

TOWN OF DAVIE TOWN COUNCIL AGENDA REPORT

TO: Mayor and Councilmembers
FROM/PHONE: Herb Hyman-(954) 797-1016
SUBJECT: Resolution

TITLE OF AGENDA ITEM:

A RESOLUTION OF THE TOWN OF DAVIE, FLORIDA, APPROVING THE BID AWARDED BY BROWARD COUNTY, CONTRACT NUMBER P2077-99 FOR REHABILITATION OF SEWER LINES.

REPORT IN BRIEF:

The Town occasionally experiences a need for rehabilitation of sewer lines. Broward County has conducted a competitive negotiation of this sole source process. Pricing on this contract is very competitive due to the high volume of work generated by Broward County. Passing this resolution will allow the Utilities Department to move ahead with needed repairs without having to present a separate resolution each time a repair exceeds the \$10,000 threshold.

PREVIOUS ACTIONS:

Not applicable.

CONCURRENCES:

The recommended award has been reviewed by the Procurement Manager and the Utilities Director who concur with the decision to approve the award made by Broward County to Insituform Technologies, Inc.

FISCAL IMPACT:

Has request been budgeted? yes

If yes, expected cost-not to exceed \$150,000.00/yr.

Account Name: Utilities Department-Capital Outlay Account

Additional Comments: Not applicable

RECOMMENDATION(S):

Motion to approve the resolution.

Attachment(s):

- Resolution
- Procurement Authorization
- Broward County Award and Pricing Information

RESOLUTION NO. _____

A RESOLUTION OF THE TOWN OF DAVIE, FLORIDA, ACCEPTING THE BID AWARDED BY BROWARD COUNTY, CONTRACT NUMBER P2077-99 FOR REHABILITATION OF SEWER LINES.

WHEREAS, the Town is in need of a rehabilitation of sewer lines; and

WHEREAS, Broward County has solicited sealed bids for such services; and

WHEREAS, after review, the Town Council wishes to accept the bid awarded by Broward County to Insituform Technologies, Inc.

NOW, THEREFORE, BE IT RESOLVED BY THE TOWN COUNCIL OF THE TOWN OF DAVIE, FLORIDA:

SECTION 1. The award made by Broward County to Insituform Technologies, Inc. for rehabilitation of sewer lines in an amount not to exceed \$150,000.00/yr., is hereby accepted by the Town Council.

SECTION 2. The Town Council hereby authorizes the expenditure from the Utilities Department-Capital Outlay Account.

SECTION 3. This resolution shall take effect immediately upon its passage and adoption.

PASSED AND ADOPTED ____ DAY OF _____, 2002

MAYOR/COUNCILMEMBER

Attest:

TOWN CLERK

APPROVED THIS ____ DAY OF _____, 2002

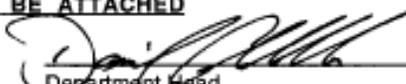
TOWN OF DAVIE PROCUREMENT AUTHORIZATION

<u>ACCOUNT NUMBER</u>	<u>BUDGET ITEM & DESCRIPTION</u>	<u>APPROXIMATE COST</u>
040-1058-536-6400 <i>CAPITAL O&M</i>	Rehabilitation of Sewer Lines	Up To \$ 150,000.00

METHOD OF PROCUREMENT (check the one that applies)

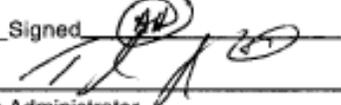
- Open Competitive Bidding
 Piggyback on Contract Number P2077-99 (BROWARD COUNTY)
 Sole Source
 Request For Proposals

SPECIFICATIONS & LIST OF VENDORS MUST BE ATTACHED

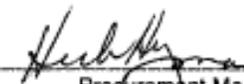
Signed 
Department Head

Have Funds been Reserved REAN. 25464

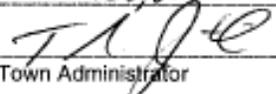
Date 1/2/02 Signed 

Signed 
Town Administrator

<u>VENDOR</u>	<u>BIDS SUBMITTED</u>	<u>COST</u>
<u>INSITUFORM TECHNOLOGIES, INC.</u>		<u>\$150,000.00</u>

Signed 
Procurement Manager

TOWN ADMINISTRATOR'S RECOMMENDATION

<u>Vendor</u>	<u>Cost</u>
<u>INSITUFORM TECHNOLOGIES, Inc.</u>	<u>\$ 150,000.00</u>
Signed <u></u>	Town Administrator

+



BROWARD COUNTY BOARD OF COUNTY COMMISSIONERS

AGENDA ITEM # 18

NEXT ITEM

Meeting Date

04/18/00

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Requested Action (Identify appropriate Action or Motion, Authority or Requirement for Item and identify the outcome and/or purpose of item.)

