



Pricelist

January 25, 2021

Index No. STS670

**CUES, Inc.
3600 Rio Vista Avenue
Orlando, Florida 32805
Phone: 407-849-0190
Toll Free: 800-327-7791
Fax: 407-425-1569
Email: terrim@cuesinc.com
Web site: www.cuesinc.com**

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Specifications for:
**Portable Lateral & Mini-Mainline Push System
 Base Unit**

Ohio STS 670
 Contract No.: _____

<u>Manufacturer</u>	<u>Model</u>	<u>Description</u>	<u>Price</u>
CUES	MPlus+	Portable Lateral & Mini-Mainline Push System	\$12,450.00

MPlus+

- 1 CONTROL UNIT WITH TEXT WRITING, OBSERVATION CODING, DIGITAL RECORDING AND INDUSTRIAL GRADE MONITOR IN AN INJECTION MOLDED ENCLOSURE TO INCLUDE:**
 - 1 8.4" industrial grade, optically bonded, sunlight viewable, monitor with anti-reflective properties and LED backlighting
 - 1 Operator Interface with controls for all camera functions
 - 1 Video Titling to include multiple predefined and customizable screens
 - 1 Digital video recording features video recording and playback and records screenshot picture images
 - 1 A USB port for transferring digital video and still images directly from the MPlus+ Control Unit to a PC
 - 1 Control Unit quick bracket mount for attaching to the coiler with hands free locking
 - 1 System Interface connector features Video, Audio, distance counter quadrature and 12VDC outputs and a Video input
 - 1 Built-in Li-Ion Battery with advanced charging technology for 4 hours of continuous use
 - 1 Universal AC power input 85-264 volt AC, 50/60 Hz, or 12 Volt DC Power Source

- 1 STAINLESS STEEL COILER TO INCLUDE:**
 - 1 Heavy 18 gauge and corrosion resistance Stainless Steel construction
 - 1 Adjustable height handle for portability with cam locks and button stops
 - 1 Large 10" durable wheels for portability and a balanced footprint for stability
 - 1 Quick-Connect allows Control Unit mounting with 3 axes adjustability
 - 1 Adjustable coiler brake
 - 1 Integral distance sensor

- 1 200' MINI SYSTEM BLUE PUSH CABLE ASSEMBLY**
 - 1 Push Cable with Durable Hytrel Jacket and Advanced Fiberglass Rod

- 1 MP+ ACCESSORY KIT**

- 1 HIGH POWER MINI CAMERA III W/BUILT-IN SONDE AUTO UPRIGHT**
 - 1 Small Diameter Solid State Color Camera (1.5" Diameter Maximum, 3.0" Length, Maximum)
 - 1 NTSC Standard with Built In Light ring to Include:
 - 1 Light System for 2" to 12" Pipe
 - 1 Twelve (12) Solid State White LED's (Minimum)
 - 1 Built In Transmitter, 512 Hz

An eleven (11) percent discount will be applied to all above pricing after final configuration is determined



Specifications for:
Portable Lateral & Mini-Mainline Push System
Optional Equipment

Ohio STS 670
Contract No.: _____

<u>Manufacturer</u>	<u>Model</u>	<u>Description</u>	<u>Price</u>
CUES	CR010	Add Additional Cable to Wheeled Coiler Base system contains 100' – available in 100' Increments only up to a total of 400'	\$8.00 per Foot
CUES	CM024	Translator, Coiler to MC Truck System	\$276.00
CUES	CM324	MC 12 pin Translator, Coiler to Truck System	\$335.00
CUES	CM042	Guide Ball 6-8"	\$268.00
CUES	062000	Hand held Microphone	\$126.00
CUES	EC1006	SC Adapter cable for Coiler to Truck System	\$356.00
CUES	CM314-2	Wireless Transmission Kit	\$737.00
CUES	QC913-3	Wireless Receiver to work with Wireless Transmission Kit	\$1,100.00
CUES	TR2395	Universal Roller Skid 6-12" Pipe	\$929.00
CUES	CH906	Large Pipe Roller Skid Set	\$967.00
CUES	MS316	Digital Locator Kit for Use with Built-In Sonde	\$2,349.00
CUES	MS319	Analog Locator Kit for Use with Built-In Sonde	\$1,239.00
CUES	TR890	Portable System mount	\$195.00
CUES	471100	Down Hole Guide System	\$559.00
CUES	CS402	Tag Along Sonde for Mini Camera	\$1,410.00
CUES	SR300-11	Spare Camera auto up-right & built in Sonde	\$5,758.00
CUES	Sonde	Built-In Sonde for Mini Camera	\$714.00
CUES	Auto up right	Auto Upright for Mini Camera	\$1,103.00
CUES	CH062	Debris Bag	\$53.00
CUES	CH901	Kit, Line Post	\$135.00
CUES	TR2409	Soft truck mount for MP+	\$521.00

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Specifications for:

Ohio STS 670

Contract No.: _____

**Portable Lateral & Mini-Mainline Push System
Optional Equipment**

Manufacturer	Model	Description	Price
CUES	MS350	Line Transmitter Buzz box	\$1,208.00
CUES	7100DL	Locator	\$1,929.00
CUES	MS620	ACCU Point Line Trace	\$1,375.00
CUES	CH352	Cable to operate MP+ with MC truck	\$248.00
CUES	CH350	GNET Translator w/ video & footage	\$2,052.00
CUES	CH305	MP Plus+ with Pan & Tilt camera 200' Push cable in lieu of MP Plus+ in base	\$23,258.00

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Specifications for:

Ohio STS 670

Contract No.: _____

**Portable Plumber's System
Base Unit**

Manufacturer	Model	Description	Price
CUES/Pearpoint	C541	P341 Plumbers	

1 C541 Plumbers 100' or 200' TO INCLUDE:

- 1 C540 Battery on Board Command Module
- 1 Compact 1/25mm Camera or Self Level 1.23
- 1 Built in 512HZ Sonde
- 1 303 Stainless Steel Case
- 1 Ball skids 1.6"/42mm
- 1 P/TRAP Skid and Mini ball skid
- 1 Camera lighting
- 1 Flexisight Manager Software
- 1 2 GB compact flash card
- 1 Pipe Diameter 1/12" to 4"
- 1 USB Port
- 1 Localization Pack with Bag

An eleven (11) percent discount will be applied to all above pricing after final configuration is determined



Specifications for:

Ohio STS 670

Contract No.: _____

**Portable Plumber's System
Optional Equipment**

Manufacturer	Model	Description	Price
CUES/Pearpoint	PLU	100' System 1" cam	\$6,533.00
CUES/Pearpoint	PLUSL	100' 1.23" Self lever Camera	\$7,402.00
CUES/Pearpoint	PLUSL	200' System 1" cam	\$7,596.00
CUES/Pearpoint	PLUSL+	200' system 1.23" Self lever Camera	\$8,463.00

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Specifications for:

Ohio STS 670

Contract No.: _____

**Portable Flexi Probe System
Base Unit**

Manufacturer	Model	Description	Price
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CUES/Pearpoint	C541 Mini	Flexi Probe System	
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1 C541 Mini 115' Flexiprobe Reel TO INCLUDE:

- 1 C540 Battery on Board Command Module
- 1 Compact 1/25mm Camera or 2"/35 Camera
- 1 Built in 512HZ Sonde
- 1 303 Stainless Steel Case
- 1 LED Camera Lighting
- 1 Flexisight Manager Software
- 1 2 GB compact flash card
- 1 Pipe Diameter 1/12" to 8"
- 1 USB Port
- 1 Command Mode Mounting Kit
- 1 Localization Pack with Bag

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Specifications for:
**Portable Flexi Probe System
Optional Equipment**

Ohio STS 670
Contract No.: _____

Manufacturer	Model	Description	Price
CUES/Pearpoint	Flex-1	115' system 1 Camera w/ sonde	\$7,505.00
CUES/Pearpoint	FlexSL	115' system 1.23" Self lever Camera w/ sonde	\$8,548.00
CUES/Pearpoint	Flex-2	115' system 2" w/ sonde	\$8,548.00

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Specifications for:

Ohio STS 670

Contract No.: _____

**Portable Flexi Probe System
Base Unit**

Manufacturer	Model	Description	Price
CUES/Pearpoint	C542 Flex	Flexi Probe System	

1 C542 choice of 200' or 400' Flexiprobe Reel TO INCLUDE:

- 1 C540 Battery on Board Command Module
- 1 Compact 1/25mm, 1.23" SL Camera, or 2"/35m SL camera
- 1 Built in 512HZ Sonde
- 1 Universal Brush Skid Kit
- 1 303 Stainless Steel Case
- 1 LED Camera Lighting
- 1 Flexisight Manager Software
- 1 2 GB compact flash card
- 1 Pipe Diameter 1/12" to 8"
- 1 USB Port
- 1 Localization Pack with Bag

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Specifications for:

Ohio STS 670

Contract No.: _____

**Portable Flexi Probe System
Optional Equipment**

Manufacturer	Model	Description	Price
CUES/Pearpoint	C550	P 550 Upgrade 200' 2" Cam	\$10,905.00
CUES/Pearpoint	P550	P 550 Upgrade 400' 2" Cam	\$11,025.00
CUES/Pearpoint	Flex	200' system 1" camera w/sonde	\$8,138.00
CUES/Pearpoint	Flex-2	200' system 1.23" Self level Camera w/ sonde	\$9,162.00
CUES/Pearpoint	Flex-3	200' system 2" Self level Camera w/ sonde	\$9,162.00
CUES/Pearpoint	Flex-4	400' system 1" Camera w/ sonde	\$9,282.00
CUES/Pearpoint	Flex-5	400' system 1.23" Self level Camera w/ sonde	\$9,728.00
CUES/Pearpoint	Flex-6	400' system 2" Self level Camera w/ sonde	\$9,728.00

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Specifications for:
**Portable Flexi Probe System
Base Unit**

Ohio STS 670
Contract No.: _____

<u>Manufacturer</u>	<u>Model</u>	<u>Description</u>	<u>Price</u>
CUES/Pearpoint	C543 Flex	Flexi Probe System	

1 C543 500' Flexiprobe Reel TO INCLUDE:

- 1 C540 Battery on Board Command Module
- 1 Compact 1/25m, 1.23" SL Camera, or 2"/35m SL camera
- 1 Built in 512HZ Sonde
- 1 Universal Brush Skid Kit
- 1 303 Stainless Steel Case
- 1 LED Camera Lighting
- 1 Flexisight Manager Software
- 1 2 GB compact flash card
- 1 Pipe Diameter 1/12" to 8"
- 1 USB Port
- 1 Localization Pack with Bag

An eleven (11) percent discount will be applied to all above pricing after final configuration is determined



Specifications for:
**Portable Flexi Probe System
Optional Equipment**

Ohio STS 670
Contract No.: _____

<u>Manufacturer</u>	<u>Model</u>	<u>Description</u>	<u>Price</u>
CUES/Pearpoint	Flex	500' system 1" Camera w/ sonde	\$14,343.00
CUES/Pearpoint	Flex	500' system 2" Camera w/ sonde	\$14,923.00
CUES/Pearpoint	Flex	500' system 1.23" Self level Camera w/ sonde	\$14,923.00

An eleven (11) percent discount will be applied to all above pricing after final configuration is determined



Specifications for:

Ohio STS 670

Contract No.: _____

**Portable Dual System
Base Unit**

Manufacturer	Model	Description	Price
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CUES/Pearpoint	DUAL	Dual System Multi Configurations	
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1 C542 200'/60m or 400'/120m Flexiprobe Reel with a Plumbers Reel

- 100'/35m or 200'/60m
- 1 C540 Battery on Board Command Module
- 1 Both Cameras and sondes included
- 1 Compact 1/25m, 1.23" and 2"/35m camera
- 1 Built in 512HZ 1" on plumbers 2" sonde on the P 342
- 1 Universal Brush Skid Kit
- 1 303 Stainless Steel Case
- 1 LED Camera Lighting
- 1 Flexisight Manager Software
- 1 2 GB compact flash card
- 1 Pipe Diameter 1/12" to 4"
- 1 USB Port
- 1 Localization Pack with Bag

An eleven (11) percent discount will be applied to all above pricing after final configuration is determined



Specifications for:

Ohio STS 670

Contract No.: _____

**Portable Dual System
Optional Equipment**

Manufacturer	Model	Description	Price
CUES/Pearpoint	Dual	200' / 100' Dual Reel 1" & 2" Cam	\$12,937.00
CUES/Pearpoint	Dual	200' / 200' Dual Reel 1" & 2" Cam	\$13,213.00

An eleven (11) percent discount will be applied to all above pricing after final configuration is determined



Specifications for:

Ohio STS 670

Contract No.: _____

**Portable Economy System
Base Unit**

Manufacturer	Model	Description	Price
CUES/Pearpoint	ECONO	Small Economy Package	\$42,109.00
	1	P354 Crawler Assy	
	1	Powered Drum w 305m (1,000') cable w/ Swivel	
	1	Command Module	
	1	Pan/Tilt Camera	
	1	Small PVC Grit Wheels with Adapters	
	1	Medium Wheel Set	
	1	3" Medium Wheel set	
	1	Down hold set (Top / Bottom roller, rope, poles)	
	1	Downhole hook and strap kit	
	1	6" to 8" Multiple Pipe Options	
	1	5m Link Cable	
	1	Localization Pack with Bag	
	1	P350 Cable Blanking Tow Eye	

An eleven (11) percent discount will be applied to all above pricing after final configuration is determined



Specifications for:

Ohio STS 670

Contract No.: _____

**Portable Small Standard System
Base Unit**

Manufacturer	Model	Description	Price
CUES/Pearpoint	Stand	Small Standard Package	\$46,881.00
	1	P354 Crawler Assy	
	1	Powered Drum w 305m (1,000') cable w/ Swivel	
	1	Command Module	
	1	Pendant Controller	
	1	Pan/Tilt Camera	
	1	Small Elevator	
	1	Medium Wheel Set x 2	
	1	3" Medium Wheel set	
	1	3" & 4" PVC Wheel sets	
	1	5m Link Cable	
	1	Down hold set (Top / Bottom roller, rope, poles)	
	1	Downhole hook and strap kit	
	1	6" to 15" Multiple Pipe Options	
	1	Centering in 15" w/ small Elevator	
	1	Localization Pack with Bag	
	1	P350 Cable Blanking Tow Eye	

An eleven (11) percent discount will be applied to all above pricing after final configuration is determined



Specifications for:

Ohio STS 670

Contract No.: _____

**Large Economy Mainline System
Base Unit**

Manufacturer	Model	Description	Price
CUES/Pearpoint	LG Econ	Large Economy Package	\$47,631.00
	1	Large Economy Package Standard Controller	
	1	Powered Drum w 305m (1,000') cable w/ Swivel	
	1	P356 Crawler Assy	
	1	Command Module	
	1	Pan/Tilt Camera	
	1	Down hold set (Top / Bottom roller, rope, poles)	
	1	Downhole hook and strap kit	
	1	Small Elevator	
	1	Medium Wheel Set	
	1	Large Wheel set	
	1	5m Link Cable	
	1	8" to 18" Multiple Pipe Options	
	1	Steering Capability	
	1	Localization Pack with Bag	
	1	P350 Cable Blanking Tow Eye	

