



*where people matter*

City of Loganville

Public Utilities  
Brandon Phillips  
Director

P.O. Box 39  
Loganville, GA 30052

Tel: 770-466-3240

## **Staff Report Department of Public Utilities**

**To:** Honorable Mayor Baliles and Members of the City Council

**Through:** Danny Roberts, City Manager

**From:** Brandon Phillips, Director of Utilities

**Date:** August 11, 2022

**Subject:** Sewer Inspection System

### **RECOMMENDATION:**

Staff recommends the City Council authorize the purchase of two CCTV sewer inspection systems.

### **FISCAL IMPLICATION:**

Our staff is requesting two new camera systems to replace our units that are currently out of service. One is an Aries mobile inspection system for 8" or larger gravity sewer mains and storm drainage pipes that costs \$85,984.00. The other unit is a Ridgid brand for 6" or smaller pipes that costs \$17,532.85. The Aries has a one year warranty, and the Ridgid has a limited lifetime warranty. These are budgeted items, and the total costs for these units are \$103,516.85.

### **BACKGROUND:**

The Sewer Department is responsible for inspecting 20% of the sewer collection system annually. This allows our departments to record data concerning locations of service taps, and is the most effective way to discover defects and rehabilitation needs. This also allows for prioritizing for future repairs, and properly budgeting for these projects accordingly. Both of our current units are over 10 years old, and repairs are becoming more frequent and costly due to the harsh environments and daily use.



# QUOTATION

7934 Wrenwood Blvd,  
Suite A  
Baton Rouge, LA 70809

Quote For:	Reliability Point, LLC
City of Loganville Travis Toney 4895 Hwy 81 North Loganville, GA 30052 PHONE: (770) 466-0911	Quotation # BR-071122-02-MEY Date Quoted July 11, 2022 Sales Rep Bob Arnold Contact Number (225) 939-7955

Line	Qty	Part Number	Description	Unit Price	Ext. Price
1	1	MPF300-4-SK	Aries Mobile Pathfinder Inspection System including PE3430 Pan/Tilt/Zoom Wiper Camera; TR3320 Pathfinder Tractor 6" to 36" lines with large line kit, LH330 Lighthead <ul style="list-style-type: none"> <li>See attached specifications</li> <li>Delivery time 6-8 weeks</li> </ul>	\$85,984.00	\$85,984.00
Total					\$85,984.00

For technical questions please contact:

Bob Arnold  
(225) 939-7955  
barnold@reliabilitypoint.com

For commercial questions, or to place an order from this quotation, please contact:

Morgan Young  
Morgan.Young@reliabilitypoint.com  
(225) 663-8990

All quotations are good for 60 days. All orders are subject to vendor's acceptance. By submitting an order for these items to Reliability Point you are accepting our Terms & Conditions (copy attached) unless other arrangements have been made and confirmed in writing. All credit card charges are subject to a 3% handling charge. See Terms & Conditions #2 for details.

Thank you for the opportunity to provide you this proposal.

Morgan Young  
Inside Sales

**Mobile Pathfinder Inspection System**

This sewer television system is delivered complete, ready for operation. The system includes a pan & tilt camera and transporter with inspection capacity from 6" to 36" lines.

**1 Aries Mobile Pathfinder UC3400 All-in-One Controller, with features including:**

- 8.4" color flat screen TV monitor
- Sealed connector for interconnect cable to reel
- Camera controls
- Tractor controls
- Reel controls
- Internal digital video recorder
- VL5000 data display control module
- Alphanumeric full "QWERTY" keyboard for video titling and report data input

**1 Storage and transportation case****1 Extended interconnect cable tether and hub assembly, cable reel to all-in one control unit****1 Laptop computer interconnect cable kit****1 Aries PE3430 Pathfinder series zoom, pan & tilt camera w/ high-intensity LED lighting and integrated self-cleaning lens wiper system, including:**