MOTION TO AWARD standardized sole source, open end contract to Insituform Technologies, Inc. for the reconstruction of sewers and manholes, quotation number P2077-99 in the estimated amount of \$753,587.25 for the Environmental Operations Division and to authorize the Director of Purchasing to renew the contract for two, one year periods. The initial contract shall commence on the date of award and terminate two years from that date.

Why is Action Necessary: In accordance with the Broward County Procurement Code, 21.31.a.4 the Board must approve Contracts over \$100,000.

What Action Accomplishes: This contract will cover the required services for trenchless pipe reconstruction of sanitary sewer mains through the installation of a pipe liner inside the existing sewer lines.

Summary Explanation / Background (Provide an executive summary of the action that gives an overview of the relevant details to the item. The first sentence includes the Agency recommendation.)

THE PURCHASING DIVISION AND THE ENVIRONMENTAL OPERATIONS DIVISION RECOMMEND APPROVAL OF THE ABOVE MOTION.

Insituform Technologies, Inc. was Board standardized as a sole source, sole brand product for repairing pipe on 11/24/87, item number 16.

Fiscal Impact / Cost Summary (Include projected cost, approved budget amount and account number, source of funds, and any future funding requirements.)

The funding source for this requirement is 4610 126 8548 6500, Water and Wastewater Fund, estimated amount \$753,587.25. The dollars for each requirement will be encumbered at the time of release.

Exhibits Attached (copies of original agreements) (Please number exhibits numerically.)

Authorized Signature (Signature confirms that required approvals from other agencies have been received - i.e. Purchasing, Budget, Risk Mgr., Attorney) **Scheduling** (Only Agency Initials)

Signature: _____ Date: _____ Type Name, Title, Agency and Phone:
Phillip C. Allen, Director
Finance & Administrative Services Dept.
357-7130

Source of Additional Information: Type Name, Title, Agency and Phone:
Glenn R. Cummings, Director of Purchasing, Purchasing Division - 357-6070

17. A. MOTION TO AWARD fixed contract to low responsive, responsible bidder, Rio-Man International, Inc., for North Andrews Gardens Neighborhood Improvements, Bid Package No. 2 (North Area Section 2), (Bid No. H-5-99-102-CF) for the total bid amount of \$5,813,809.40, for the Office of Environmental Engineering Division, subject to receipt and acceptance of insurance/performance and payment guarantee, and authorize the Chair and Clerk to execute the same.
- B. MOTION TO APPROVE change order contingency of 10% instead of the standard 5%.
18. MOTION TO AWARD standardized sole source, open end contract to Insituform Technologies, Inc. for the reconstruction of sewers, quotation number P2077-99 in the estimated amount of \$753,587.25 for the Environmental Operations Division and to authorize the Director of Purchasing to renew the contract for two, one year periods. The initial contract shall commence on the date of award and terminate two years from that date.

For Safety and Emergency Services Department

19. MOTION TO NOTE FOR THE RECORD emergency sole source procurement of detection and monitoring equipment in the amount of \$61,906.84, to Centech and \$38,275 to Environmental Technologies Group, Inc. for the Fire Rescue Division utilizing a U.S. Department of Justice grant expiring March 31, 2000.

HUMAN SERVICES DEPARTMENT

ELDERLY AND VETERANS SERVICES DIVISION

20. MOTION TO APPROVE entry into non-financial referral agreement with a for-profit organization determined eligible as an Assisted Living Medicaid Waiver provider from date of execution to June 30, 2000 for the purpose of maintaining older persons in the least restrictive community setting, and authorize the Chair to execute same. No County funds are required.
21. MOTION TO APPROVE entry into non-financial referral agreement with a for-profit organization determined eligible as a Home and Community Based Services Medicaid Waiver Provider from date of execution to June 30, 2000 for the purpose of maintaining older persons in the community, and authorize the Chair to execute same. No County funds are required.



