

CITY OF HIGH POINT

AGENDA ITEM



TITLE: Trailer Mounted Mainline CCTV Inspection System – Stormwater Services Division	
FROM: Robby Stone – Public Services Director Melinda King – Asst. Public Services Director	MEETING DATE: November 4, 2024
PUBLIC HEARING: N/A	ADVERTISED DATE/BY: N/A
ATTACHMENTS: Equipment Quote – Cues, Inc. NC Sheriffs’ Association Contract Award Agreement Bid Recommendation Form	

PURPOSE: The current CCTV camera system for the Stormwater Services Division is approaching the end of its life cycle. Multiple repairs have been needed this past year to maintain functionality which has negatively impacted the ability to find and document utility issues. The purchase of a new unit would assist staff with identifying issues within the stormwater drainage system and determining necessary repairs. This system would also be compatible with the camera system and software used in the Water/Sewer Mains Division.

BACKGROUND: This equipment allows our staff to follow up on complaints in a timely manner and give detailed information about the location of the source of cave-ins, blockages, and possible future issues that could develop. This equipment is also used in emergency situations to analyze pipe failures and quickly provide detailed information prior to repairs being scheduled.

BUDGET IMPACT: Funding is available in the FY 2024-2025 budget.

RECOMMENDATION/ACTION REQUESTED: The Public Services Department recommends approval of the Cues equipment purchased through the NC Sheriffs’ Association Contract Award and that the appropriate City Official(s) be authorized to execute all necessary documents to award the contract to Cues, Inc. in the amount of \$236,972.00.





Cues Sewer Inspection System
 Sales Proposal for:
 NCSA Pricing Effective May 18 2023
 Bid # 24-08-0421

7/17/2024

CUSTOMER INFORMATION

Company Name: High Point Stormwater, NC
 Contact Name:
 Street Address:
 City, State & Zip:
 Phone:
 Fax:
 E-mail:
 Height Requirement:
 Length Requirement:
 Color Requirement:
 Days Valid For:
 Proposal No.:

Base System

Contract Pricing

CUES	TRL			
		Trailer mounted Mainline TV Inspection System for the inspection of 6" and Larger Sanitary Sewers and Storm Drains	\$165,028.00	\$165,028.00
		7 x12 TANDEM AXLE TRAILER, 7000GVWR		
		Tandem axle Trailer		
		TV TRAILER EXTERIOR LIGHTING & CONTROL ROOM - EVOLUTION 3.0		
		Amber Electronic Strobe Warning Beacon		
		2 Adjustable Floodlights Rear of Trailer Area Illumination		
		Lonseal Lonplate Flooring		
		Kemlite Wall Covering		
		Weather resistant, Smooth finished ceiling		
		Bulkhead Wall with Passage Door from Control Room to Equipment Room		
		Tinted Viewing Window in Bulkhead Wall		
		Tinted Viewing Window in Bulkhead Door		
		Above Desk Control Console with Rack Mount for Electronic Equipment		
		Desktop / Work Area		
		12V High Intensity LED Light Fixture		
		Multi-Outlet Power Strip with USB Ports		
		Fire Extinguisher with Bracket, 10BC Rating		
		Operators Chair, Swivel with Casters		
		Breaker Box Storage Area with Locking Positive Latch		
		Battery Powered Carbon Monoxide Alarm		
		LOW PROFILE, ROOF MOUNTED AIR CONDITIONER WITH HEAT STRIP		
		STORAGE CABINET UNDER CONTROL ROOM DESKTOP		
		BENCH SEAT IN CONTROL ROOM		
		TV TRAILER EQUIPMENT ROOM INTERIOR - EVOLUTION 3.0		
		Lonseal Lonplate Flooring		
		Kemlite Wall Covering		
		Weather resistant, Smooth finished ceiling		
		Multi-Outlet Power Strip with USB Ports		
		12V High Intensity LED Light Fixture		
		15 Minute Courtesy Timer Located at Rear Door Area for 12V LED Interior Lights		
		P&T ZOOM M/C LED CAMERA		
		Solid State Color Sewer TV Camera		
		Pan & Rotate Camera Head, 40:1 Zoom Ratio, 10x Optical Zoom, 4x Digital Zoom		
		NTSC Color Standard with 4x Light Integration		
		4 X 5W Cluster LED's for 6" through 72" lines		
		Camera Transportation and Storage Case		
		2 4X5W Cluster LED's for 6" through 72" lines		
		21" TRAC TRANSPORTER M/C TO INCLUDE:		
		6" Track Transporter with Freewheel and Powered Reverse		
		Y Eliminator		
		8"-15" EXTENDERS FOR 21" TRAC TRANSPORTER		
		SPARE PARTS KIT FOR TRAC TRANSPORTER TO INCLUDE:		
		Additional Chain Links and Rubber Cleats		
		12/5/4 ADAPTER CABLE		
		24" REAR FLATSCREEN MONITOR MOUNTED ON A SIDEWALL OF THE REAR		
		Flat Screen Monitor		
		Cable Assembly- Video Monitor to Monitor in Control Room		
		Monitor Mounting Bracket for Sidewall		
		15 GALLON (56.781L) CARB/EPA FUEL TANK FOR TRAILER		
		7000 WATT GAS ONAN EVAPORATOR GENERATOR		
		120 Volt 60 HZ 7000 Watt (Minimum) Commercial Grade Generator		
		Gasoline Powered		
		Electric Start		
		Air Cooled		
		Generator Remote Start/Stop Cable assembly		
		POWER SUPPLY COMPONENTS TO INCLUDE:		
		Commercial Power Supply Receptacle, 25' (7.62m) Cord, and Plug		
		Electrical Supply Center with Circuit Breaker Box		
		Commercial power and Generator Power Connectors		
		Automatic Power Transfer Switch		
		SYSTEM ENGINEERING PANEL, FOR POWER INFORMATION AND GENERATOR FUNCTIONS, RACK MOUNTED, TO INCLUDE:		
		Four Function AC Power Meter displaying Critical Power Information including		
		Voltage		
		Hertz		
		Amperage		
		Active Power (Watts)		
		Front panel Selector Switch for two modes of operation		
		Fixed reading		
		Continuous Auto-cycling		
		Generator Battery Meter to Display Starting and Charging Voltage		
		Generator Hour Meter		
		Generator Remote Start/Stop Control Switch		

