



Town Hall
18 Depot Hill Road
Henniker, NH 03242

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Incorporated November 10, 1768
"Only Henniker on Earth"

TOWN OF HENNIKER, NEW HAMPSHIRE

STAFF REPORT

DATE: 5/6/2024

TITLE: Wastewater Treatment Collection System 2024 Clean and cameraing.

INITIATED BY: **Richard Slager, Wastewater Superintendent**

PREPARED BY: Richard Slager, Wastewater Superintendent

PRESENTED BY: Richard Slager, Wastewater Superintendent

AGENDA DESCRIPTION:

We went out to bid for our 2024 collection system clean and CCTV inspection for 13,030 feet of sanitary sewer pipe.

We received 2 bids: 1. Eastern Pipe Service for \$31,652.24

2. Vortex Services (previously Ted Berry Co.) for \$22,811.25

I recommend the low bidder, Vortex Services, they have worked for the Town for several years, their last time was last summer doing cured in place pipe repairs.

Legal Authority: N/A

Financial Details: See Above

Town Administrator Comment: N/A

Suggested Action/Recommendation:

Suggested Motion: Motion to award collection system clean and CCTV inspection to Vortex Services for \$22,811.25

BID #: 09-2024

BID NAME: Wastewater Treatment Collection System Maintenance

DUE DATE & TIME: May 6, 2024 2 PM

BIDS OPENED BY: Hank Bernstein, Administrative Assistant & Jean Colby, Finance Assistant

| Company | Address | Bid Amount |
|----------------------|------------------------------------|--|
| Vortex Services | 521 Federal Rd Livermore ME | \$22,811.25 |
| Eastern Pipe Service | 2 Thibeault Drive Bow, NH 03304 | Cleaning \$15,826.12 Televising \$15,826.12 Both \$31,652.24 |



Eastern Pipe Service, LLC

April 11, 2024

Ms. Diane Kendall, Town Administrator
Town of Henniker
18 Depot Hill Road
Henniker, NH 03242

RE: Wastewater Treatment Collection System Maintenance Bid 2024
Bid Date : May 06, 2024 – 2:00 PM

Dear Ms. Kendall:

In accordance with the RFP Bid 2024, we are pleased to have the opportunity to offer a cost Proposal for cleaning and televising 12,763 feet of sanitary sewers listed in the 2024 Scope of Work details Item 1 – 9 as follows:

| | |
|---|---------------|
| Item 1 – The Oaks - Western Ave – W H Pumping Station | (8") 273 LF |
| | (10") 1510 LF |
| Item 2 – Western Ave | (10") 433 LF |
| Item 3 – Gould St | (10") 757 LF |
| Item 4 – School Lot – Bridge St – Main St | (8") 784 LF |
| Item 5 - Rush Rd | (8") 1185 LF |
| Item 6 – Maple St (Rte 114) | (8") 3787 LF |
| Item 7 – Main St & Ramsdell Rd. | (12") 2586 LF |
| Item 8 – Syphon Chamber – R.R. Pump station | (6") 600 LF |
| | (8") 600 LF |
| Item 9 – Crescent St | (8") 520 LF |

Total Project Quantity = 12,763 feet

Eastern Pipe Service can furnish all equipment, personnel and workmanship for cleaning and CCTV Color Pan & Tilt USB video inspection of these designated sanitary sewers at the unit cost listed separate as follows:

- Cleaning 12,763 feet, 2 men, w/ traffic control flagging = \$1.24/LF = \$15,826.12
- Televising 12,763 feet, 2 men w/traffic control flagging = \$1.24/LF = \$15,826.12
- Clean & TV 12,763 feet, 2 men w/ traffic control flagging = \$2.48/LF = \$31,652.24

TV evaluation would be performed as described in the National Association of Sewer Service Companies PACP (Pipeline Assessment Certification Program) inspection format and standardize rating system. Electronic TV USB reports (1 digital) would be delivered with recommendations on rehabilitation methods of any system defects discovered. Vacuum will be used the entire time while cleaning, screens to catch debris at the discharge side of manholes. Clean & TV Services will be based on an 8 hour work day with two operators for each truck. Traffic control flagging with appropriate sign package at locations listed in the Scope of Work.



Eastern Pipe Service, LLC

To complete the work at the cost offered, the Town of Henniker, should furnish, at no cost to Eastern Pipe Service the following:

1. Any mapping MH numbering or street locations to be inspected.
2. Access to all Manholes not paved over or buried.
3. Water from 1 ½" service @ WWTP, Fire Dept, or pumped from river.
4. Any notification, permits for work on State Roads.
5. All debris disposed of at WWTP.
6. No dumping of water back into the sewer main location will be designated by owner.

Attached please find the Eastern Pipe Service Cleaning and CCTV inspection, work history of similar projects experience and a listing of equipment and assets available to perform this work. EPS would be available to provide any future service, maintenance and support.