Purchasing Division
115 S. Andrews Avenue, Room 212
Fort Lauderdale, FL 33301
(954) 357-6065 • FAX (954) 357-8535

APRIL 20, 2000

INSITUFORM TECHNOLOGIES, INC.
11511 PHILLIPS HIGHWAY SOUTH
JACKSONVILLE, FLORIDA 32256
ATTENTION: GERALD ADDINGTON

REFERENCE Bid # P2077-99

DEAR MR. ADDINGTON:

WE HEREBY ACCEPT YOUR OFFER FOR CONTRACT # P2077-99, FOR AN OPEN END CONTRACT FOR INSITUFORM CURED IN PLACE PROCESS.

THIS AWARD IS SUBJECT TO ALL TERMS AND CONDITIONS CONTAINED IN THE ABOVE CONTRACT.

THIS CONTRACT IS IN EFFECT FOR THE PERIOD BEGINNING APRIL 18, 2000 AND ENDING APRIL 17, 2001. THE BROWARD COUNTY PURCHASING DIVISION MAY RENEW THIS CONTRACT FOR TWO, ONE YEAR PERIODS SUBJECT TO SATISFACTORY PERFORMANCE, VENDOR ACCEPTANCE, AND DETERMINATION THAT THE RENEWAL IS IN THE BEST INTEREST OF THE COUNTY.

PURCHASE ORDER(S) WILL BE PLACED AS AND WHEN REQUIRED.

A COPY OF THIS NOTICE, WITH A COPY OF YOUR BID, INCLUDING ALL TERMS AND CONDITIONS, IS BEING FORWARDED TO ALL APPLICABLE USING AGENCIES.

THANK YOU FOR YOUR INTEREST IN SUBMITTING A BID.

SINCERELY,

BOB MCKENNEY
PURCHASING AGENT II, SPECIALIST

C: TONY LIVIO, ENVIRONMENTAL OPERATIONS DIVISION

PRICE AGREEMENT FORM

Price Agreement Number P2077-99

Date Submitted 4-19-00

Start Date 4-18-00 End Date 4-17-02

Replaces PA # P-890-96

Authorized Limit \$ _____

Buyer P

Basis for PA: _____

Lag Days 10 Renewal Days 180

Status: New Update

Restrict Security to: _____

PG Title Insituform Cured-in-Place Pipe Repair

Vendor Name Insituform Technologies, Inc FEIN 13 3 032158

Item	Commodity Code number	Unit Cost	Unit	PCTX
1.	<u>Attached 12 Pages</u>	\$ _____	_____	_____
2.	_____	\$ _____	_____	_____
3.	_____	\$ _____	_____	_____
4.	_____	\$ _____	_____	_____
5.	_____	\$ _____	_____	_____
6.	_____	\$ _____	_____	_____
7.	_____	\$ _____	_____	_____
8.	_____	\$ _____	_____	_____
9.	_____	\$ _____	_____	_____
10.	_____	\$ _____	_____	_____
11.	_____	\$ _____	_____	_____
12.	_____	\$ _____	_____	_____
13.	_____	\$ _____	_____	_____
14.	_____	\$ _____	_____	_____
15.	_____	\$ _____	_____	_____

Attach PCTX/PCTX and/or copies of any supporting documentation for the file.

Page _____ of _____

**SCHEDULE OF PRICES
ESTIMATED QUANTITIES FOR SANITARY SEWER
REHABILITATION THROUGH THE INSTALLATION OF
INSITUFORM PROCESS**