- Pathfinder zoom pan and tilt camera w/ multi-axis infinite rotation
- Integrated on-demand self-cleaning lens wiper system
- 120X zoom (10X optical & 12X digital)
- High-resolution 480(V) x 720(H) output
- Auto-focus with manual override
- Auto-iris with manual override
- Maintenance-free forward-facing white LED lighting located in the camera forks
- Maintenance-free directional white LED lighting that follows the camera's field of view
- White balance optimization with (4) selectable settings
- High-sensitivity camera sensor for low-light applications
- "Starlite" low-light level amplification feature with (4) user selectable amplification steps
- Automatic home feature with forks at top and bottom of camera head
- "One Touch Scanning" feature with (2) user selectable continuous joint scan presets
- "Quick Look" preset view positions (6) (Up, Down, Right, Left, Lat R, Lat L)
- Robust, environmentally sealed camera for use in live pipe, including:
  - Scratch-resistant sapphire lens window
  - Camera recessed behind forks for frontal impact protection
  - Camera housing with hardened metal finishes and non-corrosive metals
  - Recessed fasteners & no camera protrusions
- Proportionately slowed camera movements when zooming
- Fast-check internal pressure monitoring system
- On-screen camera diagnostics functions including:
  - Camera internal pressure, temperature, operating hours, internal power regulated voltage value, camera model, serial number, firmware revision, control error recognition, LED current value.

**1 Camera storage and transport case****1 Camera nitrogen recharge kit**

- 1 Aries TR3320 Pathfinder steerable self-propelled transporter for 6" to 24" lines, including:**
  - 1 Tractor assembly with continuous duty drive motors
  - 6 Rubber wheels, 3" diameter
  - 4 Rubber wheels, 4" diameter
  - 4 Extended hub rubber wheels, 4" diameter
  - 4 Extended hub rubber wheels, 5" diameter
  - 1 Remotely-operated electric camera lifting mechanism
  - 1 Fast-check pressure monitoring system
  - 1 Rear viewing camera with LED lighting
  - 1 512 Hz internal locating beacon
  - 1 Storage and transport case
  - 1 Set maintenance parts
- 4 Double wide "dually" extended hub wheels for larger lines, 5" diameter**
- 2 Carbide impregnated high traction wheels, 3" diameter**
- 2 Carbide impregnated high traction wheels, 4" diameter**
- 2 Extended hub carbide impregnated high traction wheels, 4" diameter**
- 2 Extended hub carbide impregnated high traction wheels, 5" diameter**
- 1 Large diameter pipe kit with geared side rails and 8" diameter rubber tires for operation up to 36" lines**
- 1 Auxiliary detachable light head**
- 1 Mobile Pathfinder PR3400 cable and reel assembly, with features including:**
  - Lightweight frame with casters and handles
  - Drum and motor assembly with clutch and cable level wind assembly
  - Sealed continuous contact collector assembly, 12-slip rings minimum
  - Distance meter encoder
  - Emergency hand crank arm
  - Emergency stop push button switch
  - 1000' of lightweight low friction multi-conductor cable
  - AC power switch
  - Universal power input plug with cord
  - Cable guide roller, removable, handle mounted
- 1 Cable manhole guide system including:**
  - 1 Manhole top roller assembly
  - 1 Insertion and extractor pole assembly and tractor adapter
  - 3 Quick lock extension poles, fiberglass
  - 2 Additional fiberglass extension poles
  - 1 Tiger tail bottom cable guide
- 2 Operation / maintenance and spare parts manuals**
- 1 Maintenance tool kit**
- 1 Delivery of system**
- 1 One year warranty, TV system**
- 1 Day Training by Reliability Point**





7934 Wrenwood Blvd,  
Suite A  
Baton Rouge, LA 70809

## Statement of Terms and Conditions

Acceptance of any purchase order is expressly conditioned on Buyer's assent to these Terms and Conditions. Any additional or different terms proposed by Buyer are expressly objected to and will not be binding upon Seller unless specifically agreed to in writing by Seller.