Sincerely,

Wind River Environmental

Dba: Eastern Pipe Service

Richard Berthiaume

Manager



Eastern Pipe Service, LLC

Wind River Environmental

DBA: Eastern Pipe Service is a New England based company providing rehabilitation of municipal and industrial sewer systems with more than 40 years' experience in the field of Sanitary Sewer Maintenance, Rehabilitation and Video Investigation. Company principals are Mark Thompson, Owner and Richard G. Berthiaume, General Manager.

Wind River Environmental recently acquired ownership in 2021 we continue dba: Eastern Pipe Service.

Eastern Pipe Service is a member of the National Association of Sewer Service Companies (NASSCO) and National Utility Contractors Association.

Richard G. Berthiaume

General Manager, Eastern Pipe Service, LLC

Contractor's Designated Project Manager - NASSCO Certification Program PACP #U-606-3470

Experience with over 8 Million feet of CCTV Video Inspection

Permaliner CIPP Liner Certified Installer

Hubert Thompson

Manager, Eastern Pipe Service, LLC

Secondary Project Manager: Hubert Thompson, General Manager

with Felix Septic Service, Inc. NASSCO Pipeline Assessment

Certification Program PACP #U-212-14644

Experience with over 4 Million feet of CCTV Video Inspection

Permaliner CIPP Liner Certified Installer



Todd Burns

Superintendent, Eastern Pipe Service, LLC.

Field Superintendent -NASSCO Pipeline Assessment Certification Program PACP #U-212-14636

Experience with over 8 Million feet of CCTV Video Inspection

TV Inspection

EPS has the right camera for every diameter and application. We use all color pan & tilt 360 degree rotation cameras. Three units available equipped to complete inspections up to 1000 feet in either direction. Our inspection vehicles are also equipped with both small and large diameter transporter for pipes 6 inch to 60 inch. When tractors are stopped, EPS can still get the job done with manhole to manhole winch pulling capabilities. Closed Circuit PACP compliant TV inspection software produces computerized reports with digital video capture.

Eastern Pipe Service will assure adequate and timely completion of this project. We offer the following Listing of Equipment Available to Perform Sewer Cleaning and CCTV Inspection work.

EPS 3 – 2015 Ques Lamp II TV Truck – Pan & Tilt Lateral TV Capability – Granite.NET Software

EPS 2 – 2019 Ques TV Cutter Truck- Ques Pan & Tilt TV Capability – Granite NET - Reporting Software



Eastern Pipe Service, LLC

EPS 7 – Mercedes Sprinter TV Van – Verisight Robotic Rover 125 TV – Granite.NET, Reporting Software

VACTOR 2115 Plus Combination Jet/VAC Cleaners – 3 Available

2019 VACTOR 2115 Plus – 1500 Gallon Water Tank – 15 CY Debris Tank – 3800 CFM Triplex VAC System

2015 VACTOR 2115 Plus – 1500 Gallon Water Tank – 15 CY Debris Tank – 3800 CFM Triplex VAC System

2013 VACTOR 2115 Plus – 1500 Gallon Water Tank – 15 CY Debris Tank – 3800 CFM Triplex VAC System

2010 Sterling Camel – 1200 Gallon Water Tank – 10 CY Debris Tank – 2500 CFM Air/VAC System



Eastern Pipe Service, LLC

Eastern Pipe Service – Sewer Line Cleaning, Television Inspection - Work History of Similar Projects All completed on time and within budget. References:

City of Laconia NH – DPW RFP 20-07-01 On Call Trenchless Pipe Lining Services
2022 – Franklin St – 1269 FT – 8 inch Mainline Permaliner CIPP Liner – Bypass Pumping
2022 – Weirs Blvd – 44+163 FT – 12 Inch Mainline Permaliner CIPP Liner – Bypass Pumping
Mr. Matt Mooney – DPW Collection Systems Coordinator – 603-528-6379

- South Berwick ME Sanitary District – WWTP – Mr Scott Perry 207-384-0091
2022 – PACP – CCTV Investigation Services – 20,000 LF
2020 – PACP – CCTV Investigation Services – 20,000 LF
2019 – Main St – QTY 11, 2,381 FT 10 Inch Permaliner Mainline CIPP Lining Bypass Pumping
2020 – Berwick Rd – QTY 2 – 155 FT, 152 FT - 10 Inch Permaliner Mainline CIPP Lining

2022 – Town of Salem NH – CCTV I/I Investigations – 2271 FT – Lateral Launch TV
2021 – Town of Salem NH – PACP CCTV I/I Investigations – Basin G – 25,000 FT
Underwood Engineers – Portsmouth NH 03801 – MR. Cole Melendy P.E. 603-436-6192
Mr, Thadeus Webb P.E. 603-436-6192