ITEM NO.	DESCRIPTION	ESTIMATED USAGE	UNIT	UNIT PRICE	TOTAL PRICE
A.	INSPECTION AND EVALUATION SERVICES				
1.	TV INSPECTION				
A.	MOBILIZATION	4	HR	\$ 200 ⁰⁰	\$ 800 ⁰⁰
B.	TV INSPECTION (<=21" DIAMETER)	4	LF	\$ 2 ⁰⁰	\$ 8 ⁰⁰
C.	TV INSPECTION (<21" DIAMETER)	4	LF	\$ 4 ⁰⁰	\$ 16 ⁰⁰
2.	TV INSPECTION (10,000 LF (OR MORE))				
A.	MOBILIZATION	5	HR	\$ 200 ⁰⁰	\$ 1000 ⁰⁰
B.	TV INSPECTION (<=21" DIAMETER)	5	LF	\$ 1 ⁰⁰	\$ 5 ⁰⁰
C.	TV INSPECTION (<21" DIAMETER)	5	LF	\$ 2 ⁰⁰	\$ 10 ⁰⁰
D.	LATERAL INSPECTION	45	EA	\$ 250 ⁰⁰	\$ 11,250 ⁰⁰
E.	MANHOLE INSPECTION	5	EA	\$ 150 ⁰⁰	\$ 750 ⁰⁰
3.	CLEANING AND PRE-TV INSPECTION				
A.	COMPUTERIZED DATA REPORT	5	LF	\$ 0 ²⁵	\$ 1 ²⁵
B.	LIGHT CLEANING AND PRE-TV INSPECTION (<=12" DIAMETER)	6,200	LF	\$ 1 ⁰⁰	\$ 6,200 ⁰⁰

NAME OF QUOTER INSITUFORM TECHNOLOGIES, INC.

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ITEM NO.	DESCRIPTION	ESTIMATED USAGE	UNIT	UNIT PRICE	TOTAL PRICE
A.	INSPECTION AND EVALUATION SERVICES (CON'T)				
	3. CLEANING AND PRE-TV INSPECTION (CON'T)				
C.	MEDIUM CLEANING AND PRE-TV INSPECTION (<=12" DIAMETER)	20	LF	\$ <u>1⁵⁰</u>	\$ <u>30⁰⁰</u>
D.	HEAVY CLEANING AND PRE-TV INSPECTION (<=12" DIAMETER)	20	LF	\$ <u>2⁰⁰</u>	\$ <u>40⁰⁰</u>
E.	LIGHT CLEANING AND PRE-TV INSPECTION (>12" TO 21" DIA.)	1,000	LF	\$ <u>2⁰⁰</u>	\$ <u>2000⁰⁰</u>
F.	MEDIUM CLEANING AND PRE-TV INSPECTION (>12" TO 21" DIA.)	20	LF	\$ <u>3⁰⁰</u>	\$ <u>60⁰⁰</u>
G.	HEAVY CLEANING AND PRE-TV INSPECTION (>12" TO 21" DIA.)	20	LF	\$ <u>4⁰⁰</u>	\$ <u>80⁰⁰</u>
H.	LIGHT CLEANING AND PRE-TV INSPECTION (>21" TO 42" DIA.)	20	LF	\$ <u>4⁰⁰</u>	\$ <u>80⁰⁰</u>
I.	MEDIUM CLEANING AND PRE-TV INSPECTION (>21" TO 42" DIA.)	10	LF	\$ <u>6⁰⁰</u>	\$ <u>60⁰⁰</u>
J.	HEAVY CLEANING AND PRE-TV INSPECTION (>21" TO 42" DIA.)	10	LF	\$ <u>13⁰⁰</u>	\$ <u>130⁰⁰</u>

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A.	INSPECTION AND EVALUATION SERVICES (CON'T)				
	3. CLEANING AND PRE-TV INSPECTION (CON'T)				
	K. SPECIALTY CLEANING, ADDITIONAL				
	ROOT OR GREASE (<=12" DIAMETER)	22	LF	\$ 2 ⁰⁰	\$ 44 ⁰⁰
	ROOT OR GREASE (>12" TO 21" DIAMETER)	14	LF	\$ 4 ⁰⁰	\$ 56 ⁰⁰
	TUBERCULATION (<=12" DIAMETER)	10	LF	\$ 12 ⁰⁰	\$ 120 ⁰⁰
	TUBERCULATION (>12" TO 21")	10	LF	\$ 20 ⁰⁰	\$ 200 ⁰⁰
	BUCKET MACHINE	5	DAY	\$ 400 ⁰⁰	\$ 2000 ⁰⁰

