

NOTICE TO BIDDERS

In accordance with Section 103 of Article 5-A of the General Municipal Law, notice is hereby given that sealed Bids are sought and requested by the **Wayne County Water & Sewer Authority** for a **CCTV Pipeline Inspection Camera**.

A complete Bid Package may be viewed and printed at no cost from the Authority web site, www.wcwsa.org after Tuesday, July 6, 2021. Printed copies may also be obtained for a non-refundable fee of \$20.00 at the Office of the Wayne County Water & Sewer Authority. You may call Director of Operations Jason Monroe at 315-986-1929, make a request by FAX at 315-986-1687 or by email to jmonroe@wcwsa.org to request a printed copy be mailed to you upon receipt by the Authority of a check payable to the Wayne County Water & Sewer Authority for a non-refundable fee of \$20.00.

The Wayne County Water & Sewer Authority requests that all bids be presented in a plain sealed envelope marked "**SEALED BID / CCTV Pipeline Inspection Camera.**" A non-collusive bidding certificate and an Affirmation of Understanding of Agreement / Certificate of Compliance for Procurement of Services are required. A manufacturer's specification sheet shall be provided on all items bid.

All questions are to be directed in writing to Director of Operations Jason Monroe by FAX at 315-986-1687 or E-mail at jmonroe@wcwsa.org no later than Wednesday, July 14, 2021 at 5 p.m. prevailing time.

If you want to be considered as a bidder and receive any addendum in a timely manner, you must register your organization with the Wayne County Water & Sewer Authority via e-mail to Director of Operations Jason Monroe at jmonroe@wcwsa.org AND Peter DiBenedetto at pdibenedetto@wcwsa.org

Bids are to be received no later than Thursday, July 22, 2021 at 1:00 p.m. at the Wayne County Water & Sewer Authority office located at 3377 Daansen Road, Walworth, NY 14568 at which time they will be publicly opened and read.

The Wayne County Water & Sewer Authority Board reserves the right to reject any and all bids or to accept the bid it considers in the best interest of the Wayne County Water & Sewer Authority.

*BY DIRECTION OF THE WAYNE COUNTY WATER & SEWER AUTHORITY
BOARD OF DIRECTORS*

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WAYNE COUNTY WATER AND SEWER AUTHORITY
3377 Daansen Road
Walworth, New York 14568

Designated Procurement Contact for this bid:
Jason Monroe, Director of Operations

Phone 315-986-1929 / FAX 315-986-1687

BID SPECIFICATIONS

CCTV Pipeline Inspection Camera

WAYNE COUNTY WATER AND SEWER AUTHORITY
3377 Daansen Road
Walworth, New York 14568

BID SPECIFICATIONS FOR: **CCTV Pipeline Inspection Camera**

GENERAL PROVISIONS

Pursuant to the State Finance Law sections 1399-j and 139-k, this Invitation for Bid includes and imposes certain restrictions on communications between the Authority and an Offerer/Bidder during the procurement process. An Offerer/Bidder is restricted from making contacts from the earliest notice of intent to solicit Invitation for Bid through the final award and approval of Procurement Contract by the Authority to other than the Authority's Designated Contact Person unless it is a contact that is included among certain statutory exceptions set forth in State Finance Law section 139-j(3)(a). The Authority's Designated Contact Person for the Governmental Procurement, as of the date hereof is Jason Monroe, Director of Operations, and is identified on the first page of these Bid Specifications. Authority employees are also required to obtain certain information when contacted during the restricted period and make a determination of the responsibility of the Offerer/Bidder pursuant to these two statutes. Certain findings of non-responsibility can result in rejection for contract award and in the event of two findings within a four year period the Offerer / Bidder is debarred from obtaining governmental Procurement Contracts. Further information about these requirements may be obtained from Jason Monroe, the Designated Contact Person.

The Authority requires that to be considered as a bidder the bidder must register his/her organization with the Wayne County Water & Sewer Authority via e-mail to Director of Operations Jason Monroe at jmonroe@wcwsa.org AND Peter DiBenedetto at pdibenedetto@wcwsa.org prior to the bid opening date.