On/Off Switch for Emergency Warning beacons (Switch to Illuminate When On)

P&T ZOOM M/C LED CAMERA

Solid State Color Sewer TV Camera
Pan & Rotate Camera Head, 40:1 Zoom Ratio, 120:1 Optical Zoom/ Digital Zoom
NTSC Color Standard with 4x Light Integration
4X5W Cluster LED's for 6" through 72" lines
Camera Transportation and Storage Case

21" TRAC TRANSPORTER M/C TO INCLUDE:

6" Track Transporter with Freewheel and Powered Reverse
Y Eliminator
8"-15" EXTENDERS FOR 21" TRAC TRANSPORTER

SPARE PARTS KIT FOR TRAC TRANSPORTER TO INCLUDE:

Additional Chain Links and Rubber Cleats

12/5/4 ADAPTER CABLE

1000' CABLE ASSEMBLY, M/C 12PIN METAL

1000' Gold Multi Conductor Kevlar Fiber Armored Combination TV Transmission / Tow Cable
.450 Diameter
Metal Splice Chamber with Pigtail
Cable Strain Relief

TV REEL ASSEMBLY, MECHANICAL FOOTAGE FOR SUMMIT .450 CABLE

Black Thermoplastic Powder Coated Frame
Power Levelwind & Multi Ratio Manual Transmission
Footage Meter with Local Counter and Remote Electronic Counter
Transmission Control at Viewing Station
Local Reel Mount Electrical and Mechanical Control
Sealed Continuous Contact Collector Assembly
Removable Drip Pan for Cleaning

AUTOMATIC PAYOUT SYSTEM FOR REEL - INSTALLED

DVR/USB ASSEMBLY KIT WITH MICROPHONE F/TRUCK

22" (MINIMUM) FLATSCREEN COLOR INDUSTRIAL TV MONITOR NTSC / PAL

COLOR STANDARDS

PCU ASSEMBLY [RACK MOUNT]

CCU ASSEMBLY [RACK MOUNT]

Alpha Numeric Information Display, with Multi Paging and Defect Coding
Remote "QWERTY" Keyboard
On Screen Footage Display

