum of \$134,666.00, or as shown in the BID schedule. The CONTRACTOR will commence the work within 7 calendar days after the date of NOTICE TO PROCEED. The CONTRACTOR will complete the work within 85 calendar days after the date of NOTICE TO PROCEED unless the period for completion is extended otherwise by the CONTRACT DOCUMENTS.

5. The term "CONTRACT DOCUMENTS" means and includes all items as set forth in Section 1.01 of the General Conditions.

6. The CITY will pay to the CONTRACTOR in the manner and at such times as set forth in the General Conditions such amounts as required by the CONTRACT DOCUMENTS.

7. This AGREEMENT shall be binding upon all parties hereto and their respective heirs, executors, administrators, successors, and assigns.

IN WITNESS WHEREOF, the parties hereto have executed, or caused to be executed by their duly authorized officials, this Agreement in TWO copies, each of which shall be deemed an original on the date first above written.

CITY:

City of Northglenn
By _____
Name Joyce Downing Date _____
Title Mayor

ATTEST:

Name Johanna Small, CMC Date _____
Title City Clerk

(SEAL)

APPROVED AS TO FORM:

Corey Y. Hoffmann, City Attorney Date _____

CONTRACTOR: Insituform Technologies, Inc.

By _____
Name H. Douglas Thomas Date 5/10/10
(Please Type or Print)

Title VP-GlobalProcurement/Ops. Support
Address 17988 Edison Avenue
Chesterfield, MO 63005

(SEAL)
ATTEST:

Denise Carroll

Denise Carroll 5-10-2010 Date _____
Name (Please Print or Type)
Title Contracting & Attesting Officer

CITY's CONTRACT # _____

Amy Ward

Print Name of City's Project Manager