All bids must be placed in a sealed envelope, addressed to the Wayne County Water and Sewer Authority located at 3377 Daansen Road, Walworth, New York 14568. The envelope shall be marked **"SEALED BID / CCTV Pipeline Inspection Camera"**. **All bids must be received by 1:00 p.m. on Thursday, July 22, 2021** at which time they will be publicly opened and read at the Authority Operations Center at 3377 Daansen Road, Walworth, New York 14568.

The Authority requires that each bid submitted shall show the gross selling price, excluding Federal Excise and Sales taxes.

Each bidder is required to review the specifications as published and complete the bid package as requested. The bidder shall list on the bid proposal form any deviations, exceptions or variations to the conditions and specifications of this bid in sufficient detail to allow the Authority to compare and evaluate said exceptions.

All bids shall be submitted on the attached Bid Proposal Form, with all blanks fully and clearly filled in and all specifications checked either "Yes" or "No." No other form of bid will be considered. No alteration, erasure or addition is to be made in the typed or printed matter of the specification or proposal.

Prices and information required by the proposal, except signature of the bidder, shall be typed or clearly written in ink. Bids written in pencil may be rejected. The Authority Board shall interpret or reject illegible or vague bids and the Board's decision shall be final. All signatures must be signed in ink.

Each bid will be received with the understanding that the acceptance thereof in writing by the Board of Directors, to furnish any or all of the items described therein, shall constitute a contract between the bidder and the Authority.

It is mutually understood and agreed that the bidder shall not assign, transfer, convey, sublet or otherwise dispose of the contract or of his right, title or interest therein, or his power to execute such contract to any other person, company or corporation without the previous consent, in writing, of the Board of Directors.

The bidder acknowledges that he is familiar with Article 5-A of the General Municipal Law and agrees to be bound by and to comply with the provisions thereof.

Standard items appearing in the manufacturer's published specifications furnished by the bidder shall be included in the bid unless otherwise noted. **Bidders must submit with their bid the latest printed specification sheet and advertising literature relevant to this bid.** The data provided shall enable the Director of Operations, Executive Director and Board of Directors the opportunity to determine whether the equipment bid complies with the intent of the specifications as set forth by the Board. The Authority shall be the sole judge of the equivalencies.

Bidder declares that the bid is made without any connection with any other bidder submitting a bid for the same item and is in all respects fair and without collusion or fraud. A signed Non-Collusive Bidding Certificate, a Bidders Affirmation of Understanding and Agreement/Certification of Compliance and an Offer of Disclosure of Prior Non-Responsibility Determinations are all required with the bid submission. Copies of all of these forms are attached.

Bidders are cautioned to verify their bids before submission. Bids, amendments or requests for withdrawal of submitted bids received by the Authority after the time specified for opening will not be considered.

Awards will be made to the lowest responsible bidder as will best promote the public interest, taking into consideration the reliability of the bidder, the quality of the materials, equipment or supplies to be furnished, their conformity with specifications, the purpose for which required, terms of the delivery and availability of parts "in stock." The bidder must be an authorized dealer for the material supplied.

The Authority shall reserve the right to waive any informalities or to reject any or all bids and have the ability to award to other than the low bidder based on compliance with this specification.

Bidder accepts all of the terms and conditions of the Instructions to Bidders. This Bid will remain subject to acceptance for 60 days after the Bid opening, or for such longer period of time that Bidder may agree to in writing upon request of the Authority.

The equipment shall be delivered to an Authority designated delivery point, ready for operation, within sixty (60) calendar days after the successful bidder has been awarded the bid. Bid price shall include cost of delivery to the designated delivery point.

The Authority will pay the full amount of the accepted bid within thirty (30) days after the first regularly scheduled Board meeting, following the date when the said material has been delivered in proper condition and accepted by the Authority.