TEST CABLE

8.7" MINI KEYBOARD

BRACKET, LOGITECH CONTROLLER, K2

WIRED & WIRELESS USB CONTROLLER

Joystick Control for Pan and Tilt Zoom Camera to Include:
360 Degree Rotate
330 Degree Optical Pan
Joystick Control for All Steering Functions & Forward / Reverse Directions for Transporter

Camera Lift Control for Optional Electronic Camera Lift

All Other Controls for Camera to Include:

Camera Iris and Focus Override & Zoom
Camera Lights & Shutter Control for Light Enhancement
Camera Diagnostics & Auto Home
Cruise Control to Set Speed of the Transporter for Hands off Operation
All Reel Controls to Include: Retrieve, Release, and Variable Speed

KIT, DOWNHOLE, STD

Top roller Assembly, Manhole, TV Only, AI
Claw Hook, Manhole Adapter, f/WT319
Hook Assembly, Retrieval (SINGL, SHTY/LMP/PR)
Six Pole Assembly, Retrieval / Downhole tl,58"
Roller Assembly, Invert f/ WT319

MULTI CONDUCTOR TV ONLY TOOL KIT

Milliamp meter Tool
Electrical Tape
Needle Nose Pliers
Six-In-One Screwdriver
6" Adjustable Wrench
Anti Seize Grease
9-Piece Allen Wrench kit
Solder Iron Kit
Pliers
5/32 T-Handle Hex Wrench

REDI EVALUATION KIT TO INCLUDE

Rugged Weather Proof Storage Case
Digital Hi-Resolution Wide Angle Web Camera
Diagnostic Test Box to Include
Voltage Test Points
Built-In Mini Camera

Footage Test Box
Digital Multi-Meter
USB Diagnostic Tool
Video Cables and Adaptors

NO TRAINING REQUIRED BY CUSTOMER

Add-On to Base System

Manufacturer	Model	Description	Price
CUES	8 X 16	8 X 16 Trailer in lieu of 12' trailer in Base	\$ 2,704.00
CUES	500200A	Wall Heater	\$ 692.91
CUES	WC420	Closet in Control Room or Equipment Room	\$ 976.47
CUES	TR1933-1	20 Gallon Wash down	\$ 4,836.00
CUES	WC505	Wall Cabinet	\$ 2,174.41
CUES	WC381	Base Cabinet Equipment room	\$ 1,397.70
CUES	TR2985	Moduline 5 Drawer tool Box	\$ 2,563.99
CUES	WS360	Steerable Pipe Ranger Wheeled Transporter for For 8" to 15" Mainline Inspection (IN LIEU OF Ultra Shorty 21 Trac Transporter in Base Unit)	\$ 16,590.72
CUES	WT313	PR & SPR Transporter Tires for 18" to 48" Mainline Inspection	\$ 538.49

CUES	WS308	Electric Lift for use with large Pipe Ranger	\$	6,999.99
CUES	WS910	PR & SPR Pneumatic Tires 12-15" for Wheeled Transporter	\$	2,204.39
CUES	WS911	PR & SPR Pneumatic Tires 18"+ for Wheeled Transporter		\$2,175.43
CUES	WS906	Steel Wheel Kit for PR & SPR Wheeled Transporter 8" Pipe Application		\$2,499.29
CUES	WS908	Steel Wheel Kit for PR & SPR Wheeled Transporter 10-15" Pipe Application		\$2,056.94
CUES	WM375	Rear Viewing Camera for Transporter - SPR / CPR	\$	4,075.00
CUES	TR3740	Monitor 22" (Minimum) and Mount	\$	1,221.22
CUES	MZ904-16	Built in Sonde 512MZ Transmitter	\$	3,270.53
CUES	GN-03R	Rack Mount Computer, Monitor, Printer Keyboard and Mouse for Granite XP		\$6,042.00
CUES	GN902	Basic Inspection Software Only		\$8,900.00
CUES	GN537	Basic & Lite Support Plan		\$981.00
CUES	MS923	Accupoint Locator		\$2,803.39