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ITEM NO.	DESCRIPTION	ESTIMATED USAGE	UNIT	UNIT PRICE	TOTAL PRICE
B.	SANITARY SEWER REHABILITATION				
	1. INSTALLATION OF CURED-IN-PLACE LINER				
	A. SANITARY SEWER MAINS, 8" DIAMETER				
	1. 6.0 MM NOMINAL THICKNESS (.236)	4,800	LF	\$ 36 ⁰⁰	\$ 172,800 ⁰⁰
	B. SANITARY SEWER MAINS, 10" DIAMETER				
	1. 6.0 MM NOMINAL THICKNESS (.236)	1,000	LF	\$ 38 ⁰⁰	\$ 38,000 ⁰⁰
	2. 7.5 MM NOMINAL THICKNESS (.295)	5	LF	\$ 40 ⁰⁰	\$ 200 ⁰⁰
	C. SANITARY SEWER MAINS, 12" DIAMETER				
	1. 6.0 MM NOMINAL THICKNESS (.236)	5	LF	\$ 42 ⁰⁰	\$ 210 ⁰⁰
	2. 7.5 MM NOMINAL THICKNESS (.295)	500	LF	\$ 44 ⁰⁰	\$ 22,000 ⁰⁰

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B.	SANITARY SEWER REHABILITATION (CON'T)				
1.	INSTALLATION OF CURED-IN-PLACE LINER (CON'T)				
D.	SANITARY SEWER MAINS, 15" DIAMETER				
1.	6.0 MM NOMINAL THICKNESS (.236)	5	LF	\$ 53 ⁰⁰	\$ 265 ⁰⁰
2.	7.5 MM NOMINAL THICKNESS (.295)	500	LF	\$ 56 ⁰⁰	\$ 28,000 ⁰⁰
3.	9.0 MM NOMINAL THICKNESS (.354)	5	LF	\$ 59 ⁰⁰	\$ 295 ⁰⁰
E.	SANITARY SEWER MAINS, 18 DIAMETER				
1.	6.0 MM NOMINAL THICKNESS (.236)	5	LF	\$ 69 ⁰⁰	\$ 345 ⁰⁰
2.	7.5 MM NOMINAL THICKNESS (.295)	5	LF	\$ 70 ⁰⁰	\$ 350 ⁰⁰
3.	9.0 MM NOMINAL THICKNESS (.354)	300	LF	\$ 71 ⁰⁰	\$ 21,300 ⁰⁰
4.	10.5 MM NOMINAL THICKNESS (.413)	5	LF	\$ 75 ⁰⁰	\$ 375 ⁰⁰

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B.	SANITARY SEWER REHABILITATION (CON'T)				
1.	INSTALLATION OF CURED-IN-PLACE LINER (CON'T)				
F.	SANITARY SEWER MAINS, 21" DIAMETER				
1.	6.0 MM NOMINAL THICKNESS (.236)	2	LF	\$ 74 ⁰⁰	\$ 148 ⁰⁰
2.	7.5 MM NOMINAL THICKNESS (.295)	2	LF	\$ 78 ⁰⁰	\$ 156 ⁰⁰
3.	9.0 MM NOMINAL THICKNESS (.354)	2	LF	\$ 82 ⁰⁰	\$ 164 ⁰⁰
4.	10.5 MM NOMINAL THICKNESS (.413)	300	LF	\$ 86 ⁰⁰	\$ 25,800 ⁰⁰
5.	12.0 MM NOMINAL THICKNESS (.472)	1	LF	\$ 90 ⁰⁰	\$ 90 ⁰⁰
G.	SANITARY SEWER MAINS, 24" DIAMETER				
1.	9.0 MM NOMINAL THICKNESS (.354)	1	LF	\$ 88 ⁰⁰	\$ 88 ⁰⁰
2.	10.5 MM NOMINAL THICKNESS (.413)	1	LF	\$ 92 ⁰⁰	\$ 92 ⁰⁰