Payment – Except as otherwise agreed to by Seller in writing, the following payment terms apply: Buyer shall pay seller all invoiced amounts within 30 days from date of invoice. Payment terms are NET30 unless prior approval is given by Seller. Buyer shall pay a monthly late payment charge computed at the rate of 1.5%, or the maximum interest rate permitted by applicable law, whichever is less, for each calendar month or fraction thereof after the 30 day period. Reliability Point may add a 3% handling charge if necessary. Buyer shall also be responsible for any reasonable collection costs incurred by Seller for the collection of past due payments on Sellers invoice.

Credit Cards – Excepts as otherwise agreed to by Seller in writing, a handling charge of 3% will be added to total selling price for all payments made by a credit card.

Taxes and Duties – Prices do not include any sales, use, excise, value-added or similar taxes. Liability for all taxes, licenses, or other fee imposed by any governmental authority upon the production, sale, shipment, or used of Goods or Software or the performance of Services covered by this solicitation shall be assumed and paid for by the Purchaser, and Purchaser shall indemnify Reliability Point against any such liability. Applicable sales or use taxes are billed by Reliability Point unless suitable exemption certificates are furnished by Purchaser before acceptance by Reliability Point.

Delivery, Title Transfer, Risk of Loss - Buyer shall pay all delivery charges/costs from ship point to delivery point. Title to shipped products shall pass to Buyer immediately after each item **departs from manufacturer's or Sellers facility**. Seller shall not be liable nor in breach or default of its obligations under the contract to the extent performance, of such obligations, is delayed or prevented, directly or indirectly, due to causes beyond the Sellers reasonable control.

Travel and Expenses - Pricing does not include travel and expenses. Travel and expenses, as applicable, will be billed IAW Reliability Point, LLC standard terms and conditions. This includes travel time, portal to portal, \$ 75.00 per hour, mileage, portal to portal, \$1.00 per mile. Lodging, airline ticket and car rental expense at cost. A per diem charge of \$75.00 per day per technician will be billed.

Order Cancellation / Returns – All cancelled orders and non-defective returned items will be subject to a 20% restocking/processing fee. This is in addition to any restocking fee assessed by the manufacturer.

Minimum Orders: Orders must be in excess of \$100.



5746 Broad Street  
SUMTER, SC 29154

5500 S Cobb Drive, Bld 200, Suite 210  
ATLANTA, GA 30339

781 Frost Bottom Road  
OLIVER SPRINGS, TN 37840

1350 Sheeler Avenue, Building 12, Unit 7  
APOPKA, FL 32703

www.jet-vac.com

Ship To: CITY OF LOGANVILLE  
4895 Highway 81  
Loganville, GA 30052

Invoice To: City of Loganville  
PO Box 39  
LOGANVILLE GA 30052

Attention: TRAVIS TONEY

Branch 20 - ATLANTA		
Date 07/27/2022	Time 12:25:14 (O)	Page 1
Account No LOGAN001	Phone No 7704661306	Est No 01 000158
Ship Via DELIVERY		Purchase Order
Tax ID No		
		Salesperson RS1 / AW1

ESTIMATE EXPIRY DATE: 08/26/2022

**PARTS ESTIMATE - NOT AN INVOICE**

Part#	Description	U	Qty	Price	Amount
	<i>Ridgid</i>				
63603	REEL, 200' STAN		1	9029.99	9029.99
			Retail:	10774.42	
64968	MONITOR CS6X KI		1	3323.23	3323.23
			Retail:	3965.22	
21893	SR-20 LOCATOR		1	2985.53	2985.53
			Retail:	3566.48	
21903	TRANSMITTER, ST-		1	2194.10	2194.10
			Retail:	2617.97	
Subtotal:					17532.85

Your total savings will be: \$3,391.24

TOTAL: 17532.85

Authorization: \_\_\_\_\_

**Thank You For Your Business!**