An eleven (11) percent discount will be applied to all above pricing after final configuration is determined



Specifications for:

Ohio STS 670

Contract No.: _____

**Large Standard Mainline System
Base Unit**

Manufacturer	Model	Description	Price
CUES/Pearpoint	LG Stand	Large Standard Package	\$59,333.00
	1	Large Standard Package Power Elevator Standard Controller Or Battery on Board	
	1	Powered Drum w 305m (1,000') cable w/ Swivel	
	1	P356 Crawler Assy	
	1	Command Module with Joysticks	
	1	Pan/Tilt Zoom Camera	
	1	Down hold set (Top / Bottom roller, rope, poles)	
	1	Downhole hook and strap kit	
	1	Large Power Elevator	
	1	Medium Wheel Set x2	
	1	Dual Large Wheel set x2	
	1	3" & 4" PVC Wheel sets	
	1	Lighthouse	
	1	5m Link Cable	
	1	Pendant Controller	
	1	8" to 36" Multiple Pipe Options	
	1	Steering Capability	
	1	Centering on 36" w/ large Elevator	
	1	P350 Cable Blanking Tow Eye	
	1	Localization Pack with Bag	

An eleven (11) percent discount will be applied to all above pricing after final configuration is determined



Specifications for:

Ohio STS 670

Contract No.: _____

**Large Deluxe Mainline System
Base Unit**

Manufacturer	Model	Description	Price
CUES/Pearpoint	LG Del	Large Deluxe Package	\$77,554.00
	1	Large Deluxe Package Power Elevator Standard Controller Or Battery on Board	
	1	Powered Drum w 305m (1,000') cable w/ Swivel	
	1	P356 Crawler Assy	
	1	P354 Crawler Assy	
	1	Command Module with Joysticks for power elevator	
	1	Pan & Tilt Camera	
	1	Pan/Tilt Zoom Camera	
	1	Down hold set (Top / Bottom roller, rope, poles)	
	1	Downhole hook and strap kit	
	1	Small Elevator	
	1	Large Power Elevator	
	1	Medium Wheel Set x2	
	1	Dual Large Wheel set	
	1	3" & 4" PVC Wheel sets	
	1	5m Link Cable	
	1	Pendant Controller	
	1	8w Light Head	
	1	8" to 36" Multiple Pipe Options	
	1	Steering Capability	
	1	Centering on 36" w/ large Elevator	
	1	High Resolution Camera	
	1	Superior Lighting Capabilities	
	1	P350 Cable Blanking Tow Eye	

An eleven (11) percent discount will be applied to all above pricing after final configuration is determined

**Platinum Package Mainline System
Base Unit**

Manufacturer	Model	Description	Price
CUES/Pearpoint	Platinum	Platinum Package	\$90,006.00
	1	Platinum Package Power Elevator Standard Controller Or Battery on Board	
	1	Powered Drum w 305m (1,000') cable w/ Swivel	
	1	P354 Crawler Assy	
	1	P356 Crawler Assy	
	1	Command Module	
	1	Pan & Tilt Camera	
	1	Pan/Tilt Zoom Camera	
	1	Down hold set (Top / Bottom roller, rope, poles)	
	1	Downhole hook and strap kit	
	1	Small Elevator	
	1	Large Power Elevator	
	1	Medium Wheel Set x4	
	1	Dual Large Wheel set	
	1	3" Medium Wheel set x2	
	1	3" & 4" PVC Wheel set with adaptors	
	1	5m Link Cable	
	1	Pendant Controller	
	1	8w Light Head	
	1	Accupoint Locator	
	1	8" to 36" Multiple Pipe Options	
	1	Steering Capability	
	1	High Resolution Camera	
	1	Superior Lighting Capabilities	
	1	C542 2" Pushrod Camera System 200' mini system 2"-6" pipe capabilities	

An eleven (11) percent discount will be applied to all above pricing after final configuration is determined



Specifications for:

Ohio STS 670

Contract No.: _____

**Portable Small Standard System
With Hunter Base Station**

Manufacturer	Model	Description	Price
CUES/Pearpoint	ECONO	Small Economy Package with Hunter	\$61,459.00
	1	Small Economy Package with Hunter Base Station	
	1	P354 Crawler Assy	
	1	Powered Drum w 305m (1,000') cable w/ Swivel	
	1	Command Module	
	1	Pan & Tilt Camera	
	1	Small PVC Grit Wheels with adaptors	
	1	Medium Wheel Set	
	1	Down hold set (Top / Bottom roller, rope, poles)	
	1	Downhole hook and strap kit	
	1	6" to 8" Multiple Pipe Options	
	1	5m Link Cable	
	1	Localization Pack with Bag	
	1	P350 Cable Blanking Tow Eye	

An eleven (11) percent discount will be applied to all above pricing after final configuration is determined



Specifications for:
Portable Small Standard System
With Hunter Base Station

Ohio STS 670
Contract No.: _____

Manufacturer	Model	Description	Price
CUES/Pearpoint	Stand	Small Standard Package with Hunter	\$66,232.00
	1	Small Standard Package with Hunter Base Station	
	1	P354 Crawler Assy	
	1	Powered Drum w 305m (1,000') cable w/ Swivel	
	1	Command Module	
	1	Pendant Controller	
	1	Pan & Tilt Camera	
	1	Small Elevator	
	1	Medium Wheel Set x 2	
	1	3" Medium Wheel set	
	1	3" & 4" PVC Wheel sets	
	1	5m Link Cable	
	1	Down hold set (Top / Bottom roller, rope, poles)	
	1	Downhole hook and strap kit	
	1	6" to 15" Multiple Pipe Options	
	1	Centering in 15" w/ small Elevator	
	1	Localization Pack with Bag	
	1	P350 Cable Blanking Tow Eye	

An eleven (11) percent discount will be applied to all above pricing after final configuration is determined



Specifications for:

Ohio STS 670

Contract No.: _____

**Large Economy Mainline System
With Hunter Base Station**

Manufacturer	Model	Description	Price
CUES/Pearpoint	LG Econ	Large Economy Package	\$66,981.00
	1	Large Economy Package Standard Controller with Hunter Base Station	
	1	Powered Drum w 305m (1,000') cable w/ Swivel	
	1	P356 Crawler Assy	
	1	Command Module	
	1	Pan & Tilt Camera	
	1	Down hold set (Top / Bottom roller, rope, poles)	
	1	Downhole hook and strap kit	
	1	Small Elevator	
	1	Medium Wheel Set	
	1	Large Wheel Set	
	1	5m Link Cable	
	1	6" to 18" Multiple Pipe Options	
	1	Steering Capability	
	1	Localization Pack with Bag	
	1	P350 Cable Blanking Tow Eye	

An eleven (11) percent discount will be applied to all above pricing after final configuration is determined



Specifications for:

Ohio STS 670

Contract No.: _____

**Large Standard Mainline System
With Hunter Base Station**

Manufacturer	Model	Description	Price
CUES/Pearpoint	LG Stand	Large Standard Package	\$78,683.00
	1	Large Standard Package Power Elevator Standard Controller Or Battery on Board with Hunter Base Station	
	1	Powered Drum w 305m (1,000') cable w/ Swivel	
	1	P356 Crawler Assy	
	1	Command Module with Joysticks	
	1	Pan & Tilt Camera	
	1	Down hold set (Top / Bottom roller, rope, poles)	
	1	Downhole hook and strap kit	
	1	Large Power Elevator	
	1	Medium Wheel Set x2	
	1	Dual Large Wheel set x 2	
	1	3" Medium Wheel set x2	
	1	3" & 4" PVC Wheel sets	
	1	Lighthouse	
	1	5m Link Cable	
	1	Pendant Controller	
	1	8w Light Head	
	1	8" to 36" Multiple Pipe Options	
	1	Steering Capability	
	1	Centering on 36" w/ large Elevator	
	1	P350 Cable Blanking Tow Eye	
	1	Localization Pack with Bag	

An eleven (11) percent discount will be applied to all above pricing after final configuration is determined



Specifications for:

Ohio STS 670

Contract No.: _____

**Large Deluxe Mainline System
With Hunter Base Station**

Manufacturer	Model	Description	Price
CUES/Pearpoint	LG Del	Large Deluxe Package	\$96,904.00
	1	Large Deluxe Package Power Elevator Standard Controller Or Battery on Board with Hunter Base Station	
	1	Powered Drum w 305m (1,000') cable w/ Swivel	
	2	P356 Crawler Assy	
	1	P354 Crawler Assy	
	1	Command Module with Joysticks for power elevator	
	1	Pan & Tilt Camera	
	1	Pan/Tilt Zoom Camera	
	1	Down hold set (Top / Bottom roller, rope, poles)	
	1	Downhole hook and strap kit	
	1	Small Elevator	
	1	Large Power Elevator	
	1	Medium Wheel Set x2	
	1	Dual Large Wheel set	
	1	3" & 4" PVC Wheel sets	
	1	5m Link Cable	
	1	Pendant Controller	
	1	8w Light Head	
	1	Accupoint Locator	
	1	8" to 36" Multiple Pipe Options	
	1	Steering Capability	
	1	Centering on 36" w/ large Elevator	
	1	High Resolution Camera	
	1	Superior Lighting Capabilities	
	1	P350 Cable Blanking Tow Eye	

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Specifications for:

**Platinum Package Mainline System
With Hunter Box Base Station**

Ohio STS 670

Contract No.: _____

<u>Manufacturer</u>	<u>Model</u>	<u>Description</u>	<u>Price</u>
CUES/Pearpoint	Platinum	Platinum Package	\$109,356.00
	1	Platinum Package Power Elevator Standard Controller Or Battery on Board with Hunter Base Station	
	1	Powered Drum w 305m (1,000') cable w/ Swivel	
	1	P356 Crawler Assy	
	1	P354 Crawler Assy	
	1	Command Module	
	1	Pan & Tilt Camera	
	1	Pan/Tilt Zoom Camera	
	1	Down hold set (Top / Bottom roller, rope, poles)	
	1	Downhole hook and strap kit	
	1	Small Elevator	
	1	Large Power Elevator	
	1	Medium Wheel Set x 4	
	1	Dual Large Wheel set	
	1	3" Medium Wheel Set x 4	
	1	3" & 4" PVC Wheel sets with adaptors	
	1	5m Link Cable	
	1	Pendant Controller	
	1	8w Light Head	
	1	Accupoint Locator	
	1	8" to 36" Multiple Pipe Options	
	1	Steering Capability	
	1	High Resolution Camera	
	1	Superior Lighting Capabilities	
	1	C542 2" Pushrod Camera System 200' mini system 2"-6" pipe capabilities	

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**Portable Mainline and Small Diameter Pipe TV Inspection System
Base Unit**

Manufacturer	Model	Description	Price
CUES	K-2	Portable Mainline and Small Diameter Pipe TV Inspection System for the Inspection of 6" and Larger Mainline sanitary sewers	\$60,516.00

K-2 Iggy Portable Mainline TV Inspection System

1 P&T ZOOM II M/C CAMERA

- 1 Solid State Color Sewer TV Camera
- 1 Pan & Rotate Camera Head, 40:1 Zoom Ratio, 10x Optical Zoom, 4x Digital Zoom
- 1 NTSC Color Standard, 4x Light Integration
- 1 Camera Lighting System,
- 1 Camera Transportation and Storage Case

1 LED LIGHTHEADS FOR MAINLINE CAMERA IN LIEU OF XENON TO INCLUDE:

- 2 4 x 5W Cluster LED's for 6" through 72" lines

1 21" TRAC TRANSPORTER M/C TO INCLUDE:

- 1 6" Track Transporter with Freewheel and Powered Reverse
- 1 Y Eliminator

1 8"-15" EXTENDERS FOR 21" TRAC TRANSPORTER

1 SPARE PARTS KIT FOR TRAC TRANSPORTER TO INCLUDE:

- 1 Additional Chain Links and Rubber Cleats

1 12/5/4 ADAPTER CABLE

1 PCU ASSEMBLY, NTSC

Combination Color Camera Control System / Monitor (110 VAC or 220 VAC, 50 Hz or 60 Hz, NTSC or PAL)

- 1 Mounted in Transportation Cabinet
- 1 10" Flat Screen Monitor & Set of Connecting Jacks for Video In and Video Out
- 1 Integral Data Display System to Include:
 - 1 Alpha Numeric Information Display & Multi Paging and Defect Coding
 - 1 Remote "QWERTY" Keyboard for Data Entry with WRC and PACP Codes

1 WIRED & WIRELESS USB CONTROLLER

- 1 Joystick Control for Pan and Tilt Zoom Camera to Include:
 - 1 360 Degree Rotate
 - 1 330 Degree Optical Pan
- 1 Joystick Control for All Steering Functions & Forward / Reverse Directions for Transporter
- 1 Camera Lift Control for Optional Electronic Camera Lift
- 1 All Other Controls for Camera to Include:
 - 1 Camera Iris and Focus Override & Zoom
 - 1 Camera Lights & Shutter Control for Light Enhancement
 - 1 Camera Diagnostics & Auto Home
- 1 Cruise Control to Set Speed of the Transporter for Hands off Operation



Specifications for:

Ohio STS 670

Contract No.: _____

Manufacturer	Model	Description	Price
	1	All Reel Controls to Include: Retrieve, Release, and Variable Speed [Excluding Dolly Systems]	
	1	1000' CABLE ASSEMBLY, M/C 12PIN METAL	
	1	1000' Gold Multi Conductor Kevlar Fiber Armored Combination TV Transmission / Tow Cable	
	1	.450 Diameter	
	1	Metal Splice Chamber with Pigtail	
	1	Cable Strain Relief	
	1	CABLE, TEST, PORTABLE 2	
	1	WHEELED DOLLY, 110V TO INCLUDE:	
	1	Electric Motor Rewind	
	1	Hand Crank	
	1	Automatic Level wind	
	1	Electronic Footage Meter	
	1	PCU ENCLOSURE FOR DOLLY TO INCLUDE	
	1	Gooseneck Microphone	
	1	Mini Keyboard	
	1	Power Cable	
	1	TIGER TAIL	
	1	MANHOLE TOPROLLER ASSEMBLY, TV ONLY	
	3	RETRIEVAL/DOWNHOLE POLE ASSEMBLY	
	1	RETRIEVAL HOOK	
	2	DAYS TRAINING, ON-SITE (TWO DAYS)	

An eleven (11) percent discount will be applied to all above pricing after final configuration is determined



Specifications for: Ohio STS 670
Portable Mainline and Small Diameter Pipe TV Inspection System Contract No.: _____
Optional Equipment