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1.	INSTALLATION OF CURED-IN-PLACE LINER (CON'T)				
G.	SANITARY SEWER MAINS, 24" DIAMETER (CON'T)				
3.	12.0 MM NOMINAL THICKNESS (.472)	1	LF	\$ 96 ⁰⁰	\$ 96 ⁰⁰
4.	13.5 MM NOMINAL THICKNESS (.531)	1	LF	\$ 101 ⁰⁰	\$ 101 ⁰⁰
5.	15.0 MM NOMINAL THICKNESS (.591)	1	LF	\$ 109 ⁰⁰	\$ 109 ⁰⁰
H.	SANITARY SEWER MAINS, 27" DIAMETER				
1.	9.0 MM NOMINAL THICKNESS (.354)	1	LF	\$ 106 ⁰⁰	\$ 106 ⁰⁰
2.	10.5 MM NOMINAL THICKNESS (.413)	1	LF	\$ 112 ⁰⁰	\$ 112 ⁰⁰
3.	12.0 MM NOMINAL THICKNESS (.472)	1	LF	\$ 118 ⁰⁰	\$ 118 ⁰⁰
4.	13.5 MM NOMINAL THICKNESS (.531)	1	LF	\$ 124 ⁰⁰	\$ 124 ⁰⁰
5.	15.0 MM NOMINAL THICKNESS (.591)	1	LF	\$ 132 ⁰⁰	\$ 132 ⁰⁰

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B.	SANITARY SEWER REHABILITATION (CON'T)				
	1. INSTALLATION OF CURED-IN-PLACE LINER (CON'T)				
	I. SANITARY SEWER MAINS, 30" DIAMETER				
	1. 10.5 MM NOMINAL THICKNESS (.413)	1	LF	\$ 130 ⁰⁰	\$ 130 ⁰⁰
	2. 12.0 MM NOMINAL THICKNESS (.472)	1	LF	\$ 138 ⁰⁰	\$ 138 ⁰⁰
	3. 13.5 MM NOMINAL THICKNESS (.531)	1	LF	\$ 146 ⁰⁰	\$ 146 ⁰⁰
	4. 15.0 MM NOMINAL THICKNESS (.591)	1	LF	\$ 154 ⁰⁰	\$ 154 ⁰⁰
	5. 16.5 MM NOMINAL THICKNESS (.650)	1	LF	\$ 162 ⁰⁰	\$ 162 ⁰⁰
	J. SANITARY SEWER MAINS, 36" DIAMETER				
	1. 10.5 MM NOMINAL THICKNESS (.413)	1	LF	\$ 170 ⁰⁰	\$ 170 ⁰⁰
	2. 12.0 MM NOMINAL THICKNESS (.472)	1	LF	\$ 180 ⁰⁰	\$ 180 ⁰⁰
	3. 13.5 MM NOMINAL THICKNESS (.531)	1	LF	\$ 194 ⁰⁰	\$ 194 ⁰⁰

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	1. INSTALLATION OF CURED-IN-PLACE LINER (CON'T)				
	I. SANITARY SEWER MAINS, 30" DIAMETER				
	1. 10.5 MM NOMINAL THICKNESS (.413)	1	LF	\$ 130 ⁰⁰	\$ 130 ⁰⁰
	2. 12.0 MM NOMINAL THICKNESS (.472)	1	LF	\$ 138 ⁰⁰	\$ 138 ⁰⁰
	3. 13.5 MM NOMINAL THICKNESS (.531)	1	LF	\$ 146 ⁰⁰	\$ 146 ⁰⁰
	4. 15.0 MM NOMINAL THICKNESS (.591)	1	LF	\$ 154 ⁰⁰	\$ 154 ⁰⁰
	5. 16.5 MM NOMINAL THICKNESS (.650)	1	LF	\$ 162 ⁰⁰	\$ 162 ⁰⁰
	J. SANITARY SEWER MAINS, 36" DIAMETER				
	1. 10.5 MM NOMINAL THICKNESS (.413)	1	LF	\$ 170 ⁰⁰	\$ 170 ⁰⁰
	2. 12.0 MM NOMINAL THICKNESS (.472)	1	LF	\$ 180 ⁰⁰	\$ 180 ⁰⁰
	3. 13.5 MM NOMINAL THICKNESS (.531)	1	LF	\$ 194 ⁰⁰	\$ 194 ⁰⁰