**BID PROPOSAL FORM
FOR
WAYNE COUNTY WATER AND SEWER AUTHORITY**

BID SPECIFICATIONS for CCTV Pipeline Inspection Camera:

System Basics

	Yes	No
1. New unused current model year.	<input type="checkbox"/>	<input type="checkbox"/>
2. Automatic cable drum with cable.	<input type="checkbox"/>	<input type="checkbox"/>
3. Single handheld operator pendant with viewing, digital recording and system controls.	<input type="checkbox"/>	<input type="checkbox"/>
4. Crawler with zoom camera for 6" diameter and larger pipe inspections.	<input type="checkbox"/>	<input type="checkbox"/>
5. CAN-bus communications protocol.	<input type="checkbox"/>	<input type="checkbox"/>
6. Ability to connect to a network via network cable port for lifetime remote firmware upgrades and/or diagnostic services.	<input type="checkbox"/>	<input type="checkbox"/>
7. No more than 575 watts or 5 amps at 115 VAC to operate entire inspection system and components.	<input type="checkbox"/>	<input type="checkbox"/>

Operator Desktop Control and Wireless Controller

	Yes	No
1. 10" hand held color touch-screen monitor with 800 x 600 display resolution for viewing, recording video and accessing control and configuration functions.	<input type="checkbox"/>	<input type="checkbox"/>
2. Integral error code maintenance and repair protocol, which informs the operator of current or pending operating or maintenance tasks that need to be addressed by flashing a code during use. Codes correlate with a specific repair or maintenance activity.	<input type="checkbox"/>	<input type="checkbox"/>
3. Standard ability to connect to a network in order to access remote server download or for the lifetime automatic performance and feature upgrades.	<input type="checkbox"/>	<input type="checkbox"/>
4. Optional ability to connect to a network in order to work with repair studio software for remote diagnosis.	<input type="checkbox"/>	<input type="checkbox"/>
5. Video signal output.	<input type="checkbox"/>	<input type="checkbox"/>
6. Output compartment at top of pendant that contains s-video, USB and network connections.	<input type="checkbox"/>	<input type="checkbox"/>
7. Dual software programmed joysticks to control all camera and crawler functions.	<input type="checkbox"/>	<input type="checkbox"/>
8. Right multifunction joystick to control crawler's forward/reverse, left/right turning and speed.	<input type="checkbox"/>	<input type="checkbox"/>

	Yes	No
9. Left multifunction joystick to control camera's pan/tilt, zoom and home functions.	<input type="checkbox"/>	<input type="checkbox"/>
10. Controls for manual and automatic focus of camera and on/off control of digital zoom function.	<input type="checkbox"/>	<input type="checkbox"/>
11. Must display crawler pressure, temperature, sonde status, pitch (inclination) and roll.	<input type="checkbox"/>	<input type="checkbox"/>
12. Pressure to be listed onscreen and saved within system history for predictive maintenance.	<input type="checkbox"/>	<input type="checkbox"/>
13. Controls for adjusting illumination intensity of camera and auxiliary lighting.	<input type="checkbox"/>	<input type="checkbox"/>
14. Ability to control cable reel functions: auto, manual, speed, direction, and torque of the cable reel.	<input type="checkbox"/>	<input type="checkbox"/>
15. Have master single button to regain control from wireless controller.	<input type="checkbox"/>	<input type="checkbox"/>
16. All necessary controls and capabilities to record digital video, capture digital stills and digital pipe scans, and generate text on video.	<input type="checkbox"/>	<input type="checkbox"/>
17. Ability to inform operator if in danger of tipping or flipping the crawler.	<input type="checkbox"/>	<input type="checkbox"/>
18. Ability to directly engage or disengage electronic clutch.	<input type="checkbox"/>	<input type="checkbox"/>
19. Software to include: manufacturer's complete crawler controlling software package and WinCan database software.	<input type="checkbox"/>	<input type="checkbox"/>
20. Ability to capture, correlate and store still images with distance and observation information, all of which can be outputted into several reporting packages or viewed onscreen.	<input type="checkbox"/>	<input type="checkbox"/>
21. Captured data can be output via a file which will automatically populate relevant fields within existing or new WinCan software database.	<input type="checkbox"/>	<input type="checkbox"/>
22. Captured visual data can be printed in an inspection report that has manhole to manhole schematic, observations, distances, asset information, operator details and PACP codes.	<input type="checkbox"/>	<input type="checkbox"/>
23. Ability to operate crawler in cruise control mode where an operator does not need to touch the joystick for crawler speed.	<input type="checkbox"/>	<input type="checkbox"/>
24. Ability to view system operational history and performance.	<input type="checkbox"/>	<input type="checkbox"/>
25. Ability to view full schematic and observation inspection report on the pendant.	<input type="checkbox"/>	<input type="checkbox"/>
26. Ability to pause video when adding an observation inspection report on the pendant.	<input type="checkbox"/>	<input type="checkbox"/>
27. Ability to generate a graphic inclination report to show pipe grade along inspection route.	<input type="checkbox"/>	<input type="checkbox"/>

