



**TOWN OF STRATFORD  
PURCHASING DEPARTMENT  
STRATFORD, CONNECTICUT**

BID No. 2014-072

Issued : October 1, 2014

Subject : Sewer Video Inspection

The Town of Stratford through the Office of the Purchasing Agent, will receive SEALED BIDS for furnishing the equipment described in the accompanying specifications, in accordance with the instructions, conditions and reservations that follow:

**A. CLOSING DATE:**

Bids will be received until 3:00 pm October 14, 2014, at which time they will be publicly opened and read. All bidders are invited to attend this public opening, which will be held immediately following the closing time specified above, in the Office of the Purchasing Agent, Room 202, Town Hall, 2725 Main Street, Stratford, CT 06615.

Any bid may be withdrawn prior to the above-scheduled time for receiving bids or authorized postponement thereof. Any bids received after the date and time specified shall NOT be considered. No bidder may withdraw a bid within 45 days after the actual opening thereof.

## **B. INSTRUCTIONS:**

Bid proposals are to be submitted (**TWO COPIES**) in a sealed envelope and clearly marked with the bid number and description on the outside of the envelope, including all outer packaging (DHL, FedEx, UPS, etc).

Bids must be delivered to:

Purchasing Department  
Stratford Town Hall – Rm 202  
2725 Main Street  
Stratford, CT 06615

## **C. CONDITIONS:**

### **Bid Surety:**

A bid surety is not required.

**Payment:** Final payment will be made upon the acceptance of the completed work by an authorized representative of the Town of Stratford. NO partial payments will be made. Invoices covering the work specified herein should be forwarded to the Purchasing Department upon completion of the project.

**Taxes:** The Town of Stratford is exempt from all State and Federal taxes. Do not include these amounts in your quotation.

**Addendums:** All addendums will be posted on the town website, [www.townofstratford.com](http://www.townofstratford.com). It is the responsibility of the bidder to check the website for any addendums before submitting their bid.

**F.O.B. Destination:** All prices quoted must be net delivered to destination.

**Conflict of Interest:** No public official or employee shall, while serving as such, have any financial interest or engage in any business, employment, transaction or professional activity or incur any obligation of any nature which is in substantial conflict with the proper discharge of his/her duties or employment in the public interest.

## **D. RESERVATIONS:**

The Town of Stratford may consider informal any bid not prepared and submitted to the Town in accordance with the provisions herein stated. The Town of Stratford reserves the right to reject any or all bids or parts of bids; to waive defects in same bids; or to accept any bid or part thereof deemed to be in the best interests of the Town of Stratford.

## Specifications

### Sewer Video Inspection

General Description: The Town of Stratford is interested in securing video inspection services for various size lengths and types of sanitary and storm sewers. The firm shall demonstrate in the bid proposal experience in working with municipalities for inspection of sewer pipes and culverts and shall have the proper equipment to clean, inspect, record and fully document the inspection and shall provide all labor and materials necessary to complete the job.

1. The inspection firm shall inspect the interior of pipes and manholes using a robotically controlled camera. The contractor shall perform a routine cleaning of the pipes prior to inspection (minor roots, grease, sediment, leaves, etc). The inspection shall be able to identify defects in the pipe and any observable situation occurring within the pipe, including but not limited to: evidence of grease build up, evidence of infiltration, evidence of unusual discharge, locations of connects, condition of pipe structure, condition of pipe installation including sags and joint integrity, evidence of roots, evidence of debris, etc.

Record observations in digital format and submit a DVD to the Town including audio narrative and video of the inspection. Submit a written report that identifies the location of the observations. Payment will be made after receipt and acceptance of the report, based on the footage of pipe inspected.

2. a.) In the report, identify the starting and ending manhole with a unique description so that it is clear to the Town which pipe is being inspected and the direction of flow. If the Town has unique identifying numbers, use these numbers in the report and all submittals. Provide a drafted sketch of the pipes to further clarify which pipes are being inspected. The report shall be provided in paper and digital format. The digital format version shall have each pipe segment inspected in a separate digital file. No additional payment will be made for this work, as the cost shall be included in the price of the inspection, however, no payment will be made until a clear report / sketch have been received.

b.) Each pipe segment shall be a separate digital file. The digital file shall be named by the street name / then by the manhole numbers (or other unique identifier) / then by the date in mm-dd-yyyy format.

c.) Perform an assessment of the condition of the pipe inspected and include the results in the written report.

d.) Perform an assessment of the condition of the manholes inspected and complete and return the attached form for each manhole (paper and digital format) along with the pipe inspection report.

3. The robot footage meter shall be properly and accurately calibrated to record the actual locations of the features, especially locations of connection taps.

4. It may be necessary to perform heavy duty cleaning of the pipe to remove severe blockages found to be inhibiting inspections (thick roots, solidified grease, cobbles, bricks, accumulated grit and sediment, etc), which may require different equipment than routine jet cleaning for inspections. If different equipment is needed to remove a blockage, this work will be paid for by the bid item for removing blockages for each blockage removed which would require the additional equipment. For extraordinary blockages that cannot be cleaned, the contractor shall immediately move to another segment of pipe and continue his operations for the day. Material removed shall be brought to a site designated by the town for processing. Payment for this work shall be made for each location that additional equipment is needed.

5. Provide traffic protection signage, cones and barriers around equipment during the inspection. On certain streets, police protection may be required. In these cases, the need for police shall be reviewed with the public works director. Once the need is identified, the inspection firm will be responsible for scheduling the officer; however, the Town shall pay for the cost of the officer. No additional payment will be made for this work, as the cost shall be included in the price of the operation.