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	1. INSTALLATION OF CURED-IN-PLACE LINER (CON'T)				
	I. SANITARY SEWER MAINS, 30" DIAMETER				
	1. 10.5 MM NOMINAL THICKNESS (.413)	1	LF	\$ 130 ⁰⁰	\$ 130 ⁰⁰
	2. 12.0 MM NOMINAL THICKNESS (.472)	1	LF	\$ 138 ⁰⁰	\$ 138 ⁰⁰
	3. 13.5 MM NOMINAL THICKNESS (.531)	1	LF	\$ 146 ⁰⁰	\$ 146 ⁰⁰
	4. 15.0 MM NOMINAL THICKNESS (.591)	1	LF	\$ 154 ⁰⁰	\$ 154 ⁰⁰
	5. 16.5 MM NOMINAL THICKNESS (.650)	1	LF	\$ 162 ⁰⁰	\$ 162 ⁰⁰
	J. SANITARY SEWER MAINS, 36" DIAMETER				
	1. 10.5 MM NOMINAL THICKNESS (.413)	1	LF	\$ 170 ⁰⁰	\$ 170 ⁰⁰
	2. 12.0 MM NOMINAL THICKNESS (.472)	1	LF	\$ 180 ⁰⁰	\$ 180 ⁰⁰
	3. 13.5 MM NOMINAL THICKNESS (.531)	1	LF	\$ 194 ⁰⁰	\$ 194 ⁰⁰

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1. INSTALLATION OF CURED-IN-PLACE LINER (CON'T)					
J. SANITARY SEWER MAINS, 36" DIAMETER (CON'T)					
4.	15.0 MM NOMINAL THICKNESS (.591)	1	LF	\$ 208 ⁰⁰	\$ 208 ⁰⁰
5.	16.5 MM NOMINAL THICKNESS (.650)	1	LF	\$ 220 ⁰⁰	\$ 220 ⁰⁰
6.	18.0 MM NOMINAL THICKNESS (.709)	1	LF	\$ 236 ⁰⁰	\$ 236 ⁰⁰
K. PRESSURE PIPE RECONSTRUCTION (FORCE MAINS)					
1.	8-INCH DIAMETER	10	LF	\$ 105 ⁰⁰	\$ 1050 ⁰⁰
2.	16-INCH DIAMETER	560	LF	\$ 205 ⁰⁰	\$ 114,800 ⁰⁰
2. ANCILLARY SERVICES					
A. BY-PASS PUMPING, 8" TO 18" DIAMETER ONLY					
1.	8" SEWER FLOW	1,800	LF	\$ 1 ⁰⁰	\$ 1800 ⁰⁰
2.	10" SEWER FLOW	300	LF	\$ 1 ⁰⁰	\$ 300 ⁰⁰
3.	12" SEWER FLOW	240	LF	\$ 2 ⁰⁰	\$ 480 ⁰⁰
4.	15" SEWER FLOW	240	LF	\$ 2 ⁰⁰	\$ 480 ⁰⁰
5.	18" SEWER FLOW	240	LF	\$ 3 ⁰⁰	\$ 720 ⁰⁰

NAME OF QUOTER INSITUFORM TECHNOLOGIES, INC

**SCHEDULE OF PRICES
ESTIMATED QUANTITIES FOR SANITARY SEWER
REHABILITATION THROUGH THE INSTALLATION OF
INSITUFORM PROCESS**

ITEM NO.	DESCRIPTION	ESTIMATED USAGE	UNIT	UNIT PRICE	TOTAL PRICE
B.	SANITARY SEWER REHABILITATION (CON'T)				
	2. ANCILLARY SERVICES (CON'T)				
	B. BY-PASS PUMPING, LARGER THAN 18" DIAMETERS				
	PUMP SET UP				
	1. 4" PUMP	1	EA	\$ 550 ⁰⁰	\$ 550 ⁰⁰
	2. 6" PUMP	1	EA	\$ 760 ⁰⁰	\$ 760 ⁰⁰
	3. 8" PUMP	1	EA	\$ 870 ⁰⁰	\$ 870 ⁰⁰
	4. 10" PUMP	1	EA	\$ 980 ⁰⁰	\$ 980 ⁰⁰
	5. 12" PUMP	1	EA	\$ 1200 ⁰⁰	\$ 1200 ⁰⁰
	C. PUMP OPERATION (PER HOUR PER PUMP)				
	1. 4" PUMP	5	HR	\$ 30 ⁰⁰	\$ 150 ⁰⁰
	2. 6" PUMP	10	HR	\$ 50 ⁰⁰	\$ 500 ⁰⁰
	3. 8" PUMP	5	HR	\$ 75 ⁰⁰	\$ 375 ⁰⁰
	4. 10" PUMP	1	HR	\$ 110 ⁰⁰	\$ 110 ⁰⁰
	5. 12" PUMP	1	HR	\$ 148 ⁰⁰	\$ 148 ⁰⁰
	D. MOBILIZATION (IF NECESSARY)	1	LS	\$ 5,000 ⁰⁰	\$ 5000 ⁰⁰
	E. STANDARD SERVICE RECONNECTION	160	EA	\$ 100 ⁰⁰	\$ 16,000 ⁰⁰