	Yes	No
28. 64 GB file storage for an average of 40 hours of digital video or thousands of digital stills.	<input type="checkbox"/>	<input type="checkbox"/>
29. Ability to toggle among front-view camera, integral rear view camera, and accessory rear view camera.	<input type="checkbox"/>	<input type="checkbox"/>
30. Camera lasers to be controlled with On/Off control and have the ability to control laser intensity in increments of 25%.	<input type="checkbox"/>	<input type="checkbox"/>
31. Ability to remotely control motorized camera lift (if included).	<input type="checkbox"/>	<input type="checkbox"/>
32. Button(s) for activating automated software routines (Macros) for viewing laterals on the left, right or for performing a circumferential scan of a pipe joint.	<input type="checkbox"/>	<input type="checkbox"/>
33. Button to activate automated software routine (Macro) for auto- return that automatically returns the crawler to within 5 feet of the insertion MH and alerts the operator of return for final extraction.	<input type="checkbox"/>	<input type="checkbox"/>
34. The ability to accessorize the crawler to operate in larger (10" minimum diameter) and smaller (minimum 4" diameter) pipes with no need for additional control unit or cable upgrades.	<input type="checkbox"/>	<input type="checkbox"/>
35. CAN-bus control architecture allowing for precision control, diagnostic monitoring and future upgradeability.	<input type="checkbox"/>	<input type="checkbox"/>
36. Ability to measure cracks and other observation without need for external software.	<input type="checkbox"/>	<input type="checkbox"/>
37. Has a master single button to regain control from wireless controller.	<input type="checkbox"/>	<input type="checkbox"/>
38. Portable battery-powered wireless controller with crawler, camera and cable reel functions for easy direct single person deployment and retrieval of the crawler at the access point (manhole/basin).	<input type="checkbox"/>	<input type="checkbox"/>
39. Wireless controller to have 8 dual function buttons with clear labels as the function of each.	<input type="checkbox"/>	<input type="checkbox"/>
40. Wireless controller to have colored LED indicators to inform operator as to which functions the buttons are activated for.	<input type="checkbox"/>	<input type="checkbox"/>
41. Digital control to have a range of at least 50 feet without radio frequency interference being able to compromise the signal. RF systems will not be accepted.	<input type="checkbox"/>	<input type="checkbox"/>
42. Wireless encoder must be digitally encoded to the system with which it is delivered to provide secure control when several systems are being operated in the same area.	<input type="checkbox"/>	<input type="checkbox"/>
43. System has the ability to be remotely operated in an easement situation by using a portable pendant controller that plugs into the back of the camera reel in a remote location.	<input type="checkbox"/>	<input type="checkbox"/>

Pan/Tilt Color Zoom Camera

Yes No

- 1. Auto and manual focus with 120:1 total zoom; 10x optical and 12x digital. Yes No
- 2. Pan and tilt motors with no exposed gears or wires and integral clutches for protection. Yes No
- 3. Ability to pan a full 360 degrees and tilt ± 135 degrees for full viewing of laterals and joints. Yes No
- 4. Ability to view behind crawler for upstream lateral rubber seal view on gravity-flow pipes. Yes No
- 5. Dual projection lasers, 50mm apart, to be able to measure observations and gauge pipe diameter. Yes No
- 6. Housing that is fully sealed and waterproof per IP68 to withstand external pressure up to 1 bar without damage or leaking. Yes No
- 7. Must have ability to connect to crawler body, remotely operated lift (if included), and large line crawler via connection port. Yes No
- 8. Solid-state circuitry designed to withstand shock and vibration while being pushed, pulled or propelled through the pipe. Yes No
- 9. Illumination provided by a minimum of 40 LEDs that deliver a 13,000-lux reading at 1 foot and a 3-lux reading at 25 feet. Yes No
- 10. LED light ring to have lifetime warranty. Yes No
- 11. A valve for purge and pressurization of camera body. Yes No
- 12. A maximum size of 7" x 3" x 3" (LWH) in order to fit within a diameter of 3.5" (88mm). Yes No
- 13. Encoders to measure pan/tilt position, allowing camera to be controlled using automated software routines (Macros) stored in the operator pendant. Yes No
- 14. Integral clutches to protect pan and tilt motors. Yes No