Manufacturer	Model	Description	Price
CUES	MD633	Wireless controller	\$205.00
CUES	MD313	Easement Arm Assembly for Truck Mount Auto payout reel	\$3,138.00
CUES	DS008	Dolly Truck Mount	\$550.00
CUES	VR007	Wheeled down hole Guide Tube	\$1,111.00
CUES	300654	Down hole Guide tube	\$179.00
CUES	500090	30" Manhole hook	\$83.00
CUES	Clutch	Dolly electric clutch w/ hand held controller Upgrade for Iggy dolly	\$2,006.00
CUES	MD933	Video transfer device for K-2 system	\$1,721.00
CUES	MZ904	Adapter Tube for OZIII	\$2,642.00

An eleven (11) percent discount will be applied to all above pricing after final configuration is determined



Specifications for: Ohio STS 670
Portable Mainline and Small Diameter Pipe TV Inspection System Contract No.: _____
Optional Equipment

<u>Manufacturer</u>	<u>Model</u>	<u>Description</u>	<u>Price</u>
CUES	MD332-1	16' Cable to Control Unit	\$555.00
CUES	MD332-2	25' Cable to Control Unit	\$620.00
CUES	MD310-1	15' Video Umbilical	\$510.00
CUES	MD310-2	30' Video Umbilical	\$825.00
CUES	MD309-1	15' Footage Umbilical	\$502.00
CUES	MD309-2	30' Footage Umbilical	\$601.00

An eleven (11) percent discount will be applied to all above pricing after final configuration is determined

Manufacturer	Model	Description	Price
CUES	Mark3	Portable Mainline and Small Diameter Pipe TV Inspection System for the Inspection of 6" and Larger Mainline sanitary sewers	\$84,316.00

1 P&T ZOOM M/C CAMERA

- 1 Solid State Color Sewer TV Camera
- 1 Pan & Rotate Camera Head, 40:1 Zoom Ratio, 10x Optical Zoom, 4x Digital Zoom
- 1 NTSC Color Standard with 4x Light Integration
- 1 Camera Lighting System for 6" through 72" lines
- 1 Camera Transportation and Storage Case

1 LED LIGHTHEADS FOR MAINLINE CAMERA IN LIEU OF XENON TO INCLUDE:

- 2 4 x 5W Cluster LED's for 6" through 72" lines

1 21" TRAC TRANSPORTER M/C TO INCLUDE:

- 1 6" Track Transporter with Freewheel and Powered Reverse
- 1 Y Eliminator

1 8"-15" EXTENDERS FOR 21" TRAC TRANSPORTER

1 SPARE PARTS KIT FOR TRAC TRANSPORTER TO INCLUDE:

- 1 Additional Chain Links and Rubber Cleats

1 MARK3 Compact Heavy Duty Cable Reel Assembly with Automatic Cable Payout to Include:

- 1 Lightweight Aluminum Construction with Heavy Duty Welded Main Frame Assembly
- 1 Electric Motor Rewind
- 1 Heavy Duty Automatic Level Wind with Bottom entry/exit Cable Point
- 1 Automatic Payout Feature for Video/Power Cable
- 1 Manual Clutch for Freewheel Operation
- 1 12 Conductor Slip Ring
- 1 Slip Ring Assembly
- 1 Stainless Steel Hub Shaft
- 1 Emergency Hand Crank for Cable Retrieval in Case of Power Loss
- 1 Electronic Footage Encoder
- 1 Local Reel Control with Emergency Stop for Safety
- 1 Fully Enclosed Reel for Safety
- 1 Plexiglass Viewing Panels for Level Wind and Cable Drum Areas
- 1 Rear Mount for K3 Power Control Unit

1 K3 Camera and Transporter Power Control Unit to Include:

- 1 Combination Color Camera and Transporter Control System - 110 VAC/60Hz - NTSC
- 1 Electronics Mounted in Weather Proof Ventilated Enclosure with Protective Cage
- 1 Ability to Mount K3 Power Control Unit to Rear of MARK3 Reel or Independently
- 1 Illuminated Main Power Switch
- 1 Built in SD Card Reader for Digital Recording
- 2 USB Connections
- 1 Video out Connection for Remote Monitor
- 1 System Controlled by Wireless or Wired Hand Held Controller
- 1 Integral Data Display System to Include:
- 1 Alpha Numeric Information Display

Specifications for:

Ohio STS 670

Contract No.: _____

- 1 Multi Paging
- 1 Defect Coding
- 1 Multi-function external AV input/output port
- 1 Interface Cable

1 MARK3 Monitor/Keyboard in Weather Proof Case to Include:

- 1 10.4" Flat Panel Sunlight Readable Monitor
- 1 Custom Keypad for Titling and Digital Recording Control
- 1 System Status Indicator
- 1 Microphone Jack
- 1 Built-in Speaker
- 1 USB Port

1 MARK3 Heavy Duty Ram Mount for Mounting Monitor/Keyboard Case to MARK3 Reel to Include:

- 1 Fully Adjustable Ram Mount
- 1 Ability to Raise Monitor/Keyboard Case by 10 Inches
- 1 Ability to Rotate Monitor/Keyboard Case 180 Degrees
- 1 Tilt Adjustment of Monitor/Keyboard Case
- 1 Hardware for Attaching Ram Mount to MARK3 Compact Reel
- 1 Hardware for Attaching Monitor/Keyboard Case to Ram Mount

1 MARK3 Heavy Duty Universal Vehicle Mount (Soft mount) to Include:

- 1 Heavy Duty Aluminum Construction
- 1 Heavy Duty Fold down Easement Roller/Side Load Arm with Cable Guide Fairlead
- 4 Quick Release Stainless Steel Securing Pins with Lanyards
- 1 Rapid Attachment or Removal of MARK3 Compact Reel
- 1 Stainless Steel Drip Pan - Removable for Cleaning

1 MARK3 Heavy Duty Handle Set for Transporting Compact Reel to Include:

- 1 Heavy Duty Lifting Handle Set (2 Handles Total) for MARK3 Compact Reel
- 1 Hardware for Mounting Handles to MARK3 Compact Reel

1 WIRED & WIRELESS USB CONTROLLER

- 1 Joystick Control for Pan and Tilt Zoom Camera to Include:
 - 1 360 Degree Rotate
 - 1 330 Degree Optical Pan
- 1 Joystick Control for All Steering Functions & Forward / Reverse Directions for Transporter
- 1 Camera Lift Control for Optional Electronic Camera Lift
- 1 All Other Controls for Camera to Include:
 - 1 Camera Iris and Focus Override & Zoom
 - 1 Camera Lights & Shutter Control for Light Enhancement
 - 1 Camera Diagnostics & Auto Home
- 1 Cruise Control to Set Speed of the Transporter for Hands off Operation
- 1 All Reel Controls to Include: Retrieve, Release, and Variable Speed

1 CABLE ASSY, M/C, YELLOW STD, 12P, 1000'**1 TIGER TAIL****1 MANHOLE TOP ROLLER ASSEMBLY, TV ONLY****3 RETRIEVAL/DOWNHOLE POLE ASSEMBLY****1 RETRIEVAL HOOK**

An eleven (11) percent discount will be applied to all above pricing after final configuration is determined



Specifications for:

Ohio STS 670

Contract No.: _____

**Portable Mainline and Small Diameter Pipe TV Inspection System
Optional Equipment**

<u>Manufacturer</u>	<u>Model</u>	<u>Description</u>	<u>Price</u>
CUES	TR2990	ONE DRAWER STORAGE UNDER MARK 3 REEL	\$1,726.00

An eleven (11) percent discount will be applied to all above pricing after final configuration is determined

Mainline TV Inspection System for 6”and Larger Mainline Pipelines

Manufacturer	Model	Description	Price
			\$85,792.00

Base Station Portable Mainline TV Inspection System

- 1 BASE STATION FOR .450 CABLE PORTABLE VIDEO INSPECTION SYSTEM REEL & ENCLOSURE**
 - 1 Operates Entire Product Line of Wheeled and Track Transporters for 6" to 200" Pipe
 - 1 Operates Entire product Line of Pan and Tilt Zoom Cameras Made by the Manufacturer
 - 1 Pull - Out Tray for Keyboard
 - 1 Electronic Components Storage Drawer
 - 1 Transporter / Camera Storage Drawer - Mounted Under TV Cable Reel
 - 1 Wireless Control of All Camera, Transporter, and Reel Functions
 - 1 Rack Mounted Controllers, TV Monitor, and Power Control to Maximize Ergonomic Operation
 - 1 Rack "Shock Isolators" to Prevent Equipment Damage from Jarring and Vibrations
 - 1 Sealed Front Door Functions as an Awning When in the Open Position
 - 1 Easy Access to Service and Maintain the Unit via Removable Panels
 - 1 Constructed of Protective Aluminum Sheets and Industrial Grade Weather Resistant Paint
 - 1 Water-Tight Enclosure to protect All Components
 - 1 Reel Assembly with Auto Payout and Automatic Level wind
 - 1 Forklift Skids
- 4 HEAVY DUTY LIFTING EYELETS**
- 1 CABLE, TEST, PORTABLE 2**
- 1 8.7" MINI KEYBOARD**
- 1 P&T ZOOM M/C CAMERA**
 - 1 Solid State Color Sewer TV Camera
 - 1 Pan & Rotate Camera Head, 40:1 Zoom Ratio, 10x Optical Zoom, 4x Digital Zoom
 - 1 NTSC Color Standard with 4x Light Integration
 - 1 Camera Lighting System
 - 1 Camera Transportation and Storage Case
- 1 LED LIGHTHEADS FOR MAINLINE CAMERA IN LIEU OF XENON TO INCLUDE:**
 - 2 4 x 5W Cluster LED's for 6" through 72" lines
- 1 21" TRAC TRANSPORTER M/C TO INCLUDE:**
 - 1 6" Track Transporter with Freewheel and Powered Reverse
 - 1 Y Eliminator
- 1 8"-15" EXTENDERS FOR 21" TRAC TRANSPORTER**
- 1 SPARE PARTS KIT FOR TRAC TRANSPORTER TO INCLUDE:**
 - 1 Additional Chain Links and Rubber Cleats
- 1 12/5/4 ADAPTER CABLE**
- 1 1000' CABLE ASSEMBLY, M/C 12PIN METAL**
 - 1 1000' Gold Multi Conductor Kevlar Fiber Armored Combination TV Transmission / Tow Cable
 - 1 .450 Diameter
 - 1 Metal Splice Chamber with Pigtail
 - 1 Cable Strain Relief

- 1 **19" (MINIMUM) FLATSCREEN COLOR INDUSTRIAL TV MONITOR MEETING ALL COLOR STANDARDS**
- 1 **PCU ASSEMBLY [RACK MOUNT]**
- 1 **CCU ASSEMBLY [RACK MOUNT]**
 - 1 Alpha Numeric Information Display, with Multi Paging and Defect Coding
 - 1 Remote "QWERTY" Keyboard for Data Entry
 - 1 On Screen Footage Display
 - 1 WRC and PACP Codes
- 1 **WIRED & WIRELESS USB CONTROLLER**
 - 1 Joystick Control for Pan and Tilt Zoom Camera to Include:
 - 1 360 Degree Rotate
 - 1 330 Degree Optical Pan
 - 1 Joystick Control for All Steering Functions & Forward / Reverse Directions for Transporter
 - 1 Camera Lift Control for Optional Electronic Camera Lift
 - 1 All Other Controls for Camera to Include:
 - 1 Camera Iris and Focus Override & Zoom
 - 1 Camera Lights & Shutter Control for Light Enhancement
 - 1 Camera Diagnostics & Auto Home
 - 1 Cruise Control to Set Speed of the Transporter for Hands off Operation
 - 1 All Reel Controls to Include: Retrieve, Release, and Variable Speed [Excluding Dolly Systems]
- 1 **8.7" MINI KEYBOARD**
- 1 **TIGER TAIL**
- 1 **MANHOLE TOPROLLER ASSEMBLY, TV ONLY**
- 1 **THREE (3) RETRIEVAL/DOWNHOLE POLE ASSEMBLIES**
- 1 **RETRIEVAL HOOK**
- 2 **TWO DAYS TRAINING, ON-SITE**

An eleven (11) percent discount will be applied to all above pricing after final configuration is determined



Specifications for: **Ohio STS 670**
Portable Mainline TV Inspection System for 6" and Larger Mainline Pipes Contract No.: _____
Optional Equipment

Manufacturer	Model	Description	Price
CUES	MD633	Wireless Controller	\$205.00
HONDA	EC797	2,000 Watt Portable Generator	\$2,431.00
HONDA	TR2247	3,000 Watt Portable Generator	\$4,098.00
CUES	MS208	10 Gallon wash down spray pump system	\$265.00
CUES	QE350-HD	DUC Base station in lieu of Base station in base	\$5,951.00
CUES	DV/SD	Video Transfer Device	\$2593.00

An eleven (11) percent discount will be applied to all above pricing after final configuration is determined

**Trailer Mounted Mainline TV Inspection System
Base Unit**

Manufacturer	Model	Description	Price
CUES	TRL	Trailer mounted Mainline TV Inspection System for the inspection of 6" and larger Sanitary Sewers and Storm Drains	\$135,103.00

7X12 TANDEM AXLE TRAILER, 7000GVWR

- 1 7X12 TANDEM AXLE TRAILER, 7000GVWR**
 - 1 Tandem Axle Trailer

- 1 TV TRAILER EXTERIOR LIGHTING & CONTROL ROOM - EVOLUTION 3.0 TO INCLUDE:**
 - 1 Amber LED Strobe Warning Beacons
 - 2 Adjustable LED Floodlights Rear of Vehicle area
 - Illumination Control Room Interior:
 - 1 Lonseal Lonplate Flooring
 - 1 Kemlite Wall & Ceiling Covering
 - 1 Bulkhead Wall with Passage Door from Control Room to Equipment Room
 - 1 Tinted Viewing Window in Bulkhead Wall
 - 1 Tinted Viewing Window in Bulkhead Door
 - 1 Above Desk Control Console with Rack Mount for Electronic Equipment
 - 1 Desktop / Work Area
 - 1 12V High Intensity LED Light Fixture
 - 2 Electrical Outlet with Dual Receptacles
 - 1 Fire Extinguisher with Bracket, 10BC Rating
 - 1 Operators Chair, Swivel with Casters
 - 1 Breaker Box Storage Area with Locking Positive Latch
 - 1 Battery Powered Carbon Monoxide Alarm

- 1 ROOF TOP AIR CONDITIONER, 13,500 BTU WITH HEAT STRIP**

- 1 STORAGE CABINET UNDER CONTROL ROOM DESKTOP**

- 1 BENCH SEAT IN CONTROL ROOM**

- 1 TV TRAILER EQUIPMENT ROOM INTERIOR - EVOLUTION 3.0 TO INCLUDE:**
 - 1 Lonseal Lonplate Flooring
 - 1 Kemlite Wall & Ceiling Covering
 - 1 Electrical Outlet with Dual Receptacles
 - 1 12V High Intensity LED Light Fixture
 - 1 15 Minute Courtesy Timer Located at Rear Door Area for 12V LED Interior Lights