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REHABILITATION THROUGH THE INSTALLATION OF
INSITUFORM PROCESS**

ITEM NO.	DESCRIPTION	ESTIMATED USAGE	UNIT	UNIT PRICE	TOTAL PRICE
B.	SANITARY SEWER REHABILITATION (CON'T)				
	2. ANCILLARY SERVICES (CON'T)				
	F. TRENCHLESS LATERAL RECONSTRUCTION SYSTEM				
	1. CURED-IN-PLACE LATERAL SEAL	99	EA	\$ 600 ⁰⁰	\$ 59,400 ⁰⁰
	2. SERVICE RECONSTRUCTION UP TO 20 LINEAR FEET	49	EA	\$ 3,060 ⁰⁰	\$ 149,940 ⁰⁰
	3. ADDITIONAL FOOTAGE	100	EA	\$ 100 ⁰⁰	\$ 10,000 ⁰⁰
	4. ADDITIONAL FOR STACK SERVICE	1	EA	\$ 500 ⁰⁰	\$ 500 ⁰⁰ C.A.
	5. CLEANOUT INSTALLATION, GRASSED AREA <=5 FT. DEEP	40	EA	\$ 600 ⁰⁰	\$ 24,000 ⁰⁰
	6. CLEANOUT INSTALLATION, GRASSED AREA >5 FT DEEP	10	EA	\$ 750 ⁰⁰	\$ 7,500 ⁰⁰
	7. CLEANOUT INSTALLATION, IN ASPHALTED AREA, WITH BOX <=5 FT DEEP	1	EA	\$ 1,500 ⁰⁰	\$ 1,500 ⁰⁰
	8. CLEANOUT INSTALLATION, IN ASPHALTED AREA, WITH BOX >5 FT DEEP	1	EA	\$ 2,000 ⁰⁰	\$ 2,000 ⁰⁰
	9. CLEANOUT INSTALLATION IN CONCRETE, WITH BOX <=5 FT DEEP	1	EA	\$ 2,000 ⁰⁰	\$ 2,000 ⁰⁰

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ESTIMATED QUANTITIES FOR SANITARY SEWER
REHABILITATION THROUGH THE INSTALLATION OF
INSITUFORM PROCESS**

ITEM NO	DESCRIPTION	ESTIMATED USAGE	UNIT	UNIT PRICE	TOTAL PRICE
B.	SANITARY SEWER REHABILITATION (CON'T)				
	2. ANCILLARY SERVICES (CON'T)				
	F. TRENCHLESS LATERAL RECONSTRUCTION SYSTEM (CON'T)				
	10. CLEANOUT INSTALLATION, IN CONCRETE, WITH BOX >5 FT DEEP	1	EA	\$ 2500 ⁰⁰	\$ 2500 ⁰⁰
	G. EASEMENT ACCESS, ADDITIONAL				
	1. <= 12-INCH DIAMETER	300	LF	\$ 3 ⁰⁰	\$ 900 ⁰⁰
	2. > 12-INCH DIAMETER	300	LF	\$ 5 ⁰⁰	\$ 1500 ⁰⁰
	H. BLIND SHOTS, ADDITIONAL				
	1. SET UP	1	EA	\$ 2500 ⁰⁰	\$ 2500 ⁰⁰
	I. TRAFFIC CONTROL				
	1. FLAGMAN, EACH	40	EA	\$ 88 ⁰⁰	\$ 3520 ⁰⁰
	2. ARROW BOARD, EACH	5	DAY	\$ 160 ⁰⁰	\$ 800 ⁰⁰
	3. BARRICADES, EACH	50	DAY	\$ 1 ⁰⁰	\$ 50 ⁰⁰
	4. LANE DIVIDERS, EACH	5	DAY	\$ 50 ⁰⁰	\$ 250 ⁰⁰
	TOTAL				\$ 753,587 ⁰⁰

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