Town of Hinsdale – Water & Sewer Superintendent - Mr. Jack White – 603-336-5715
WWTP – Mr Ernest Smalley – 603-336-5714
2023 – QTY 2,000 FT – 8 Inch Permaliner Mainline CIPP Lining
2022 – PACP CCTV Investigation – 7,450 LF
2016, 2013 Hinsdale, NH – Indian Acres Area – Cleaning & CCTV – Tap Cutting – 12,292 LF

2021 – Conway Village Fire District – PACP CCTV I/I Investigations – 22,322 FT
Underwood Engineers – Concord NH – Mr. Ross Baker. P.E. 603-230-9898
2022 – Conway Village Fire District - Main St – QTY 2,000 FT 8 - 12 Inch Permaliner CIPP Lining
Mr Bruno Vallieres Superintendent – 603-447-5470

2023/2018 Town of Pittsfield NH – Annual Mainline CIPP Lining Services
2015/2014 Town of Pittsfield NH – Cleaning and CCTV Inspection – 35,413 LF
Mr. William Gilpatric – WWTP Superintendent – 603-435-8857

2022 – Town of Lancaster NH – Sewer Line Cleaning & PACP CCTV Inspection – 4,000 FT
2022 – Main St – QTY 2,200 FT 10 Inch Permaliner Mainline CIPP Lining Bypass Pumping
2023 – Middle St Bunker Hill – QTY 1313 FT 8 Inch Permaliner Mainline CIPP Lining
Mr Tim Bilodeau – Superintendent – 603- 788-3201

2023 City of Franklin NH – Cross Country CCTV Glory Ave ROW – 2000 FT
Underwood Engineers – Concord NH – Mr. Connor West Geary PE – 603-230-9898



VORTEX

services

| | |
|--|-------------------------------|
| To: Town of Henniker, NH | Contact: Diane Kendall |
| Address: 18 Depot Hill Rd | Phone: |
| | Email: |
| Project Name: NH - Henniker - Wastewater Collection System Maintenance 2024 | Bid Number: 2430401 |
| Project Location: Henniker, NH | Bid Date: 5/7/2024 |

| Item # | Item Description | Estimated Quantity | Unit | Unit Price | Total Price |
|-----------------|---|--------------------|------|------------|-------------|
| CCTV | | | | | |
| 2 | Oaks-Western Ave - WH Pump Station (8"&10") | 1,783.00 | LF | \$0.60 | \$1,069.80 |
| 4 | Western (8") | 433.00 | LF | \$0.60 | \$259.80 |
| 6 | Gould St (8") | 757.00 | LF | \$0.60 | \$454.20 |
| 8 | School Parking Lot - Bridge St - Main St (8") | 784.00 | LF | \$0.60 | \$470.40 |
| 10 | Rush Rd | 1,185.00 | LF | \$0.60 | \$711.00 |
| 12 | Maple St (8") | 3,787.00 | LF | \$0.60 | \$2,272.20 |
| 14 | Main St - Ramdsell Rd (12") | 2,586.00 | LF | \$0.60 | \$1,551.60 |
| 16 | Siphon Chamber To PS 2 Lines (6" & 8") | 1,200.00 | LF | \$0.60 | \$720.00 |
| 18 | Crescent St (8") | 520.00 | LF | \$0.60 | \$312.00 |
| Cleaning | | | | | |
| 1 | Oaks-Western Ave - WH Pump Station (8"&10") | 1,783.00 | LF | \$1.15 | \$2,050.45 |
| 3 | Western (8") | 433.00 | LF | \$1.15 | \$497.95 |
| 5 | Gould St (8") | 757.00 | LF | \$1.15 | \$870.55 |
| 7 | School Parking Lot - Bridge St - Main St (8") | 784.00 | LF | \$1.15 | \$901.60 |
| 9 | Rush Rd | 1,185.00 | LF | \$1.15 | \$1,362.75 |
| 11 | Maple St (8") | 3,787.00 | LF | \$1.15 | \$4,355.05 |
| 13 | Main St - Ramdsell Rd (12") | 2,586.00 | LF | \$1.15 | \$2,973.90 |
| 15 | Siphon Chamber To PS 2 Lines (6" & 8") | 1,200.00 | LF | \$1.15 | \$1,380.00 |
| 17 | Crescent St (8") | 520.00 | LF | \$1.15 | \$598.00 |

Total Bid Price: \$22,811.25

Notes:

- Our bid proposal as submitted reflects the current material pricing established on or before the bid date listed within our proposal. In the event of unforeseen price increases of our raw materials, Vortex reserves the right to adjust our unit rate or overall bid proposal accordingly to account for such price increases.
- Payment terms: Net 30 days. Interest will be added to balances outstanding after 30 days
- Vortex Services LLC Equipment

Combination Jet/Vac Truck equipped with 1" hose and operates at 80 GPM @ 2500 PSI. These units are capable of jetting and vacuuming of materials at the same time Water tanks will be capable of a minimum of 1200g. Debris body will be capable of holding a minimum of 10 cu/yards of material. Drain ports will be able to separate water from the solid material in debris body. Vacuum will be capable of lifting heavy materials such as dirt, rocks, bricks, sludge, etc. from manholes and wet wells. There will be a minimum of 25' of 8" vacuum tube on each truck.