- 1 P&T ZOOM M/C CAMERA**
 - 1 Solid State Color Sewer TV Camera
 - 1 Pan & Rotate Camera Head, 40:1 Zoom Ratio, 10x Optical Zoom, 4x Digital Zoom
 - 1 NTSC Color Standard with 4x Light Integration
 - 1 Camera Lighting System
 - 1 Camera Transportation and Storage Case

- 1 LED LIGHTHEADS FOR MAINLINE CAMERA IN LIEU OF XENON TO INCLUDE:**
 - 2 4 x 5W Cluster LED's for 6" through 72" lines

- 1 21" TRAC TRANSPORTER M/C TO INCLUDE:**
 - 1 6" Track Transporter with Freewheel and Powered Reverse

Specifications for:

1 Y Eliminator

Ohio STS 670**Contract No.:** _____**1 8"-15" EXTENDERS FOR 21" TRAC TRANSPORTER****1 SPARE PARTS KIT FOR TRAC TRANSPORTER TO INCLUDE:**

1 Additional Chain Links and Rubber Cleats

1 12/5/4 ADAPTER CABLE**1 20-GALLON WASHDOWN SYSTEM TO INCLUDE:**

- 1 20-Gallon Fresh Water Tank
- 1 Electric Water Pump
- 1 Retractable Hose Reel with 25' Water Hose and Nozzle

1 UPPER AND LOWER STORAGE CABINET IN EQUIPMENT ROOM

- 1 Lower Storage Cabinet / Work Top with Sink and Faucet
- 1 Upper Wall Mounted Storage Cabinet

1 ADDITIONAL LIGHTING AND OUTLET

- 1 Light Mounted Above Work Top
- 1 Dual Receptacle Outlet above Work Top

1 24" REAR FLATSCREEN MONITOR MOUNTED ON A SIDEWALL OF THE REARMOST SECTION OF THE UNIT

- 1 Flat Screen Monitor
- 1 Cable Assembly - Video Monitor to Monitor in Control Room
- 1 Monitor Mounting Bracket for SIDEWALL

1 15 GALLON EPA FUEL TANK FOR TRAILER**1 7000 WATT GAS ONAN EVAPORATOR GENERATOR**

- 1 120 Volt 60 HZ 7000 Watt EFI (Electronic Fuel Injection) Commercial Grade Generator
 - 1 Gasoline Powered
 - 1 Electric Start
 - 1 Air Cooled
 - 1 Generator Remote Start/Stop Cable assembly

1 POWER SUPPLY COMPONENTS TO INCLUDE:

- 1 Commercial Power Supply Receptacle, 25' Cord, and Plug
- 1 Electrical Supply Center with Circuit Breaker Box
- 1 Commercial power and Generator Power Connectors
- 1 Automatic Power Transfer Switch

1 SYSTEM ENGINEERING PANEL, FOR POWER INFORMATION AND GENERATOR FUNCTIONS, RACK MOUNTED, TO INCLUDE:

- 1 Four Function AC Power Meter displaying Critical Power Information including:
 - 1 Voltage
 - 1 Hertz
 - 1 Amperage
 - 1 Active Power (Watts)
- 1 Front panel Selector Switch for two modes of operation:
 - 1 Fixed reading
 - 1 Continuous Auto-cycling
 - 1 Generator Battery Meter to Display Starting and Charging Voltage
 - 1 Generator Hour Meter
 - 1 Generator Remote Start/Stop Control Switch
 - 1 On/Off Switch for Emergency Warning Beacons (Switch to Illuminate When On)

Specifications for:**Ohio STS 670****Contract No.:** _____**1 1000' CABLE ASSEMBLY, M/C 12PIN METAL**

- 1 1000' Gold Multi Conductor Kevlar Fiber Armored Combination TV Transmission / Tow Cable
- 1 .450 Diameter
- 1 Metal Splice Chamber with Pigtail
- 1 Cable Strain Relief

1 TV REEL ASSEMBLY, MECHANICAL FOOTAGE FOR SUMMIT .450 CABLE

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

1 AUTOMATIC PAYOUT SYSTEM FOR REEL - INSTALLED**1 DVR/USB ASSEMBLY KIT WITH MICROPHONE F/TRUCK****1 19" (MINIMUM) FLATSCREEN COLOR INDUSTRIAL TV MONITOR NTSC / PAL COLOR STANDARDS****1 PCU ASSEMBLY [RACK MOUNT]****1 CCU ASSEMBLY [RACK MOUNT]**

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

1 TEST CABLE**1 8.7" MINI KEYBOARD****1 BRACKET, LOGITECH CONTROLLER, K2****1 WIRED & WIRELESS USB CONTROLLER**

- 1 Joystick Control for Pan and Tilt Zoom Camera to Include:
 - 1 360 Degree Rotate
 - 1 330 Degree Optical Pan
- 1 Joystick Control for All Steering Functions & Forward / Reverse Directions for Transporter
- 1 Camera Lift Control for Optional Electronic Camera Lift
- 1 All Other Controls for Camera to Include:
 - 1 Camera Iris and Focus Override & Zoom
 - 1 Camera Lights & Shutter Control for Light Enhancement
 - 1 Camera Diagnostics & Auto Home
- 1 Cruise Control to Set Speed of the Transporter for Hands Off Operation
- 1 All Reel Controls to Include: Retrieve, Release, and Variable Speed

1 KIT, DOWNHOLE, STD

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

1 MULTI CONDUCTOR TV ONLY TOOL KIT

- 1 Milliamp meter Tool
- 1 Electrical Tape

Specifications for:**Ohio STS 670****Contract No.:** _____

- 1 Needle Nose Pliers
- 1 Six-In-One Screwdriver
- 1 6" Adjustable Wrench
- 1 Anti Seize Grease
- 1 9-Piece Allen Wrench kit
- 1 Solder Iron Kit
- 1 Pliers
- 1 5/32 T-Handle Hex Wrench

1 REDI EVALUATION KIT TO INCLUDE:

- 1 Rugged Weather Proof Storage Case
- 1 Digital Hi-Resolution Wide Angle Web Camera
- 1 Diagnostic Test Box to Include:
 - 1 Voltage Test Points
 - 1 Built-In Mini Camera
- 1 Footage Test Box
- 1 Digital Multi-Meter
- 1 USB Diagnostic Tool
- 1 Video Cables and Adaptors

1 TRAINING, ON-SITE (TWO DAYS)

An eleven (11) percent discount will be applied to all above pricing after final configuration is determined



Specifications for:

Ohio STS 670

Contract No.: _____

**Trailer Mounted
Optional Equipment**

Manufacturer	Model	Description	Price
CUES	7 X 14	7 X 14 Trailer in lieu of 12' trailer in Base	\$600.00
CUES	8 X 16	8 X 16 Trailer 10,000 GVW in lieu of 12' trailer in Base	\$3,750.00
CUES	7 X 12	7 X 12 Trailer Only	\$11,642.00
CUES	7 X 14	7 X 14 Only	\$12,050.00
CUES	Desk	Desk top for Control room	\$1,836.00
CUES	Lonseal	Lonseal Flooring for Trailer	\$1,200.00
CUES	Kemlite	Kemlite for Trailer	\$3,000.00
CUES	Paint	Painted walls for Trailer	\$1,500.00
CUES	EVO	Complete EVO 3 interior for Trailer	\$29,500.00

An eleven (11) percent discount will be applied to all above pricing after final configuration is determined

**Ford Transit Mounted Mainline TV Inspection System
Base Unit**

Manufacturer	Model	Description	Price
CUES	Ford	Gas Transit Mounted Mainline TV Inspection Summit System for the inspection of 6" and larger Sanitary Sewers and Storm Drains	\$184,083.00

1 TRANSIT VAN EXTERIOR LIGHTING & CONTROL ROOM - EVOLUTION 3.0 TO INCLUDE:

- 2 Amber LED Strobe Warning Beacons
- 2 Adjustable LED Floodlights Rear of Vehicle Area
- illumination Control Room Interior:
- 1 Lonseal Lonplate Flooring
- 1 Kemlite Wall & Ceiling Covering
- 1 Bulkhead Wall with Passage Door from Control Room to Equipment Room
- 1 Tinted Viewing Window in Bulkhead Wall
- 1 Tinted Viewing Window in Bulkhead Door
- 1 Above Desk Control Console with Rack Mount for Electronic Equipment
- 1 Desktop / Work Area
- 1 LED Light Fixture
- 2 Electrical Outlet with Dual Receptacles
- 1 Fire Extinguisher with Bracket, 10BC Rating
- 1 Operators Chair
- 1 Breaker Box Storage Area with Locking Positive Latch

1 ROOF TOP AIR CONDITIONER, 13,500 BTU WITH HEAT STRIP

1 TRANSIT VAN EQUIPMENT ROOM INTERIOR - EVOLUTION 3.0 TO INCLUDE:

- 1 Lonseal Lonplate Flooring
- 1 Kemlite Wall & Ceiling Covering
- 1 Electrical Outlet with Dual Receptacles
- 1 LED Light Fixture

1 10-GALLON WASHDOWN SYSTEM TO INCLUDE:

- 1 10-Gallon Fresh Water Tank
- 1 Electric Water Pump
- 1 Retractable Hose Reel with 25' Water Hose and Nozzle

1 ON-BOARD AC POWER SYSTEM, DYNAMIC INVERTER, 6.3KW

1 DIGITAL ENGINEERING PANEL FOR INVERTER SYSTEM, BLACK

1 24" REAR FLAT SCREEN MONITOR MOUNTED IN BULKHEAD WALL

- 1 Flat Screen Monitor
- 1 Cable Assembly - Video Monitor to Monitor in Control Room
- 1 Electrical Outlet

1 P&T ZOOM M/C CAMERA

- 1 Solid State Color Sewer TV Camera
- 1 Pan & Rotate Camera Head, 40:1 Zoom Ratio, 10x Optical Zoom, 4x Digital Zoom
- 1 NTSC Color Standard with 4x Light Integration
- 1 Camera Lighting System for 6" through 72" lines
- 1 Camera Transportation and Storage Case

1 LED LIGHTHEADS FOR MAINLINE CAMERA IN LIEU OF XENON TO INCLUDE:

- 2 4 x 5W Cluster LED's for 6" through 72" lines

-
- Specifications for:** **Ohio STS 670**
- Contract No.:** _____
- 1 **21" TRAC TRANSPORTER M/C TO INCLUDE:**
 - 1 6" Track Transporter with Freewheel and Powered Reverse
 - 1 Y Eliminator

 - 1 **8"-15" EXTENDERS FOR 21" TRAC TRANSPORTER**

 - 1 **SPARE PARTS KIT FOR TRAC TRANSPORTER TO INCLUDE:**
 - 1 Additional Chain Links and Rubber Cleats

 - 1 **12/5/4 ADAPTER CABLE**

 - 1 **1000' CABLE ASSEMBLY, M/C 12PIN METAL**
 - 1 1000' Gold Multi Conductor Kevlar Fiber Armored Combination TV Transmission / Tow Cable
 - 1 .450 Diameter
 - 1 Metal Splice Chamber with Pigtail
 - 1 Cable Strain Relief

 - 1 **TV REEL ASSEMBLY, MECHANICAL FOOTAGE FOR SUMMIT .450 CABLE**
 - 1 Black Thermoplastic Powder Coated Frame
 - 1 Power Level wind & Multi Ratio Manual Transmission
 - 1 Footage Meter with Local Counter and Remote Electronic Counter
 - 1 Transmission Control at Viewing Station
 - 1 Local Reel Mount Electrical and Mechanical Control
 - 1 Sealed Continuous Contact Collector Assembly
 - 1 Removable Drip Pan for Cleaning

 - 1 **AUTOMATIC PAYOUT SYSTEM FOR REEL - INSTALLED**

 - 1 **DVR/USB ASSEMBLY KIT WITH MICROPHONE F/TRUCK**

 - 1 **19" (MINIMUM) FLATSCREEN COLOR INDUSTRIAL TV MONITOR NTSC / PAL COLOR STANDARDS**

 - 1 **PCU ASSEMBLY [RACK MOUNT]**

 - 1 **CCU ASSEMBLY [RACK MOUNT]**
 - 1 Alpha Numeric Information Display, with Multi Paging and Defect Coding
 - 1 Remote "QWERTY" Keyboard for Data Entry
 - 1 On Screen Footage Display

 - 1 **WIRED & WIRELESS USB CONTROLLER**
 - 1 Joystick Control for Pan and Tilt Zoom Camera to Include:
 - 1 360 Degree Rotate
 - 1 330 Degree Optical Pan
 - 1 Joystick Control for All Steering Functions & Forward / Reverse Directions for Transporter
 - 1 Camera Lift Control for Optional Electronic Camera Lift
 - 1 All Other Controls for Camera to Include:
 - 1 Camera Iris and Focus Override & Zoom
 - 1 Camera Lights & Shutter Control for Light Enhancement
 - 1 Camera Diagnostics & Auto Home
 - 1 Cruise Control to Set Speed of the Transporter for Hands off Operation
 - 1 All Reel Controls to Include: Retrieve, Release, and Variable Speed

 - 1 **8.7" MINI KEYBOARD**

 - 1 **MANHOLE TOPROLLER ASSEMBLY, TV ONLY**

 - 1 **MANHOLE ADAPTER CLAW HOOK**
-

1 INVERT ROLLER ASSEMBLY

1 RETRIEVAL HOOK

1 MULTI CONDUCTOR TV ONLY TOOL KIT

- 1 Milliamp meter Tool
- 1 Electrical Tape
- 1 Needle Nose Pliers
- 1 Six-In-One Screwdriver
- 1 6" Adjustable Wrench
- 1 Anti Seize Grease
- 1 9-Piece Allen Wrench kit
- 1 Solder Iron Kit
- 1 Industrial Pliers
- 1 5/32 T-Handle Hex Wrench
- 1 Multi Conductor TV Only Operation Manual
- 1 Parts Catalog
- 1 Cable Repair Kit DVD
- 1 TV Only Training DVD

1 REDI EVALUATION KIT TO INCLUDE:

- 1 Rugged Weather Proof Storage Case
- 1 Digital Hi-Resolution Wide Angle Web Camera
- 1 Diagnostic Test Box To Include:
 - 1 Voltage Test Points
 - 1 Built-In Mini Camera
- 1 Footage Test Box
- 1 Digital Multi-Meter
- 1 USB Diagnostic Tool
- 1 Video Cables and Adaptors

2 DAYS TRAINING, ON-SITE

An eleven (11) percent discount will be applied to all above pricing after final configuration is determined



Specifications for:

Ohio STS 670

Contract No.: _____

Optional Equipment

Manufacturer	Model	Description	Price
CUES	Transit	Diesel Transit IN LIEU OF Gasoline chassis with MEPS unit	\$3,500.00

An eleven (11) percent discount will be applied to all above pricing after final configuration is determined

**Sprinter Cargo Van Mounted Mainline TV Inspection System
Base Unit**

Manufacturer	Model	Description	Price
CUES	SP3500	Sprinter Cargo Van Mounted Mainline TV Inspection Summit System for the inspection of 6" and larger Sanitary Sewers and Storm Drains	\$192,619.00