Steerable Motorized Crawler

Yes No

- 1. 6-wheel drive (3 wheels per side) to generate traction necessary to crawl up to 1,000 feet in wet and slippery pipes. Yes No
- 2. Wheels in an 8" configuration with the 4 larger wheels overlapping the smaller middle ones to provide continuous traction to go over joints and debris and to avoid high centering and reduce the possibility that the crawler can be stuck on an obstacle. Yes No
- 3. The crawler shall have proportional left, right, forward and reverse capability via manual and automatic controls, as well as direct buttons on the operator pendant and wireless controllers. Yes No

	Yes	No
4. Proportional steering means that the 3 wheels on the left and the right of the crawler will move proportionally at the same time to move the crawler in the intended left, right, forward, backward or combination direction. Crawlers that can only drive in a single direction to the left, right, forward or backward at a time (bump steering) will be deemed unacceptable.	<input type="checkbox"/>	<input type="checkbox"/>
5. Maximum size 12.2" x 4.3" x 3.5" to allow proper clearance in 6" and lined pipes.	<input type="checkbox"/>	<input type="checkbox"/>
6. A minimum of two electronically commutated (EC) drive motors. Motors must maintain full power even at lower speeds without depending on drawing more current to do so.	<input type="checkbox"/>	<input type="checkbox"/>
7. An electronic clutch that can be engaged and disengaged without needing to move the crawler. Systems that demand movement of the crawler to engage or disengage a mechanical clutch will be deemed unacceptable.	<input type="checkbox"/>	<input type="checkbox"/>
8. Crawler must be able to maneuver over obstacles, during which the system is isolated and protected in a way where major crawler electronic components will not be destroyed if there is a cut in the connection between power and other wires within the cable.	<input type="checkbox"/>	<input type="checkbox"/>
9. Crawler body must be machined from a single continuous and complete piece of machined aluminum. Two-piece bodies will not be accepted.	<input type="checkbox"/>	<input type="checkbox"/>
10. Single piece crawler body to have single top-plate access for control boards, single bottom-plate access for motors, and dual side-plate access for gears, ensuring maximum protection against leaks caused by bending stress. Crawler chassis of bronze, brass or other soft metals shall be deemed unacceptable.	<input type="checkbox"/>	<input type="checkbox"/>
11. Full sensor package with inclination, roll, sonde, pressure, heat and motor readings.	<input type="checkbox"/>	<input type="checkbox"/>
12. Integral rearview color camera with high-lux tri-LED lighting to be positioned at the top rear of the crawler body and not to have any increase in the diameter of the crawler body or be integrated with the rear connector.	<input type="checkbox"/>	<input type="checkbox"/>
13. Ability to remotely toggle between rear and forward viewing cameras using the operator controls.	<input type="checkbox"/>	<input type="checkbox"/>
14. Simple tool-less slotted locking mechanism for the camera providing secure, easy attachment with 1-bar waterproof rating.	<input type="checkbox"/>	<input type="checkbox"/>
15. Rear receptacle that allows cable attachment with two turns of the stainless-steel cable connector's outer barrel. No tools required to remove/attach cable from crawler.	<input type="checkbox"/>	<input type="checkbox"/>
16. Keyway on camera rotation shaft to ensure damage-free mating of electrical pins between crawler and camera.	<input type="checkbox"/>	<input type="checkbox"/>
17. Stainless cable connector shall carry a lifetime warranty.	<input type="checkbox"/>	<input type="checkbox"/>