Mainline CCTV Unit with studio style climate controlled control room onboard with room for owner representative.

- Deliverables: one copy of I.T. Pipes or Granite Net Viewer in digital format. The Manhole and Line Reports will be provided in both printed and .pdf digital media format.

Includes all line reports. Line reports are a compilation of data gathered during an inspection typically starting at one manhole or entry point and ending at a manhole or exit point. Data gathered includes but is not limited to: pipe size, pipe type, starting point, ending point, distance, observations of interior pipe conditions, observation photos, observation descriptions, etc.

Includes all .jpeg photos taken during the inspection. Photos are typically taken to show the start of the inspection, pipe deformations, existing debris build-up inside the pipe section, inspection end point, etc.

Includes all .wmv videos. Individual video files are created for each pipe section inspected.

I.T. Pipes Viewer includes a print manager option which allows owner to print additional or future line reports

Recommend rehabilitation for observed level 4 & 5 pipeline defects.

- Differing conditions:

Broken pipe or structure- All attempts will be made to clean and/or inspect through condition however may result in a termination of cleaning and/or inspection of the individual line segment.

Obstructed pipe or structure- All attempts will be made to clean and/or inspect through condition however may result in a termination of cleaning and/or inspection of the individual line segment.

Unknown changes in pipe direction or change in pipe ID- All attempts will be made to clean and/or inspect through change in direction and/or pipe ID however may result in a termination of cleaning and/or inspection of the individual line segment.

Flows in the gravity piping higher than anticipated by the owner - If flows in the wastewater system are higher than anticipated all attempts will be made to clean and/or inspect through condition however may result in a termination of cleaning and/or inspection of the individual line segment.

Items in the pipe larger than to be anticipated: In some cases very large items such as rocks are found in a pipe or structure, although it is within the scope of work for TBC to remove these items it is practical to limit the reasonable and anticipated size of such items. The following list defines what is excluded from TBC responsibilities. Pipe size 6"-18": Items greater than 50% of the pipes nominal I.D.

- Indemnification. Vortex shall and does hereby agree to indemnify, save harmless and defend the Town of Henniker from the payment of any sum or sums of money to any person whomsoever on account of claims or suits growing out of injuries to persons, including death, or damages to property, caused by Vortex, its employees, agents or sub-contractors or in any way attributable to the negligent performance and execution of the work herein contracted for.
- The Town of Henniker recognizes and acknowledges: (a) that the specialized nature of Vortex services as they relate to pipes and sewer lines involves the removal of light to heavy debris, often preventing adequate flow; (b) that the services to be provided under this Agreement involve robotic CCTV inspection and may implicate conditions not readily discernable prior to the issuance of a Notice to Commence Work by the Town of Henniker; and (c) that pipe cleaning, including root removal and the removal of debris, flushing, and vacuuming of sewer lines or pipes, may be impacted by pipe damage or conditions such as broken, cracked, offset, collapsed, eroded, corroded or otherwise deteriorated pipe. In light of the foregoing acknowledgements, and the preceding indemnification provision notwithstanding, Vortex shall not be responsible to the Town of Henniker or any third party for any sums of money on account of any claims or suits arising by reason of the condition of the pipe or sewer lines encountered by Vortex in rendering services hereunder, including conditions precipitating pipe collapse, deteriorated/corroded pipe, the compromised structural integrity of pipe, and unanticipated back up and discharge flows, including resultant residential or third party impacts.

It is the intention of this section to hold Vortex responsible for the payment of any and all claims, suits, or liens attributable to or asserted against the Town of Henniker which relate solely to the negligent performance of Vortex and do not implicate the conditions encountered by Vortex in rendering services to the Town of Henniker hereunder. In the event the liability of Vortex shall arise by reason of the negligence of the Town of Henniker and/or the negligence of the Town of Henniker's agents, servants or employees, then, Vortex shall not be liable under the provisions of this Section and the Town of Henniker shall indemnify, save harmless and defend Vortex from the payment of any sum or sums of money to any person whomsoever on account of claims or suits related thereto.

ACCEPTED:

The above prices, specifications and conditions are satisfactory and are hereby accepted.

Buyer:

Signature:

Date of Acceptance:

CONFIRMED:

Vortex Services LLC

Authorized Signature:

Estimator: Patrick Holland

(207) 530-0937

patrick.holland@vortexcompanies.com