1 DIESEL SPRINTER 3500, 11,030 GVWR

- 1 Blue tec SCR V6 Diesel Engine
- 1 5-Speed Automatic Transmission
- 1 170" Wheel Base
- 1 Standard Driver / Passenger Seat with Seat Belts and Sun Visors
- 1 Cab Air Conditioner
- 1 AM / FM Radio

1 BACK-UP COLOR CAMERA SYSTEM [CHASSIS]

1 TV SPRINTER VAN EXTERIOR LIGHTING & CONTROL ROOM TO INCLUDE:

- 2 Amber Electronic Strobe Warning Beacons
- 2 Adjustable Floodlights Rear of Vehicle Area Illumination
- Control Room Interior:
 - 1 Lonseal Lonplate Flooring
 - 1 Laminated Surface Wall Covering
 - 1 Laminated Ceiling Covering
 - 1 Bulkhead Wall with Passage Door from Control Room to Equipment Room
 - 1 "Safety Plus Visual" Viewing Window in Bulkhead Wall
 - 1 Built in Control Console
 - 1 Rack Mount for Electronic Equipment Mounted Above Viewing Window
 - 1 Desktop / Work Area
 - 1 110-Volt Fluorescent Light Fixture
 - 1 Electrical Outlet with Dual Receptacles
 - 1 Fire Extinguisher with Bracket, 10BC Rating
 - 1 Operators Chair, Swivel with Casters
 - 1 12-Volt Courtesy Light

1 ROOF TOP AIR CONDITIONER, 13,500 BTU WITH HEAT STRIP

1 TV SPRINTER VAN EQUIPMENT ROOM INTERIOR TO INCLUDE:

- 1 Electrical Outlet with Dual Receptacles
- 1 Down hole Pole Mounting Bracket Assembly
- 1 110-Volt Fluorescent Light Fixture
- 1 12-Volt Courtesy Light
- 1 15-Minute Timer at Rear Door Area for Courtesy Lights

1 LONSEAL LONPLATE FLOORING IN EQUIPMENT ROOM

1 ON-BOARD AC POWER SYSTEM, DYNAMIC INVERTER, 6.3KW

1 DIGITAL ENGINEERING PANEL FOR INVERTER SYSTEM, BLACK

1 24" REAR FLAT SCREEN MONITOR MOUNTED IN BULKHEAD WALL

- 1 Flat Screen Monitor
- 1 Cable Assembly - Video Monitor to Monitor in Control Room
- 1 Electrical Outlet

1 P&T ZOOM M/C CAMERA

- 1 Solid State Color Sewer TV Camera
- 1 Pan & Rotate Camera Head, 40:1 Zoom Ratio, 10x Optical Zoom, 4x Digital Zoom
- 1 NTSC Color Standard with 4x Light Integration
- 1 Camera Lighting System for 6" through 72" lines
- 1 Camera Transportation and Storage Case

1 LED LIGHTHEADS FOR MAINLINE CAMERA IN LIEU OF XENON TO INCLUDE:

- 2 4 x 5W Cluster LED's for 6" through 72" lines

1 21" TRAC TRANSPORTER M/C TO INCLUDE:

- 1 6" Track Transporter with Freewheel and Powered Reverse
- 1 Y Eliminator

1 8"-15" EXTENDERS FOR 21" TRAC TRANSPORTER**1 SPARE PARTS KIT FOR TRAC TRANSPORTER TO INCLUDE:**

- 1 Additional Chain Links and Rubber Cleats

1 12/5/4 ADAPTER CABLE**1 1000' CABLE ASSEMBLY, M/C 12PIN METAL**

- 1 1000' Gold Multi Conductor Kevlar Fiber Armored Combination TV Transmission / Tow Cable
- 1 .450 Diameter
- 1 Metal Splice Chamber with Pigtail
- 1 Cable Strain Relief

1 TV REEL ASSEMBLY, MECHANICAL FOOTAGE FOR SUMMIT .450 CABLE

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

1 AUTOMATIC PAYOUT SYSTEM FOR REEL - INSTALLED**1 DVR/USB ASSEMBLY KIT WITH MICROPHONE F/TRUCK****1 19" (MINIMUM) FLATSCREEN COLOR INDUSTRIAL TV MONITOR NTSC / PAL COLOR STANDARDS****1 PCU ASSEMBLY [RACK MOUNT]****1 CCU ASSEMBLY [RACK MOUNT]**

- 1 Alpha Numeric Information Display, with Multi Paging and Defect Coding
- 1 Remote "QWERTY" Keyboard for Data Entry
- 1 On Screen Footage Display

1 WIRED & WIRELESS USB CONTROLLER

- 1 Joystick Control for Pan and Tilt Zoom Camera to Include:
 - 1 360 Degree Rotate
 - 1 330 Degree Optical Pan
- 1 Joystick Control for All Steering Functions & Forward / Reverse Directions for Transporter
- 1 Camera Lift Control for Optional Electronic Camera Lift

Specifications for:**Ohio STS 670****Contract No.:** _____

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

1 8.7" MINI KEYBOARD**1 MANHOLE TOPROLLER ASSEMBLY, TV ONLY****1 MANHOLE ADAPTER CLAW HOOK****6 RETRIEVAL/DOWNHOLE POLE ASSEMBLY****1 INVERT ROLLER ASSEMBLY****1 RETRIEVAL HOOK****1 MULTI CONDUCTOR TV ONLY TOOL KIT**

- 1 Milliamp meter Tool
- 1 Electrical Tape
- 1 Needle Nose Pliers
- 1 Six-In-One Screwdriver
- 1 6" Adjustable Wrench
- 1 Anti Seize Grease
- 1 9-Piece Allen Wrench kit
- 1 Solder Iron Kit
- 1 Industrial Pliers
- 1 5/32 T-Handle Hex Wrench
- 1 Multi Conductor TV Only Operation Manual
- 1 Parts Catalog
- 1 Cable Repair Kit DVD
- 1 TV Only Training DVD

1 REDI EVALUATION KIT TO INCLUDE:

- 1 Rugged Weather Proof Storage Case
- 1 Digital Hi-Resolution Wide Angle Web Camera
- 1 Diagnostic Test Box To Include:
 - 1 Voltage Test Points
 - 1 Built-In Mini Camera
- 1 Footage Test Box
- 1 Digital Multi-Meter
- 1 USB Diagnostic Tool
- 1 Video Cables and Adaptors

2 DAYS TRAINING, ON-SITE

An eleven (11) percent discount will be applied to all above pricing after final configuration is determined



Specifications for: Ohio STS 670
 Chevy 4500 DRW Cutaway Mounted Mainline TV Inspection System Contract No.: _____
 Base Unit

Manufacturer	Model	Description	Price
CUES	CH-DRW	Chevy 4500 DRW Cutaway Mounted Mainline TV Summit Inspection System for the inspection of 6" and larger Sanitary Sewers and Storm Drains	\$208,500.00

1 16' CARGO BOX WITH WALK THRU

- 1 2" X 6" Dense Pine Flooring
- 1 LED Light Package Includes Body Clearance and Stop / Tail / Turn
- 1 Full Width Barn Doors with CAM (Pipe) Locks on Each Door
- 2 Laminated Steel Lock
- 1 Kemlite Covering on Inside Rear Doors
- 1 Back up Alarm

1 BACK-UP COLOR CAMERA SYSTEM [CHASSIS]

1 SAFE ENTRY/EXIT BUMPER

- 1 Three (3) Steps Evenly Spaced
- 1 Bottom Step Folds Up for Ground Clearance
- 1 Safety Grab Handle

1 KICKPLATE TRANSPORTER STORAGE

- 1 Lockable Storage Compartment for Camera and Transporter
- 1 Sliding Drawer
- 1 Notch in rear door threshold of body for TV cable to pass through to transporter storage drawer

1 KICKPLATE 2 DRAWER STACK ALUMINUM STORAGE

1 TV HIGH CUBE VAN EXTERIOR LIGHTING & CONTROL ROOM EVOLUTION 3.0 TO INCLUDE:

- 2 Amber Electronic Strobe Warning Beacons
- 2 Adjustable Floodlights Rear of Vehicle Area Illumination
- Control Room Interior:
- 1 Lonseal Lonplate Flooring
- 1 Kemlite Wall & Ceiling Covering
- 1 Bulkhead Wall with Passage Door from Control Room to Equipment Room
- 1 Tinted Viewing Window in Bulkhead Wall
- 1 Tinted Viewing Window in Bulkhead Door
- 1 Above Desk Control Console with Rack Mount for Electronic Equipment
- 1 Desktop / Work Area
- 1 12V High Intensity LED Light Fixture
- 2 Electrical Outlet with Dual Receptacles
- 1 Fire Extinguisher with Bracket, 10BC Rating
- 1 Operators Chair, Swivel with Casters
- 1 12-Volt Courtesy Light

1 ROOF TOP AIR CONDITIONER, 13,500 BTU WITH HEAT STRIP

1 TV HI-CUBE VAN EQUIPMENT ROOM INTERIOR EVOLUTION 3.0 TO INCLUDE:

- 1 Kemlite Wall & Ceiling Covering
- 1 Climate Controlled Breaker Box/Electronics Storage Area with Locking Positive Latches
- 1 Electrical Outlet with Dual Receptacles
- 1 12V High Intensity LED Light Fixture

1 LONSEAL LONPLATE FLOORING IN EQUIPMENT ROOM**1 32" REAR FLAT SCREEN MONITOR MOUNTED IN BULKHEAD WALL**

- 1 Flat Screen Monitor
- 1 Cable Assembly - Video Monitor to Monitor in Control Room
- 1 Electrical Outlet

1 7000 WATT GAS ONAN GENERATOR

- 1 120 Volt 60 HZ 7000 Watt EFI (Electronic Fuel injection) Commercial Grade Generator
- 1 Gasoline Powered
- 1 Electric Start
- 1 Air Cooled
- 1 Generator Remote Start/Stop Cable assembly

1 GENERATOR COMPARTMENT [UNDER CHASSIS MOUNT]

- 1 Generator Storage Compartment with Lockable External Access Door
- 1 Commercial Power Supply Receptacle, 25' Cord, and Plug
- 1 Electrical Supply Center with Circuit Breaker Box
- 1 Commercial power and Generator Power Connectors
- 1 Automatic Power Transfer Switch

1 SYSTEM ENGINEERING PANEL, FOR POWER INFORMATION AND GENERATOR FUNCTIONS, RACK MOUNTED, TO INCLUDE:

- 1 Four Function AC Power Meter displaying Critical Power Information including:
 - 1 Voltage
 - 1 Hertz
 - 1 Amperage
 - 1 Active Power (Watts)
- 1 Front panel Selector Switch for two modes of operation:
 - 1 Fixed reading
 - 1 Continuous Auto-cycling
- 1 Generator Battery Meter to Display Starting and Charging Voltage
- 1 Generator Hour Meter
- 1 Generator Remote Start/Stop Control Switch
- 1 On/Off Switch for Emergency Warning beacons (Switch to Illuminate When On)

1 P&T ZOOM M/C CAMERA

- 1 Solid State Color Sewer TV Camera
- 1 Pan & Rotate Camera Head, 40:1 Zoom Ratio, 10x Optical Zoom, 4x Digital Zoom
- 1 NTSC Color Standard with 4x Light Integration
- 1 Camera Lighting System for 6" through 72" lines
- 1 Camera Transportation and Storage Case

1 LED LIGHTHEADS FOR MAINLINE CAMERA IN LIEU OF XENON TO INCLUDE:

- 2 4 x 5W Cluster LED's for 6" through 72" lines

1 21" TRAC TRANSPORTER M/C TO INCLUDE:

- 1 6" Track Transporter with Freewheel and Powered Reverse
- 1 Y Eliminator

1 8"-15" EXTENDERS FOR 21" TRAC TRANSPORTER**1 SPARE PARTS KIT FOR TRAC TRANSPORTER TO INCLUDE:**

- 1 Additional Chain Links and Rubber Cleats

-
- Specifications for:** **Ohio STS 670**
- 1 12/5/4 ADAPTER CABLE** **Contract No.:** _____
- 1 1000' CABLE ASSEMBLY, M/C 12PIN METAL**
- 1 1000' Gold Multi Conductor Kevlar Fiber Armored Combination TV Transmission / Tow Cable
 - 1 .450 Diameter
 - 1 Metal Splice Chamber with Pigtail
 - 1 Cable Strain Relief
- 1 TV REEL ASSEMBLY, MECHANICAL FOOTAGE FOR SUMMIT .450 CABLE**
- 1 Black Thermoplastic Powder Coated Frame
 - 1 Power Level wind & Multi Ratio Manual Transmission
 - 1 Footage Meter with Local Counter and Remote Electronic Counter
 - 1 Transmission Control at Viewing Station
 - 1 Local Reel Mount Electrical and Mechanical Control
 - 1 Sealed Continuous Contact Collector Assembly
 - 1 Removable Drip Pan for Cleaning
- 1 AUTOMATIC PAYOUT SYSTEM FOR REEL - INSTALLED**
- 1 DVR/USB ASSEMBLY KIT WITH MICROPHONE F/TRUCK**
- 1 19" (MINIMUM) FLATSCREEN COLOR INDUSTRIAL TV MONITOR NTSC / PAL COLOR STANDARDS**
- 1 PCU ASSEMBLY [RACK MOUNT]**
- 1 CCU ASSEMBLY [RACK MOUNT]**
- 1 Alpha Numeric Information Display, with Multi Paging and Defect Coding
 - 1 Remote "QWERTY" Keyboard for Data Entry
 - 1 On Screen Footage Display
- 1 WIRED & WIRELESS USB CONTROLLER**
- 1 Joystick Control for Pan and Tilt Zoom Camera to Include:
 - 1 360 Degree Rotate
 - 1 330 Degree Optical Pan
 - 1 Joystick Control for All Steering Functions & Forward / Reverse Directions for Transporter
 - 1 Camera Lift Control for Optional Electronic Camera Lift
 - 1 All Other Controls for Camera to Include:
 - 1 Camera Iris and Focus Override & Zoom
 - 1 Camera Lights & Shutter Control for Light Enhancement
 - 1 Camera Diagnostics & Auto Home
 - 1 Cruise Control to Set Speed of the Transporter for Hands off Operation
 - 1 All Reel Controls to Include: Retrieve, Release, and Variable Speed
- 1 8.7" MINI KEYBOARD**
- 1 MANHOLE TOPROLLER ASSEMBLY, TV ONLY**
- 1 MANHOLE ADAPTER CLAW HOOK**
- 6 RETRIEVAL/DOWNHOLE POLE ASSEMBLY**
- 1 INVERT ROLLER ASSEMBLY**
- 1 RETRIEVAL HOOK**
- 1 MULTI CONDUCTOR TV ONLY TOOL KIT**
- 1 Milliamp meter Tool
 - 1 Electrical Tape