	Yes	No
18. Rear cable connector shall provide pull strength beyond the 1,000- lb-rated break strength of the CCTV cable.	<input type="checkbox"/>	<input type="checkbox"/>
19. No additional cable strain relief measures shall be accepted beyond the cable connector.	<input type="checkbox"/>	<input type="checkbox"/>
20. Minimum crawler weight of 18.5 lbs. (with small wheels).	<input type="checkbox"/>	<input type="checkbox"/>
21. Length of crawler no more than 12.2”to enable navigation through 90-degree inverts without pinching or rolling.	<input type="checkbox"/>	<input type="checkbox"/>
22. CAN-bus control architecture allowing for precision control, diagnostic monitoring, and future upgradeability.	<input type="checkbox"/>	<input type="checkbox"/>
23. Crawler to be supplied with the following wheels:		
i. (6) Quick-change hubs that allow the changing of wheels without tools.	<input type="checkbox"/>	<input type="checkbox"/>
ii. (6) 3.34” Small quick-change rubber wheels.	<input type="checkbox"/>	<input type="checkbox"/>
iii. (4) 4.72” Medium quick-change rubber wheels.	<input type="checkbox"/>	<input type="checkbox"/>
iv. (4) 5.90” Large quick-change rubber wheels.	<input type="checkbox"/>	<input type="checkbox"/>
v. (4) 6.88” (XL) quick-change rubber wheels.	<input type="checkbox"/>	<input type="checkbox"/>
vi. (2) 3.26” Climbing wheel to be used on each side of center axle when using medium rubber, abrasive or carbide/grit wheels.	<input type="checkbox"/>	<input type="checkbox"/>
vii. (4) Medium quick-change carbide aggressive wheels.	<input type="checkbox"/>	<input type="checkbox"/>
24. A tilting rear cable connector that points vertically to protect cable during deployment into manhole, which also tilts to horizontal position during operation.	<input type="checkbox"/>	<input type="checkbox"/>
25. 512 Hz and 33 kHz integral sonde to facilitate locating crawler.	<input type="checkbox"/>	<input type="checkbox"/>
26. Ability to fit in 8" pipe with top mount auxiliary lighting attached.	<input type="checkbox"/>	<input type="checkbox"/>
27. Supplied Auxiliary lighting that has:		
i. LED lamps for inspecting large pipes.	<input type="checkbox"/>	<input type="checkbox"/>
ii. Ability to mount to crawler or motorized camera lift (if included.) Any exposed wiring or pigtails shall be deemed unacceptable.	<input type="checkbox"/>	<input type="checkbox"/>
iii. Waterproof design with ability to withstand 1 bar external pressure.	<input type="checkbox"/>	<input type="checkbox"/>
iv. Rear-viewing color camera with single high-lux tri-LED lamp.	<input type="checkbox"/>	<input type="checkbox"/>
28. Waterproof carrying case for crawler with assorted tools for basic crawler maintenance.	<input type="checkbox"/>	<input type="checkbox"/>