On state roads, permission may be needed from the State Department of Transportation. This permission shall be obtained by the contractor, who shall also bear any costs associated with obtaining this permission.

**6.** Inspections at a particular street shall be performed within two weeks of being requested by the Town and continuously prosecuted until that request is complete. Several streets will be planned for each request.

**7.** The firm shall submit an insurance certificate in accordance with the requirements of the Purchasing Agent.

**8.** This is an on-call contract for the engineering department from now until December 2015. The Town reserves the right, if mutually agreed in writing, to extend the terms of the contract for a period of one additional year. The quantities are for bid comparison only. Payment will be made for only the quantity items actually ordered and completed as funding permits.

**9.** Provide a cost per day and per half day for time spent on scenarios not anticipated above.

**10.** Provide three references for similar work completed in Connecticut.

**11.** Upon request from the town, provide insurance certificate naming the town additionally insured in accordance with the purchase agent's requirements.

Bid Form  
Sewer Inspection  
Town of Stratford  
Bid No.

<u>Item Description</u>	<u>Quantity</u>	<u>Unit Cost</u>	<u>Total Cost</u>
Remove blockages 8"-12 " san pipe	50 EA	_____	_____
Remove blockages 15"-24": san pipe	20 EA	_____	_____
Remove blockages 27"- 36" san pipe	20 EA	_____	_____
Remove blockages 12"- 24" storm pipe	20 EA	_____	_____
Remove blockages 27" - 48" storm pipe	20 EA	_____	_____
Clean & Inspect 8"– 18" sanitary pipe	20,000LF	_____	_____
Clean & Inspect 21"- 36" sanitary pipe	2,000LF	_____	_____
Clean & Inspect 12"-48" storm pipe	2,000LF	_____	_____
Provide an inspection of Manhoels	75 EA	_____	_____
Unanticipated service 1/2 day	6 EA	_____	_____
Unanticipated service full day	6 EA	_____	_____

TOTAL BID \_\_\_\_\_

SUBMITTED BY:

\_\_\_\_\_  
(Name)  
\_\_\_\_\_  
(Company)  
\_\_\_\_\_  
(Address)  
\_\_\_\_\_  
(Telephone)

DATE: \_\_\_\_\_

Town of Stratford WPCA  
Manhole Inspection Form

Location _____	MH Id Number _____			
Date: _____ Time: _____	Sewershed Number _____			
Inspectors _____	<table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td style="padding: 2px;">Photos?</td> <td style="padding: 2px;">Yes</td> <td style="padding: 2px;">No</td> </tr> </table>	Photos?	Yes	No
Photos?	Yes	No		

Manhole depth (cover to invert) \_\_\_\_\_

Manhole environment	Paved	Grass	Other _____
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MH cover	Flush w/pavement	Below grade _____ inches	Raised _____ (inches)
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Cover material	Cast iron	Other _____	Condition:	Good	Fair	Poor
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Holes?	Yes	Number	Diameter	No				
	If no holes, is MH vented?		Yes	No	Condition:	Good	Fair	Poor

Frame:	_____ Flush with walls	Offset	_____ inches	Comment: _____
	Chimney?	No	Yes	Material _____
	Height: _____			

Wall Material	Precast	Brick	Block	Other _____
	If Precast, Number of joints? _____	Any Infiltration? _____	Yes/No	Rate? _____
	<i>draw location on sketch below</i>			
	Wall Condition	Good	Fair	Poor
	Comments: _____			

Steps?	None	Yes	Number	Condition:	Good	Fair	Poor
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Benchwall Material	Concrete	Brick	Other _____	
	Benchwall Condition	Good	Fair	Poor
	Debris? _____			

Invert Material	Concrete	Brick	Other _____	Debris? _____
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Drop Connections?	No	Yes	Type (Inside/Outside) and Number: _____
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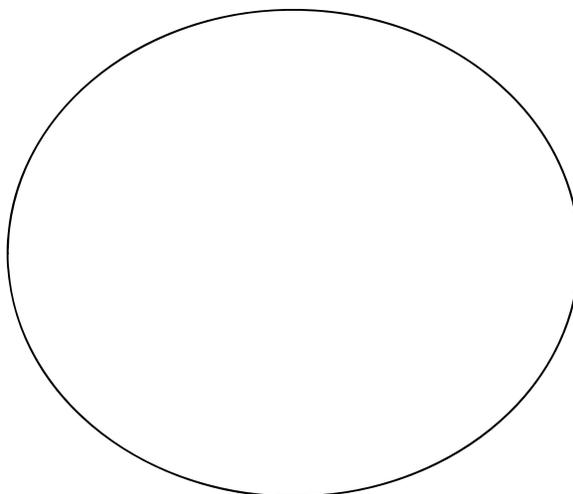
Evidence of Surcharging?	No	Yes	Height from invert _____
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Sketch Evidence of Infiltration

Describe Location(s): \_\_\_\_\_

Rate(s): \_\_\_\_\_

**MANHOLE SKETCH:**



Note to inspector:

- label all pipes entering and leaving manhole, along with direction of flow
- where possible, indicate nearest upstream and downstream manhole for each pipe  
(i.e. incoming arrow with "From MH\_\_\_\_", or "lateral from \_\_\_\_")

Clock  
Orientation

Pipe  
Size

Pipe  
Material

Rim to invert  
Distance

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