Specifications for:**Ohio STS 670****Contract No.:** _____

- 1 Needle Nose Pliers
- 1 Six-In-One Screwdriver
- 1 6" Adjustable Wrench
- 1 Anti Seize Grease
- 1 9-Piece Allen Wrench kit
- 1 Solder Iron Kit
- 1 Industrial Pliers
- 1 5/32 T-Handle Hex Wrench
- 1 Multi Conductor TV Only Operation Manual
- 1 Parts Catalog
- 1 Cable Repair Kit DVD
- 1 TV Only Training DVD

1 REDI EVALUATION KIT TO INCLUDE:

- 1 Rugged Weather Proof Storage Case
- 1 Digital Hi-Resolution Wide Angle Web Camera
- 1 Diagnostic Test Box To Include:
 - 1 Voltage Test Points
 - 1 Built-In Mini Camera
- 1 Footage Test Box
- 1 Digital Multi-Meter
- 1 USB Diagnostic Tool
- 1 Video Cables and Adaptors

2 DAYS TRAINING, ON-SITE

An eleven (11) percent discount will be applied to all above pricing after final configuration is determined

Specifications for:

Ohio STS 670

Contract No.: _____

**Ford E-450 DRW Cutaway Mounted Mainline TV Inspection System
Base Unit**

Manufacturer	Model	Description	Price
CUES	E-450-DRW	Ford E-450 DRW Cutaway Mounted Mainline TV Inspection Summit System for the inspection of 6" and larger Sanitary Sewers and Storm Drains	\$207,808.00

1 FORD E-450 GAS CUT-A-WAY 176" WB 2X4 CHASSIS

- 1 6.8L SOHC EFI Triton V10 Engine
- 1 5-Speed Automatic Transmission with OD including:
 - 1 Auxiliary Cooler
 - 1 Tow / Haul Mode
- 1 4.56 Axle Ratio
- 1 14,500 lb. GVWR
- 1 176" Wheel Base
- 1 Standard Driver / Passenger Seat with Seat Belts and Sun Visors
- 1 12-Volt Light in Cab Area
- 1 Cab Air Conditioner
- 1 AM / FM Radio

1 16' CARGO BOX WITH WALKTHRU

- 1 Aero Cap with Walk Thru
- 1 2" X 6" Dense Pine Flooring
- 1 LED Light Package Includes Body Clearance and Stop / Tail / Turn
- 1 Full Width Barn Doors with CAM (Pipe) Locks on Each Door
- 2 Laminated Steel Lock
- 1 Kemlite Covering on Inside Rear Doors
- 1 Back up Alarm

1 BACK-UP COLOR CAMERA SYSTEM [CHASSIS]

1 SAFE ENTRY/EXIT BUMPER

- 1 Three (3) Steps Evenly Spaced
- 1 Bottom Step Folds Up for Ground Clearance
- 1 Safety Grab Handle

1 KICKPLATE TRANSPORTER STORAGE

- 1 Lockable Storage Compartment for Camera and Transporter
- 1 Sliding Drawer
- 1 Notch in rear door threshold of body for TV cable to pass through to transporter storage drawer

1 KICKPLATE 2 DRAWER STACK ALUMINUM STORAGE

1 BULKHEAD WALL BETWEEN CAB AND CONTROL ROOM

- 1 Door

1 TV HIGH CUBE VAN EXTERIOR LIGHTING & CONTROL ROOM - EVOLUTION 3.0 TO INCLUDE:

- 2 Amber Electronic Strobe Warning Beacons
- 2 Adjustable Floodlights Rear of Vehicle Area Illumination

Control Room Interior:

- 1 Lonseal Lonplate Flooring
- 1 Kemlite Wall & Ceiling Covering
- 1 Bulkhead Wall with Passage Door from Control Room to Equipment Room

Specifications for:

Ohio STS 670

Contract No.: _____

- 1 Tinted Viewing Window in Bulkhead Wall
- 1 Tinted Viewing Window in Bulkhead Door
- 1 Above Desk Control Console with Rack Mount for Electronic Equipment
- 1 Desktop / Work Area
- 1 12V High Intensity LED Light Fixture
- 2 Electrical Outlet with Dual Receptacles
- 1 Fire Extinguisher with Bracket, 10BC Rating
- 1 Operators Chair, Swivel with Casters
- 1 12-Volt Courtesy Light

1 ROOF TOP AIR CONDITIONER, 13,500 BTU WITH HEAT STRIP

1 TV HI-CUBE VAN EQUIPMENT ROOM INTERIOR - EVOLUTION 3.0 TO INCLUDE:

- 1 Kemlite Wall & Ceiling Covering
- 1 Climate Controlled Breaker Box/Electronics Storage Area with Locking Positive Latches
- 1 Electrical Outlet with Dual Receptacles
- 1 12V High Intensity LED Light Fixture
- 1 12-Volt Courtesy Light with 15 Minute Timer Located at Rear Door Area

1 LONSEAL LONPLATE FLOORING IN EQUIPMENT ROOM

1 32" REAR FLAT SCREEN MONITOR MOUNTED IN BULKHEAD WALL

- 1 Flat Screen Monitor
- 1 Cable Assembly - Video Monitor to Monitor in Control Room
- 1 Electrical Outlet

1 7000 WATT GAS ONAN GENERATOR

- 1 120 Volt 60 HZ 7000 Watt EFI (Electronic Fuel Injection) Commercial Grade Generator
 - 1 Gasoline Powered
 - 1 Electric Start
 - 1 Air Cooled
 - 1 Generator Remote Start/Stop Cable assembly

1 GENERATOR COMPARTMENT [UNDER CHASSIS MOUNT]

- 1 Generator Storage Compartment with Lockable External Access Door
- 1 Commercial Power Supply Receptacle, 25' Cord, and Plug
- 1 Electrical Supply Center with Circuit Breaker Box
- 1 Commercial power and Generator Power Connectors
- 1 Automatic Power Transfer Switch

1 SYSTEM ENGINEERING PANEL, FOR POWER INFORMATION AND GENERATOR FUNCTIONS, RACK MOUNTED, TO INCLUDE:

- 1 Four Function AC Power Meter displaying Critical Power Information including:
 - 1 Voltage
 - 1 Hertz
 - 1 Amperage
 - 1 Active Power (Watts)
- 1 Front panel Selector Switch for two modes of operation:
 - 1 Fixed reading
 - 1 Continuous Auto-cycling
- 1 Generator Battery Meter to Display Starting and Charging Voltage
- 1 Generator Hour Meter
- 1 Generator Remote Start/Stop Control Switch
- 1 On/Off Switch for Emergency Warning beacons (Switch to Illuminate When On)

1 P&T ZOOM M/C CAMERA

- 1 Solid State Color Sewer TV Camera
- 1 Pan & Rotate Camera Head, 40:1 Zoom Ratio, 10x Optical Zoom, 4x Digital Zoom
- 1 NTSC Color Standard with 4x Light Integration

Specifications for:

Ohio STS 670

Contract No.: _____

- 1 Camera Lighting System for 6" through 72" lines
- 1 Camera Transportation and Storage Case

1 LED LIGHTHEADS FOR MAINLINE CAMERA IN LIEU OF XENON TO INCLUDE:

- 2 4 x 5W Cluster LED's for 6" through 72" lines

1 21" TRAC TRANSPORTER M/C TO INCLUDE:

- 1 6" Track Transporter with Freewheel and Powered Reverse
- 1 Y Eliminator

1 8"-15" EXTENDERS FOR 21" TRAC TRANSPORTER**1 SPARE PARTS KIT FOR TRAC TRANSPORTER TO INCLUDE:**

- 1 Additional Chain Links and Rubber Cleats

1 12/5/4 ADAPTER CABLE**1 1000' CABLE ASSEMBLY, M/C 12PIN METAL**

- 1 1000' Gold Multi Conductor Kevlar Fiber Armored Combination TV Transmission / Tow Cable
- 1 .450 Diameter
- 1 Metal Splice Chamber with Pigtail
- 1 Cable Strain Relief

1 TV REEL ASSEMBLY, MECHANICAL FOOTAGE FOR SUMMIT .450 CABLE

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

1 AUTOMATIC PAYOUT SYSTEM FOR REEL - INSTALLED**1 DVR/USB ASSEMBLY KIT WITH MICROPHONE F/TRUCK****1 19" (MINIMUM) FLATSCREEN COLOR INDUSTRIAL TV MONITOR NTSC / PAL COLOR STANDARDS****1 PCU ASSEMBLY [RACK MOUNT]****1 CCU ASSEMBLY [RACK MOUNT]**

- 1 Alpha Numeric Information Display, with Multi Paging and Defect Coding
- 1 Remote "QWERTY" Keyboard for Data Entry
- 1 On Screen Footage Display

1 WIRED & WIRELESS USB CONTROLLER

- 1 Joystick Control for Pan and Tilt Zoom Camera to Include:
 - 1 360 Degree Rotate
 - 1 330 Degree Optical Pan
- 1 Joystick Control for All Steering Functions & Forward / Reverse Directions for Transporter
- 1 Camera Lift Control for Optional Electronic Camera Lift
- 1 All Other Controls for Camera to Include:
 - 1 Camera Iris and Focus Override & Zoom
 - 1 Camera Lights & Shutter Control for Light Enhancement
 - 1 Camera Diagnostics & Auto Home

Specifications for:

Ohio STS 670

- 1 Cruise Control to Set Speed of the Transporter for Hands of Operation
- 1 All Reel Controls to Include: Retrieve, Release, and Variable Speed

- 1 **8.7" MINI KEYBOARD**
- 1 **MANHOLE TOPROLLER ASSEMBLY, TV ONLY**
- 1 **MANHOLE ADAPTER CLAW HOOK**
- 6 **RETRIEVAL/DOWNHOLE POLE ASSEMBLY**
- 1 **INVERT ROLLER ASSEMBLY**
- 1 **RETRIEVAL HOOK**
- 1 **MULTI CONDUCTOR TV ONLY TOOL KIT**
 - 1 Milliamp meter Tool
 - 1 Electrical Tape
 - 1 Needle Nose Pliers
 - 1 Six-In-One Screwdriver
 - 1 6" Adjustable Wrench
 - 1 Anti Seize Grease
 - 1 9-Piece Allen Wrench kit
 - 1 Solder Iron Kit
 - 1 Industrial Pliers
 - 1 5/32 T-Handle Hex Wrench
 - 1 Multi Conductor TV Only Operation Manual
 - 1 Parts Catalog
 - 1 Cable Repair Kit DVD
 - 1 TV Only Training DVD
- 1 **REDI EVALUATION KIT TO INCLUDE:**
 - 1 Rugged Weather Proof Storage Case
 - 1 Digital Hi-Resolution Wide Angle Web Camera
 - 1 Diagnostic Test Box To Include:
 - 1 Voltage Test Points
 - 1 Built-In Mini Camera
 - 1 Footage Test Box
 - 1 Digital Multi-Meter
 - 1 USB Diagnostic Tool
 - 1 Video Cables and Adaptors
- 2 **DAYS TRAINING, ON-SITE**

An eleven (11) percent discount will be applied to all above pricing after final configuration is determined



Specifications for:

Ohio STS 670

Contract No.: _____

**Ford E-450 DRW Cutaway Mounted Mainline TV Inspection System
Optional Equipment**

Manufacturer	Model	Description	Price
CUES	F-450-DRW	Ford F-450 DRW Gas Cab Chassis in lieu of E 450 G in base	\$6,422.00
CUES	F-450-DRW	Ford F-450 DRW Diesel Cab Chassis in lieu of E 450 G in base	\$19,977.00
CUES	F-550-DRW	Ford F-550 DRW Gas Cab Chassis in lieu of E 450 G in base	\$8,601.00
CUES	F-550-DRW	Ford F-550 DRW Diesel Cab Chassis in lieu of E 450 G in base	\$22,171.00

An eleven (11) percent discount will be applied to all above pricing after final configuration is determined



Specifications for:

Ohio STS 670

Contract No.: _____

Optional Transporters & Accessories

Manufacturer	Model	Description	Price
CUES	MC218	US21 Track Transporter Extenders for 18" to 24" Mainline Inspection	\$1,227.00
CUES	MC219	US21 Track Transporter Extenders for 8" to 15" Mainline Inspection	\$1,544.00
CUES	MC350	Spare Ultra Shorty 21 Track Transporter 6"for Mainline Inspection	\$6,540.00
CUES	TX360	USIII track Transporter 6"	\$8,950.00
CUES	TX911	USIII Track Transporter Extenders for 18" -24" Mainline Inspection	\$1,654.00
CUES	TX903	USIII Track Transporter Extenders for 7" -15" Mainline Inspection	\$2,393.00
CUES	MC219B	Track Transporter Brass Extenders for 7" to 15" Mainline Inspection	\$2,927.00
CUES	TX361	WTR Wheeled non steerable Transporter 6-15"	\$10,490.00
CUES	TX902	Track kit/ for non steerable wheeled Transporter	\$4,750.00
CUES	TX902-1	Wheel kit/ for non steerable wheeled Transporter	\$7,650.00
CUES	TX361	Wheeled Transporter. Non steerable, 6-15" pipe in Lieu of US 21 Ultra Shorty	\$5,604.00
CUES	TX360	USIII track Transporter 6-15" in lieu of US21 Ultra Shorty	\$3,372.00
CUES	WT351	Pipe Ranger Wheeled Transporter for 8" – 15" Mainline Inspection (IN ADDITION TO Ultra Shorty 21 Trac Transporter in Base Unit)	\$20,548.00
CUES	WT351	Pipe Ranger Wheeled Transporter for 8" – 15" Mainline Inspection (IN LIEU OF Ultra Shorty 21 Trac Transporter in Base Unit)	\$11,779.00
CUES	WT351	Pipe Ranger Wheeled Transporter for 8" – 15" Mainline Inspection (IN LIEU OF USIII Ultra Shorty Trac Transporter in Base Unit)	\$8,407.00

An eleven (11) percent discount will be applied to all above pricing after final configuration is determined



Specifications for:

Ohio STS 670

Contract No.: _____

Optional Transporters & Accessories

Manufacturer	Model	Description	Price
CUES	WM350	Compact Steerable Pipe Ranger Wheeled Transporter for 6" to 30" Mainline Inspection (IN ADDITION TO US21 or USIII Ultra Shorty Track Transporter in Base Unit)	\$25,832.00
CUES	WM350	Compact Steerable Pipe Ranger Wheeled For 6" to 30" Mainline Inspection (IN LIEU OF USIII Ultra Shorty Trac Transporter in Base Unit)	\$13,691.00
CUES	WM350	Compact Steerable Pipe Ranger Wheeled For 6" to 30" Mainline Inspection (IN LIEU OF US21 Ultra Shorty Trac Transporter in Base Unit)	\$17,063.00
CUES	WS360	Steerable Pipe Ranger Wheeled Transporter for For 8" to 15" Mainline Inspection (IN ADDITION TO Ultra Shorty 21 Trac Transporter in Base Unit)	\$23,788.00
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)	\$15,019.00
CUES	TM600	Steerable Large Diameter Pipe Self-Propelled Transporter for Inspection of Pipes Ranging from 24" to 200" (IN ADDITION TO Ultra Shorty 21 Trac Transporter in Base Unit)	\$39,061.00
CUES	TM600	Steerable Large Diameter Pipe Self-Propelled Transporter for Inspection of Pipes Ranging from 24" to 200" (IN LIEU OF Ultra Shorty 21 Trac Transporter in Base Unit)	\$30,292.00
CUES	TM600-1	Single Conductor Steerable Transporter for use With Single Conductor System for Inspection of Pipes Ranging from 24" to 200" (IN ADDITION TO Ultra Shorty 21 Trac Transporter in Base Unit)	\$42,498.00
CUES	TM600-1	Single Conductor Steerable Transporter for use With Single Conductor System for Inspection of Pipes Ranging from 24" to 200" (IN LIEU OF Ultra Shorty 21 Trac Transporter in Base Unit)	\$33,729.00
CUES	MZ904	Adapter Tube for OZIII Pan Tilt Zoom Camera For use in Large Transporters	\$2,727.00

An eleven (11) percent discount will be applied to all above pricing after final configuration is determined



Specifications for:
Optional Transporters & Accessories

Ohio STS 670
Contract No.: _____

Manufacturer	Model	Description	Price
CUES	WT310	Mechanical Lift for Use with Pipe Ranger	\$1,887.00
CUES	WS308	Electric Lift for use with large Pipe Ranger	\$6,008.00
CUES	WM320	Mechanical Lift for CPR	\$2,950.00
CUES	WM330	Electric Lift for use with Compact Pipe Ranger	\$6,195.00
CUES	WT313	PR & SPR Transporter Tires for 18" to 48" Mainline Inspection PRv1	\$525.00
CUES	WS904	Steel Wheel Kit for PR & SPR Wheeled Transporter 7" Pipe Application	\$2,205.00
CUES	WS905	Wheel Kit for PR & SPR Wheeled Transporter 7" Pipe Application	\$1,139.00
CUES	WS906	Steel Wheel Kit for PR & SPR Wheeled Transporter 8" PVC Application	\$1,904.00
CUES	WS908	Steel Wheel Kit for PR & SPR Wheeled Transporter 10" to 15" PVC Application	\$1,567.00
CUES	WS912	PR & SPR Chevron Tire Kit for Wheeled Transporter Large Pipe Configuration	\$1,863.00
CUES	WS910	PR & SPR Pneumatic Tires 12-15" for Wheeled Transporter	\$1,679.00
CUES	WS911	PR & SPR Pneumatic Tires 18"+ for Wheeled Transporter	\$1,495.00
CUES	WM307	Steel Wheels to inspect 6" Pipe for CPR Wheeled Transporter	\$2,375.00
CUES	WM906	Steel Wheels to inspect 8" Pipe for Wheeled Transporter	\$1,904.00
CUES	WM310	Steel Wheels to inspect 10"-15" Pipe for Wheeled Transporter	\$2,340.00
CUES	WM096	Spiked Steel Wheels to inspect 6" Pipe for Wheeled Transporter	\$2,375.00
CUES	WS112	Spiked Steel Wheels to inspect 8" Pipe for Wheeled Transporter	\$2,110.00

An eleven (11) percent discount will be applied to all above pricing after final configuration is determined



Specifications for:
Optional Transporters & Accessories

Ohio STS 670
Contract No.: _____

<u>Manufacturer</u>	<u>Model</u>	<u>Description</u>	<u>Price</u>
CUES	WM108	Spiked Steel Wheels to inspect 10"-15" Pipe for Wheeled Transporter	\$2,340.00
CUES	WM312	Pneumatic Rubber Tires to inspect 12"+ Pipe for CPR & WTR Wheeled Transporter	\$1,396.00
CUES	TX902-1	Wheel kit for track Transporter	\$7,228.00
CUES	REAR	Rear Viewing Camera for Transporter	\$5,103.00
CUES	WC399	Transporter Shipping Box	\$375.00

An eleven (11) percent discount will be applied to all above pricing after final configuration is determined



Specifications for:

TV Inspection System
Optional Equipment

Ohio STS 670

Contract No.: _____

<u>Manufacturer</u>	<u>Model</u>	<u>Description</u>	<u>Price</u>
CUES	TR1181	7 KW Gas Generator	\$10,428.00
CUES	TR253	7.5 KWQD Diesel Generator	\$18,595.00
CUES	TR725	10 KW Diesel Generator	\$23,362.00
CUES	PTO	Under Hood PTO Driven Air compressor	\$19,750.00
CUES	MEPS	On Board AC Power System Dynamic Inverter 6.3 KW	\$17,254.00
CUES	ALUM	Aluminum Diamond Plate Flooring	\$4,693.00
CUES	WC441	Oversized Cabinet for Cutter, Transporter, and Cameras	\$3,726.00
CUES	EVO	EVO Interior less equipment & generator	\$43,768.00
CUES	WC412	Wall Cabinet control or Equipment room	\$1,294.00
CUES	WC420B	Closet in Control or Equipment room	\$2,700.00
CUES	WC433	Base Cabinet Control room	\$1,195.00
CUES	WC381	Base Cabinet Equipment room	\$2,006.00
CUES	WC468	Sink and Faucet for base cabinet ER	\$575.00
CUES	WC505	Wall mounted Cabinet	\$1,294.00
CUES	TR1933-9	10 Gallon Wash down	\$1,251.00
CUES	TR1933-1	20 Gallon Wash down	\$1,873.00
CUES	008855	20 Gallon Wash down, sink upper/lower cabinet w/ retractable water hose reel light & outlet	\$4,064.00
CUES	950056	Retractable hose reel	\$559.00
CUES	WC445	Drawer stack under desk top	\$1,210.00
CUES	WCVR	Storage Cabinet under desk top	\$1,110.00
CUES	WC440	Bench Seat	\$1,276.00

An eleven (11) percent discount will be applied to all above pricing after final configuration is determined



Specifications for:

Ohio STS 670

Contract No.: _____

**TV Inspection System
Optional Equipment**

Manufacturer	Model	Description	Price
CUES	WC437	Electronic Cabinet	\$1,588.00
CUES	WC437	Electronic Cabinet with breaker box	\$3,088.00
CUES	WC419	Work top on Reel	\$650.00
CUES	SEE	Step Bumper with Equipment Storage Cabinets	\$2,875.00
CUES	TR1107	Lockable storage under chassis	\$2,500.00
CUES	TR1016	Shelf in Control or Equipment room	\$395.00
CUES	TR1940-2	Two drawer stack Aluminum Storage	\$1,302.00
CUES	TR1006	Slide out drawer for Cutter	\$2,013.00
CUES	TR776	Drawer Storage under reel	\$1,034.00
CUES	TR1009	Transporter drawer in kick plate	\$1,443.00
CUES	TR1045	Back up Camera with Monitor in Cab	\$2,013.00
CUES	WC426	Bulkhead Wall w/ storage shelves	\$3,210.00
CUES	WC427	Bulkhead Door	\$950.00
CUES	491000	Blank Panels for Retro	\$62.00 ea
CUES	OUTLET	Add Additional Outlets to Unit	\$55.00ea
CUES	LIGHT	Add Additional Lighting to Unit	\$120.00ea
CUES	TR1028	Low Profile AC Unit	\$2,108.00
CUES	TR1944	Cool Cat AC Unit	\$2,815.00
CUES	TR1059	Branch guard for AC Unit	\$1,664.00
CUES	TR251	Branch guard for Amber lights	\$122.00ea
CUES	TR3100	CUES Exclusive Boom Crane	\$7,399.00
CUES	TR3100-1	Equipment Drawer w/ Crane	\$3,995.00
CUES	TR2575	Electric Rear Awning	\$3,500.00
CUES	TR1113	Traffic Director	\$1,870.00

An eleven (11) percent discount will be applied to all above pricing after final configuration is determined



Specifications for:

Ohio STS 670

Contract No.: _____

**TV Inspection System
Optional Equipment**

<u>Manufacturer</u>	<u>Model</u>	<u>Description</u>	<u>Price</u>
CUES	TR792	Intercom	\$358.00
CUES	EC1190	CAT-5	\$100.00
CUES	TR915	Enclosed Lavatory	\$4,900.00
CUES	GX136	24" Rear Monitor	\$1,424.00
CUES	GX137	32" Rear Monitor	\$1,639.00
CUES	GX136B	Bulkhead wall upgrade for rear monitor	\$959.00
CUES	CONE	Cone Holders mounted on Bumper	\$270.00
CUES	Door	Curbside Door	\$1,093.00
CUES	TR457	Flood Lights	\$103.00 ea
CUES	TR1153	Amber lights	\$201.00
CUES	TR1310	Rack Assembly	\$850.00
CUES	TR1153	Reel Desk Shifter	\$612.00
CUES	TR010	Main Wiring Harness	\$1,021.00
CUES	TR1942	System Select	\$2,988.00
CUES	TR757	Chair	\$410.00
CUES	HD RTR	Retro hardware kit	\$832.00
CUES	TR1043	Mounts for monitors	\$598.00
CUES	TR2337	Carbon Monoxide detector	\$58.00
CUES	TR1745	Built in Microwave in cabinet	\$1,973.00
CUES	TR2221	Built in Refrigerator in cabinet	\$2,000.00
CUES	988458	Eye wash station	\$161.00
CUES	865002	First Aid Kit	\$133.00
CUES	940608	Vise	\$304.00

An eleven (11) percent discount will be applied to all above pricing after final configuration is determined



Specifications for:

Ohio STS 670

Contract No.: _____

**TV Inspection System
Optional Equipment**

<u>Manufacturer</u>	<u>Model</u>	<u>Description</u>	<u>Price</u>
CUES	TR4708	Spotlight Assembly	\$586.00
CUES	HITCH	Pental Hitch	\$603.00
CUES	TR795	Hide-away Strobe Kit	\$1,224.00
CUES	W042	Tow Hook	\$512.00
CUES	500200A	Wall Heater	\$508.00
CUES	TR1935	Ambient Lighting	\$4,975.00
CUES	TR1090	5 Drawer tool box	\$932.00
CUES	TR868	7 Drawer tool box	\$1,999.00
CUES	Summit	Permanent Truck mount Summit system with Standard Truck mounted TV Cable Reel	\$39,676.00
CUES	IGGY	Portable system Truck mount Portable Reel w/ 1000' Cable	\$33,217.00
CUES	MD906-2	Truck mount Portable K-2 Case	\$2,750.00
CUES	MD345	Easement Roller	\$3,139.00
CUES	120809	Soft mount for dolly	\$545.00
CUES	MD902-1	Add Auto Payout System to Customer TV Reel	\$6,731.00
CUES	BRAKE	Add Hydraulic Brake to Reel	\$6,567.00
CUES	LED	LED Light head for OZII and Nite Lite Camera	\$2,359.00
CUES	LASER	Laser diodes with measurements	\$7,122.00
CUES	TR1951	Stand alone Transporter Controller	\$3,329.00
CUES	MC320	Desk mount Transporter Controller	\$1,615.00
CUES	MC322	Transporter foot pedal	\$3,000.00
CUES	MZ320	Desk mount Camera Controller	\$3,329.00
CUES	OZ302-5	Stand alone Camera Controller	\$1,939.00

An eleven (11) percent discount will be applied to all above pricing after final configuration is determined



Specifications for:

Ohio STS 670

Contract No.: _____

TV Inspection System
Optional Equipment

<u>Manufacturer</u>	<u>Model</u>	<u>Description</u>	<u>Price</u>
CUES	EL115	Add Additional Video Cable to Dolly Up to 1,000' (100' Increments)	\$5.71 Per Foot
CUES	WM305	Add Additional Platinum Cable to Dolly Up to 1,200' (100' Increments)	\$6.92 Per Foot
CUES	QZ3	Zoom Pole Camera with ruggedized tablet assembly Harness Assy, Tablet Mount	\$16,677.00
CUES	Tripod	Tripod for QZ3 Pole Camera	\$1,804.00
CUES	POLR	Pole Extension to 34 FT	\$3,500.00
CUES	CZ300	Spare OZII or OZIII Camera	\$21,656.00
CUES	CZ300L	Inclinometer Upgrade to detect and display pipeline gradient Pan & Tilt Camera	\$4,491.00
CUES	MZ904-16	Built in Sonde 512MZ Transmitter	\$2,795.00
CUES	TR484	Access Door	\$373.00
CUES	TR238	Foul Weather Door	\$495.00
CUES	TR1942-5	Lateral Reinstatement System to Include: 500' Air Hose, Air Hose Reel, Kangaroo Cutter for 6" to 12" Pipe	\$98,009.00
CUES	RK356-6	Air Hose Reel	\$12,723.00
CUES	KC006	500' Air Hose	\$2,094.00
CUES	9001LP	Spare Kangaroo Cutter for 6" to 10" Pipe	\$23,362.00
CUES	KC051-1	Cutter Repair kit	\$5,662.00
CUES	KC039	12" Cutter Skid	\$1,097.00
CUES	Hose	Spare 500' Air hose for Cutter Reel	\$2,583.00
CUES	GK400	Giant Kangaroo Cutter for 12" to 24" Pipe	\$25,117.00
CUES	GK349-1	Cutter Controller	\$5,841.00
CUES	LEVEL	Level wind for Cutter Reel	\$3,115.00

An eleven (11) percent discount will be applied to all above pricing after final configuration is determined



Specifications for:

Ohio STS 670

Contract No.: _____

**TV Inspection System
Optional Equipment**

<u>Manufacturer</u>	<u>Model</u>	<u>Description</u>	<u>Price</u>
CUES	LM936-1	Lateral and Mainline Launch System, Wheeled With front Pan and Tilt Zoom Camera System To simultaneously inspect 6-15" mainline and Adjacent lateral services	\$96,638.00
CUES	LH900	Lateral and Mainline Launch System, Wheeled With front Pan and Tilt Zoom Camera System To simultaneously inspect 6-15" mainline and Adjacent Pan & Tilt lateral camera	\$125,417.00
CUES	LM712-HS	Spare 80' Push Cable for LAMP System	\$1,247.00
CUES	LM712-1HS	Spare 100' Push Cable for LAMP System	\$1,361.00
CUES	LM712-3HS	Spare 120' Push Cable for LAMP System	\$1,474.00
CUES	LM712-4HS	Spare 150' Push Cable for LAMP System	\$1,645.00
CUES	LH901	Spare Pan & Tilt Lateral Camera	\$21,168.00
CUES	LM932	Straight Chute Kit	\$2,272.00
CUES	LM906	Rear View Camera for Lamp system	\$3,780.00
CUES	SR300-13	Spare Mini Camera	\$5,758.00
CUES	LM931	Pneumatic tires with angled chute	\$3,383.00
CUES	LM935	14" Pneumatic tires	\$1,357.00
CUES	PRE	Pre Wire for Lamp	\$6,264.00
CUES	LM354	Retro fit Lamp II ALT to P & T lateral camera	\$36,505.00
CUES	LM380	Retro fit Lamp II steel to P & T lateral camera	\$51,781.00
CUES	CW900	Large Schwalm cutter	\$170,000.00
CUES	CW900sm	Small Schwalm cutter	\$135,000.00
CUES	CW306	Schwalm Reel Only	\$11,794.00
CUES	TR2432	Schwalm 500' Hose Only	\$5,610.00
CUES	KRB	Currahee Cutter components	\$130,000.00