Motorized Automatic Cable Drum

Yes No

- | | | |
|---|--------------------------|--------------------------|
| 1. Minimum 1,000-foot capacity cable drum. | <input type="checkbox"/> | <input type="checkbox"/> |
| 2. Weight of no more than 125 lbs (including 1,000 feet of cable). | | |
| 3. A hub equipped with a continuous-contact slip-ring assembly to allow the cable to be dispensed and retrieved while the camera and tractor are operational. | <input type="checkbox"/> | <input type="checkbox"/> |
| 4. A motorized system with sensors that monitor cable tension in order to coordinate cable feed/retrieval with direction and exact speed of the crawler. | <input type="checkbox"/> | <input type="checkbox"/> |
| 5. Ability to perform all forward, backward, and different speed/torque functions without operator physically interacting with cable reel. | <input type="checkbox"/> | <input type="checkbox"/> |
| 6. Unit equipped with an emergency stop switch. | <input type="checkbox"/> | <input type="checkbox"/> |
| 7. Ability to operate in both automatic and manual modes. | <input type="checkbox"/> | <input type="checkbox"/> |
| 8. The remote wireless controller shall be able to control the crawler and reel while the operator is away from the primary controls. | <input type="checkbox"/> | <input type="checkbox"/> |
| 9. Pendant-based power/torque controls for winching back crawler in optional free-wheel mode. | <input type="checkbox"/> | <input type="checkbox"/> |
| 10. External cable reel chassis to be made of strong and lightweight aircraft grade aluminum. | <input type="checkbox"/> | <input type="checkbox"/> |
| 11. Large extension pulley arm option for extending the cable drop point 3 feet away from the cable reel. | <input type="checkbox"/> | <input type="checkbox"/> |
| 12. Teflon coated integral drip tray at bottom beneath stored cable. Allows for liquids to drain and be collected in a specific area for health and safety reasons. Can be slid out the front without tools for emptying and cleaning. | <input type="checkbox"/> | <input type="checkbox"/> |
| 13. Work with pendant-based speed and torque controls to adjust for different pipe conditions and user preferences. | <input type="checkbox"/> | <input type="checkbox"/> |
| 14. CAN-bus control architecture allowing for precision control, diagnostic monitoring and future upgradeability. | <input type="checkbox"/> | <input type="checkbox"/> |
| 15. Size to be no larger than 21" x 14.5" x 24.5" (H x W x D) for potential deployment with standard cable roll bar that extends 15" from the front of the reel. | <input type="checkbox"/> | <input type="checkbox"/> |
| 16. Ability to run automated software routines (e.g. cruise control) in which the reel, crawler, and camera function are automatically coordinated to accomplish a specific task without operator intervention. | <input type="checkbox"/> | <input type="checkbox"/> |
| 17. All moving hazardous components to be completely covered/enclosed to prevent injury - hands or clothing can't reach dangerous moving parts. Open access design of the front, top and sides where an operator can touch level-wind mechanism, gears, chains, and belts will not be accepted. | <input type="checkbox"/> | <input type="checkbox"/> |

Lightweight Heavy Duty Transmission Cable

Yes No

- 1. 1,000 feet of cable with maximum 6-wire continuous-length multi-conductor wires for lightweight and easy maintenance performance.
- 2. Kevlar reinforcement to provide minimum break strength of 1,000 lbs. with a diameter of no more than 0.255" (6.5mm).
- 3. Strain relief to be internal to the cable and cable connector. No external wires, pig tails, or other visible external strain mechanisms will be accepted.
- 4. Waterproof rating of at least 1 bar or 1 atmosphere.
- 5. Solid stainless steel threaded connector at crawler end that locks onto the rear of the crawler to secure the cable and provide strain relief.
- 6. Ability for cable to be re-terminated by soldering no more than 6 wires, then sealed and strain-relieved using a quick-dry epoxy. Procedure shall take no more than half an hour to complete. More than 6-wire wire solder repair and Scotch-cast style solutions that require longer cure times will be deemed unacceptable.
- 7. Cable to employ no more than a single connection to crawler regardless of use of optional items such as additional lighting, side scanning camera, rear camera, laser profilers, remotely operated lift, or other accessories.
- 8. Weight of no more than 10.8 lb. per 328 feet (.03 lb. per ft.) to promote portability, long crawler runs and easy handling for multiple sized crawlers.

Warranty, Training, Installation and Maintenance

Yes No

- 1. Two (2) days of initial hardware on-site training on the camera system to be performed by a trained field specialist.
- 2. One (1) complete set of printed manufacturer's operation and maintenance manuals shall be provided along with one set of electronic manuals on USB/thumb drive.
- 3. The warranty shall guarantee the product to be free from defects in materials and manufacturing. This warranty shall include the repair or exchange of any part or parts thereof which may prove to be defective under normal use and service within one (1) year from the date of original purchase. This warranty shall not apply to any equipment which has been subject to accident, negligence, alteration, abuse, unauthorized repair, improper storage, or other misuse.
- 4. The crawler connectors and the camera LED light ring shall carry a lifetime warranty; the terms of this warranty shall not apply to any equipment which has been subject to accident, negligence, alteration, abuse, unauthorized repair, improper storage, or other misuse.
- 5. Availability of parts and service within 150 miles of Walworth, New York. Manufacturers who require camera components to be shipped out-of-state for repair shall be deemed unacceptable.