Add-on's to Base System \$ 75,703.85 6% -\$4,542.23 \$71,161.62

Non-Published Add-On to Base System

Manufacturer	Model	Description	Price
CUES	6600002	2 Days Training - (Non Published Add-On) Follow up Training	\$ 2,925.00
CUES	6600003	3 Days Training - (Non Published Add-On) Initial Training	\$ 3,600.00
CUES	TR3100-3	Power Boom Crane With LED Lighting (Short), Reel Mount	\$ 12,780.34
CUES	TR3746B	32" Rear Flat Screen Monitor Mounted in Bulkhead Wall	\$ 2,956.00
CUES	WARRANTY	Additional Year of Cues Standard Equipment Warranty - No Charge	\$ -

Add-on's to Base System \$19,336.34 6% -\$1,160.18 \$18,176.16

Totals

Net Price	\$254,365.78
Additional CUES Loyalty Discount:	\$ (17,393.78)
Total Sales Price:	\$236,972.00
FOB: Destination Terms: Net 30 Delivery: 90 – 120 days ARO	

Options (Not included in above pricing)

Manufacturer	Model	Description	Price
--------------	-------	-------------	-------

**North Carolina Sheriffs' Association
Contract Award Agreement**

**Heavy Equipment Procurement Program
Bid 25-09-0423**

We are pleased to announce the North Carolina Sheriffs' Association has successfully completed its statewide competitive award for heavy equipment. All local government units are eligible to utilize this competitively bid contract while keeping with their local governing purchasing ordinances. Bid 25-09-0423 will be effective May 18, 2024 through May 17, 2025.

Congratulations, your company has been included on the Association's price sheet contract controlled by the North Carolina Sheriffs' Association's Solicitation for Bids and Contract Terms and Conditions.

By the award of this contract based on your company's bid for Solicitation Number 25-09-0423, all terms and conditions set forth in the Solicitation for Bids and Contract Terms and Conditions are incorporated herein by reference and agreed to by the Contractor and the North Carolina Sheriffs' Association.

NCSA COOPERATIVE
PURCHASING PROGRAMS



Signature of Authorized Representative

Jonathan Russell

Printed Name of Authorized Representative

CUES, Inc.

Contractor/Vendor Name (Please Print)

May 20, 2024

Date



Signature of NCSA Contract Administrator

Jason D. Bennett

Printed Name of NCSA Contract Administrator

May 18, 2024

Date

BID RECOMMENDATION

DEPARTMENT: **Public Services**

COUNCIL AGENDA DATE: **November 4, 2024**

BID NO.: CONTRACT NO.: DATE OPEN:

DESCRIPTION:

This equipment allows our staff to follow up on complaints in a timely manner and give detailed information about the location of the source of cave-ins, blockages, and possible future issues that could develop. This equipment is also used in emergency situations to analyze pipe failures and quickly provide detailed information prior to repairs being scheduled.

PURPOSE:

The current CCTV camera system for the Stormwater Services Division is approaching the end of its life cycle. Multiple repairs have been needed this past year to maintain functionality which has negatively impacted the ability to find and document utility issues. The purchase of a new unit would assist staff with identifying issues within the stormwater drainage system and determining necessary repairs. This system would also be compatible with the camera system and software used in the Water/Sewer Mains Division.

COMMENTS:

RECOMMEND AWARD TO: **Cues Sewer Inspection System** AMOUNT: **\$236,972.00**

JUSTIFICATION:

Funds were approved during the budget planning for FY 25, and included on the CIP list.

ACCOUNTING UNIT	ACCOUNT	ACTIVITY	CATEGORY	BUDGETED AMOUNT
471251024505	53310			\$236,972.00
TOTAL BUDGETED AMOUNT				

DEPARTMENT HEAD: **Robby Stone** Digitally signed by Robby Stone Date: 2024.10.28 15:18:57 -04'00' DATE: **1-28-2024**

The Purchasing Division concurs with recommendation submitted by the **Public Services** and recommends award to the lowest responsible, responsive bidder **Cues Sewer Inspection System** in the amount of **\$236,972.00**.

PURCHASING MANAGER: **Candy E. Harmon** Digitally signed by Candy E. Harmon Date: 2024.10.28 15:27:01 -04'00' DATE: **10/28/2024**

Approved for Submission to Council

FINANCIAL SERVICES DIRECTOR: **Bobby Fitzjohn** Digitally signed by Bobby Fitzjohn Date: 2024.10.28 15:31:17 -04'00' DATE: **10/28/24**

CITY MANAGER: DATE:
 (For City Council Approval Only)