An eleven (11) percent discount will be applied to all above pricing after final configuration is determined



Specifications for:

Ohio STS 670

Contract No.: _____

**TV Inspection System
Optional Equipment**

<u>Manufacturer</u>	<u>Model</u>	<u>Description</u>	<u>Price</u>
CUES	SF930	CATVS Sonar TV System	\$75,000.00
CUES	SF934	CATVS Xport Kit	\$6,428.00
CUES	MZ352	6" Skid for OZIII	\$2,197.00
CUES	CP303	6" Skid for OZII	\$1,875.00
CUES	610460-1	8-15" Skid	\$1,308.00
CUES	610458	8-30" Skid	\$1,762.00
CUES	6100021	36-60" Skid extenders	\$964.00
CUES	SF310	Collapsible Sonar Float	\$13,382.00
CUES	SF300	Sonar only Float	\$7,990.00
CUES	SF328-2	Sonar Head	\$33,777.00
CUES	506901	Float Assembly	\$4,644.00
CUES	0703002	1,000' Float Line Reel	\$567.00
CUES	MH300	Spider Scanner System	\$142,500.00
CUES	EC6249	Spider Smart Charger	\$3,167.00
CUES	MH042	5' Carbon Fiber Pole	\$1,793.00
CUES	TZ302	IMX Camera Assembly	\$55,500.00
CUES	PL500	Manhole Cover Lifter Plus	\$8,053.00
CUES	SA200	Swing Arm for Lifter	\$1,312.00
CUES	P23	Riser for Lifter Plus	\$99.00
CUES	GA10	Lifter Plus Gate	\$562.00
CUES	LOW	Sealing System Logiball ready w/ easy: grout computer and monitor. Penta hose reel w/ 500' penta hose heated chemical tanks 100 Gallon heated water System,	\$147,700.00

An eleven (11) percent discount will be applied to all above pricing after final configuration is determined



Specifications for:

Ohio STS 670

Contract No.: _____

TV Inspection System
Optional Equipment

<u>Manufacturer</u>	<u>Model</u>	<u>Description</u>	<u>Price</u>
CUES	LOW-EASY	Remove Easy Grout system	(-\$36,336.00)
CUES	CAT	Upgrade to the Cat Pumps for Grout system	\$21,388.00
CUES	HW2326	650' Penta hose	\$13,189.00
CUES	SS360-80	800' Penta hose	\$20,795.00
CUES	600658	8" LV Packer	\$3,888.00
CUES	600651	10" LV Packer	\$3,996.00
CUES	600652	12" LV Packer	\$4,104.00
CUES	600653	15" LV Packer	\$4,536.00
CUES	600314	18" Collapsible LV Packer	\$7,452.00
CUES	600016	20" Collapsible LV Packer	\$8,208.00
CUES	600017	21" Collapsible LV Packer	\$8,424.00
CUES	600018	24" Collapsible LV Packer	\$8,532.00
CUES	600020	30" Collapsible LV Packer	\$9,396.00
CUES	600021	36" Collapsible LV Packer	\$10,692.00
CUES	600022	42" Collapsible LV Packer	\$12,312.00
CUES	600061	6" Multi Packer	\$2,376.00
CUES	600081	8" Multi Packer	\$1,771.00
CUES	600101	10" Multi Packer	\$1,998.00
CUES	600121	12" Multi Packer	\$2,484.00
CUES	600151	15" Multi Packer	\$3,187.00
CUES	4001210	Manhole Sealing Gun	\$2,370.00
CUES	RL372	1000' Power Cord Reel mounted under Truck with enclosure	\$9,756.00

An eleven (11) percent discount will be applied to all above pricing after final configuration is determined



Specifications for:

TV Inspection System
Optional Equipment

Ohio STS 670

Contract No.: _____

<u>Manufacturer</u>	<u>Model</u>	<u>Description</u>	<u>Price</u>
CUES	DUC	DUC CUES High Definition camera system with HD Digital Side Scanning Camera, upgrade to TV reel, & GNET Digital Processing DUC Software module for existing Computer system	\$95,000.00
CUES	DUC -R	Remove DUC CUES High Definition camera DUC Ready only	<-\$65,000.00>
CUES	RL001	Retro TV Cable Reel	\$2,115.00
CUES	MD924-2	Retro TV Cable Reel for Summit	\$2,841.00
CUES	DOHOL	Down hole Equipment	\$2,470.00
CUES	W002922	Multi Tool Kit	\$689.00
CUES	FACQC	Test and Evaluate Customer Truck before And After Retro	\$2,875.00
CUES	FACS015	Additional Training (Per Day)	\$835.00
CUES	TRU	TruVue System	\$5,414.00
CUES	TB334	REDI Evaluation Kit	\$2,350.00
CUES	LABOR	Labor for Retro	\$904.00 per Day
CUES	FACS015	Additional Training (Per Day)	\$835.00
CUES	2021	2021 Model Year Update for Equipment & Chassis	\$12,000.00
CUES	2022	2022 Model Year Update for Equipment & Chassis	\$18,000.00
CUES	2023	2023 Model Year Update for Equipment & Chassis	\$24,000.00

An eleven (11) percent discount will be applied to all above pricing after final configuration is determined



Specifications for:

Ohio STS 670

Contract No.: _____

**Data System
And Optional Modules**

Manufacturer	Model	Description	Price
CUES	GN1350	Rack Mount Computer, Monitor, Printer Keyboard and Mouse for Granite	\$4,900.00
CUES	GN1351	Laptop Computer, Monitor, Printer Keyboard and Mouse for Granite	\$3,800.00
CUES	GN1500	Pipeline Data Collection & Real Time Video Capture System. Monitor, Keyboard, Mouse and Printer	\$21,351.00
CUES	GN1400	Basic Pipeline Data Collection & Real Rack mount computer w/ printer	\$15,303.00
CUES	GN904	GNET Office	\$1,350.00
CUES	GN901	Premium Software Only	\$17,172.00
CUES	GN902	Basic Inspection Software Only	\$10,692.00
CUES	GN903	Basic Inspection Software No Video Only	\$5,400.00
CUES	GN903	Basic Inspection Software No Video Only	\$5,400.00
CUES	GN905	Viewer	\$59.00
CUES	GN909	GNET Basic for Tablet	\$4,909.00
CUES	GN910	GNET Basic Mainline Tablet	\$5,821.00
CUES	GN911	GNET Supervisor Tablet	\$4,099.00
CUES	GN504	Core Advanced Feature	\$5,508.00
CUES	GN505	Core Basic Feature	\$1,301.00
CUES	GN506	CUES Pipescore NASSCO Module	\$1,075.00
CUES	GN507	PACP Export Module (NASSCO certified)	\$2,720.00
CUES	GN508	MACP Module	\$3,275.00
CUES	GN509	LACP Module	\$3,275.00
CUES	GN510	Mainline INSP Module	\$4,099.00

An eleven (11) percent discount will be applied to all above pricing after final configuration is determined



Specifications for:

**Data System
And Optional Modules**

Ohio STS 670

Contract No.: _____

Manufacturer	Model	Description	Price
CUES	GN511	Node INSP Module	\$3,275.00
CUES	GN512	Lateral Assets Module to capture Inspection data, observation details, video, and Pictures, which are all linked to the lateral structure	\$3,275.00
CUES	GN513	Distance ACQUI Module	\$535.00
CUES	GN514	Video Indexing Module	\$49.00
CUES	GN515	Video Recording Module	\$2,673.00
CUES	GN516	Image Capture Module	\$421.00
CUES	GN517	Titling Module	\$535.00
CUES	GN518	GNET Media Linking Module	\$1,075.00
CUES	GN518-0	GNET Media Linking Module for Office	\$1,076.00
CUES	GN519	GPS Module	\$3,275.00
CUES	GN520	GNET User Management Module	\$2,155.00
CUES	GN521	GNET ESRI Interface module	\$7,555.00
CUES	GN523	GNET ESRI Import Module	\$2,166.00
CUES	GN576	ESRI Data GIS System Implementation	\$4,995.00
CUES	GN522	Automatic Scheduler Module	\$1615.00
CUES	GN524	Formula Fields Module	\$3,710.00
CUES	GN524-0	Formula Fields Office Module	\$3,710.00
CUES	GN525	Scoring Module Inspection Edition	\$3,313.00
CUES	GN549	Inclinometer Module to accurately capture and graph the slope of the pipe and evaluate pipe conditions	\$2,268.00
CUES	GN550	Consult GXP to GNET	\$1,776.00
CUES	GN560	HC264 Module	\$420.00

An eleven (11) percent discount will be applied to all above pricing after final configuration is determined



Specifications for:

**Data System
And Optional Modules**

Ohio STS 670

Contract No.: _____

Manufacturer	Model	Description	Price
CUES	GN552	GNET City Works Module	\$5,400.00
CUES	GN577	GNET City Works Implementation	\$4,995.00
CUES	GN526	Software Data Transfer	\$211.00
CUES	GN527	Report Designer Module	\$1,075.00
CUES	GN527-0	Report Designer Office Module	\$1,075.00
CUES	GN530	Enterprise DB Module	\$2,214.00
CUES	GN531	DUC Video REC Module	\$7,177.00
CUES	GN532	DUC Flat Gen Module	\$1,339.00
CUES	GN533	DUC Review Module	\$448.00
CUES	GN534	Future Scan REC Module	\$10,800.00
CUES	GN536	Premium & Enhanced Support Plan	\$1,998.00
CUES	GN537	Basic & Lite Support Plan	\$1,277.00
CUES	GN538	GNET Office Support Plan	\$389.00
CUES	GN540	GNET Basic Support Re-Enroll	\$1,943.00
CUES	GN542	GNET Office Full Point Upgrade	\$1,388.00
CUES	GN545	GNET Premium Full Point Upgrade	\$4,662.00
CUES	GN546	GNET Premium Re-Enroll	\$2,775.00
CUES	GN551	Maximo Interface Module	\$8,532.00
CUES	GN567	Portal Support Plan	\$2,775.00
CUES	GN568	Viewer Portal License	\$7,560.00
CUES	GN576	DATA Implementation	\$4,995.00
CUES	GN579	WEB Portal Implementation	\$4,995.00
CUES	GN580	Data IPS (Hansen) Implementation	\$4,995.00

An eleven (11) percent discount will be applied to all above pricing after final configuration is determined



Specifications for:

**Data System
And Optional Modules**

Ohio STS 670

Contract No.: _____

Manufacturer	Model	Description	Price
CUES	GN581	Data Maximo Implementation	\$4,995.00
CUES	GN582	Software IPS (Hansen) Module	\$8,532.00
CUES	GN585	Viewer Port Software	\$1,750.00
CUES	GN586	Gas Module	\$3,275.00
CUES	GN588	Sonar Module	\$13,500.00
CUES	GN592	Basic to Premium Upgrade	\$5,600.00
CUES	GN596	Grout Software Module	\$13,500.00
CUES	GN597	Websync Support	\$600.00
CUES	GN598	Websync Portal Implementation	\$2,500.00
CUES	GN599	Websync Instance	\$995.00
CUES	GN600	Websync Module	\$995.00
CUES	GN601	Web Inspection Portal	\$18,000.00
CUES	GN604	WRC Module	\$2,450.00
CUES	GN605	Streaming Video	\$2,100.00
CUES	GN606	Grout Software Module	\$13,500.00
CUES	GN909	GNET Basic for Tablet	\$4,545.00
CUES	GN917	Websync Portal kit	\$5,990.00
CUES	GN918	Web viewer Portal	\$8,995.00
CUES	GN920	GNET Inspection Node Basic QZ3	\$8,730.00
CUES	TR1957	Blank Panel & hardware for retro	\$103.00
CUES	TS800	Titler	\$5,615.00
CUES	TS801	Double data Titler	\$7,267.00
CUES	TR1937	Uninterrupted Power supply	\$538.00

An eleven (11) percent discount will be applied to all above pricing after final configuration is determined



Specifications for:

**Data System
And Optional Modules**

Ohio STS 670

Contract No.: _____

Manufacturer	Model	Description	Price
CUES	GXTRAIN	Advanced Granite XP Training (per day)	\$1,620.00
CUES	GP301	Wireless GPS Mapping Stick	\$8,839.00
CUES	GP301-1	Wireless GPS Mapping Stick no receiver	\$5,700.00
CUES	GX524	GXP GPS Software for Mapping Stick	\$3,275.00
CUES	GP312	GPS Mapping stick back pack	\$8,352.00
CUES	TR775	Adapter cable for IPEK	\$137.00
CUES	IPEK	Buffer Kit and Footage Adapter cable for IPEK	\$1,382.00
CUES	TR1159	Adapter cable for Flexidata	\$131.00
CUES	FLEX	Buffer Kit and Footage Adapter cable for Flexidata	\$1,376.00
CUES	TR1217	Adapter cable for WinCan	\$145.00
CUES	WIN	Buffer Kit and Footage Adapter cable for Wincan	\$1,390.00
CUES	TR2394	Adapter cable for XBOB for WinCan Footage	\$131.00
CUES	TR1331	Adapter cable for Pipe Tech	\$132.00
CUES	PIPE	Buffer Kit and Footage Adapter cable for PipeTech	\$1,377.00
CUES	MS301	Video Preamp w/ Micro	\$543.00
CUES	EC2462	XBOB Titler	\$847.00
CUES	XBOB	XBOB titler for GNET Prodata	\$1,512.00
CUES	XBOB-D	XBOB Titler for GNET Doubledata	\$2,480.00
CUES	HD324	Phidget Quad to USB	\$1,061.00
CUES	GX168	Hauppauge Video Capture Device	\$130.00
CUES	TR2233	19" Flat Screen Monitor	\$541.00
CUES	GX063	22" Flat Screen Monitor	\$852.00
CUES	GX136	24" Flat Screen Monitor	\$887.00

An eleven (11) percent discount will be applied to all above pricing after final configuration is determined



Specifications for:

**Data System
And Optional Modules**

Ohio STS 670

Contract No.: _____

Manufacturer	Model	Description	Price
CUES	TR1255	32" Flat Screen Monitor	\$1,080.00
CUES	TR2645	Small Lamp Monitor	\$304.00
CUES	TR3314	Large Lamp Monitor	\$450.00
CUES	TR1218	Panel Mount for Monitor	\$140.00
CUES	TR1040	Monitor mount w/ Adjustable Arm	\$598.00
CUES	TR1239	Wall Mount w/ Tilt	\$158.00
CUES	NP076	Swivel Mount for Monitor	\$265.00

An eleven (11) percent discount will be applied to all above pricing after final configuration is determined