WAYNE COUNTY WATER AND SEWER AUTHORITY

NON-COLLUSIVE BIDDING CERTIFICATE

Pursuant to Section 103-d of the General Municipal Law, and Section 139-d of the State Finance Law, I affirm as true and under the penalties of perjury the following statement:

a. By submission of this bid, each bidder and each person signing on behalf of any bidder certifies, and in the case of a joint bid, each party thereto certifies as to its own organization, under penalty of perjury, that to the best of their knowledge and belief:

(1) The prices in this bid have been arrived at independently without collusion, consultation, communication, or agreement, for the purpose of restricting competition, as to any matter relating to such prices with any other bidder or with any competitor.

(2) Unless otherwise required by law, the prices which have been quoted in this bid have not been knowingly disclosed by the bidder and will not knowingly be disclosed by the bidder prior to opening, directly or indirectly, to any other bidder or to any competitor; and

(3) No attempt has been made or will be made, by the bidder to induce any other person, partnership or corporation to submit or not to submit a bid for the purpose of restricting competition.

Bidder: _____

By: _____

Title _____

Certificate of Compliance

Under

State Finance Law Sections 139-j and 139-k

The undersigned, _____, being the President of _____, the winning bidder ("Company") in connection with the procurement of _____ ("Procurement") issued by the Wayne County Water & Sewer Authority ("Authority") hereby certifies that:

- (i) The Company is aware of, understands and agrees to comply with the recently enacted prohibitions on procurement lobbying as defined and set forth in the Lobbying Act, as amended by Chapter 1 of the Laws of 1995;
- (ii) Neither the Company, nor any of its officers, directors, employees, or agents, has attempted to influence the Procurement in a manner that would result in a violation of the Public Officers Law and/or the Authority's Code of Ethics;
- (iii) There have been no findings of non-responsibility against the Company due to violations of the provisions of State Finance Law Section 139-j(3) or otherwise within the previous four years by any governmental entity;
- (iv) All information provided to the Authority by or on behalf of the Company in connection with the Procurement pursuant to State Finance Law Section 139-j and/or Section 139-k or otherwise is complete, true and accurate;
- (v) Neither the Company, nor any of its officers, directors, employees, or agents, has made any inappropriate or illegal contacts with the Authority in connection with the Procurement; and
- (vi) The Company understands and agrees that the Authority reserves the right to cancel any contract resulting from the Procurement in the event this certification is found to be intentionally false or intentionally incomplete.

IN WITNESS WHEREOF, I have hereunto subscribed my name this _____ day of _____, _____ on behalf of the Company.

President

Offerer Disclosure of Prior Non-Responsibility Determinations

Name of Individual or Entity Seeking to Enter into the Procurement Contract:

Address: _____

Name and Title of Person Submitting this Form: _____

Contract Procurement Number: _____

Date: _____

1. Has any Governmental Entity made a finding of non-responsibility regarding the individual or entity seeking to enter into the Procurement Contract in the previous four (4) years? (Please circle):

No

Yes

If yes, please answer the next questions:

2. Was the basis for the finding of non-responsibility due to a violation of State Finance Law §139-j? (Please circle):

No

Yes

3. Was the basis for the finding of non-responsibility due to the intentional provision of false or incomplete information to a Governmental Entity? (Please circle):

No

Yes

4. If you answered yes to any of the above questions, please provide details regarding the finding of non-responsibility below.

Governmental Entity: _____

Date of Finding of Non-responsibility: _____

Basis of Finding of Non-Responsibility: _____

(Add additional pages as necessary)

5. Has any Governmental Entity or other governmental agency terminated or withheld a Procurement Contract with the above-named individual or entity due to the intentional provision of false or incomplete information? (Please circle):

No	Yes
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6. If yes, please provide details below.

Governmental Entity: _____

Date of Termination or Withholding of Contract: _____

Basis of Termination or Withholding: _____

(Add additional pages as necessary)

Offerer certifies that all information provided to the Governmental Entity with respect to State Finance Law §139-k is complete, true and accurate.

By: _____ Date: _____
Signature

Name: _____ Title: _____