

**STATE OF MINNESOTA
PRICING PAGE
(Typed Responses Required)**

Price quote for:

Crawler Inspection Camera System

Vendor Name: **CUES Inc.**
 Contact Person: **Robin Guthrie**
 Street Address: **3600 Rio Vista Avenue**
 P.O. Box:
 City, State, Zip: **Orlando, FL 32805**
 Phone #: **(407) 849-0190**
 Toll Free #: **(800) 327-7791**
 Fax #: **(407) 425-1569**
 Email Address: Robing@cuesinc.com

Spec #	Information Requested	Answer
1.0	Make & Model	CUES - Mark 3 Portable TV System
	<u>Crawler:</u>	
	Number of drive wheels/tracks	base unit includes wheeled transporter with 6 wheels - track unit offered as option
	Number of drive motor(s)	1
	Drive mechanism (chain, belt, gear, etc.)	gear
	Does drive mechanism have a clutch	yes
	Internal pressure rating	N/A - cavity is enclosed - not pressurized - no electronics in cavity
	Pressurization method	N/A
	Does crawler maintain pressure if camera is removed	N/A
	Over/under pressure indicator light	N/A
	Can repressurization be accomplished in the field	N/A
	Quantity, type & size of tracks/wheels included with base package	3 sets of wheels for pipe sizes 6"-15"
	Overlapping wheel design to prevent high centering	N/A - Wheels are in line
	Wheel/Track change tool requirement	standard tools
	Wheel/Track change time requirement	3 minutes
	Minimum pipe diameter	6"
	Dimension-crawler only (LxHxW)	14.56" L x 4.15" H x 5.026" W

STATE OF MINNESOTA PRICING PAGE (Typed Responses Required)

Spec #	Information Requested	Answer
	Overall length with camera attached	23.75"
	Weight of crawler	36 lbs.
	Overall weight crawler with camera attached	46 lbs.
	Material the crawler constructed from	brass and stainless steel
	Cable connector type to crawler	12 pin
	Tools required to connect/disconnect crawler from cable	none
	Number of controls required to operate crawler	one
	Direction crawler can operate (example: forward/neutral/reverse)	forward/neutral/reverse
	Is crawler steerable	yes
	Does crawler have rear vision camera capability	yes - offered as an option
	Inclinometer standard	offered as an option
	Power requirement (watts/amps/voltage)	110 Volt AC
	Is a Sonde device available	yes - offered as an option
	<u>Camera:</u>	
	Pan & tilt	yes
	Pan and tilt control type	wired controller - wireless controller offered as an option
	Home position control type	home feature on controller
	Pixels & lines of resolution	379,392 pixels and 470 lines of resolution
	Zoom (magnification optical & digital)	10 x 4 Zoom
	Lux rating	3 lux @ F/1.4
	Construction material	100% solid state circuitry
	Lens type	optical grade sapphire
	Lens field of view (VxHxD)	56 diagonal x 46 horizontal x 4.6 tele end
	Black & white or color	color
	Lighting type	built in white LED lighting
	Type of lighting control	controller
	Field replaceable lights	yes
	Focus (auto & manual)	yes- auto with manual override

STATE OF MINNESOTA PRICING PAGE (Typed Responses Required)

Spec #	Information Requested	Answer
	Connection type	sealed bulkhead connector
	Dimensions (LxHxW)	17.7 x 4.5 x 3
	Camera weight	11 lbs.
	Pressurization method	nitrogen
	Internal pressure rating	150 psi
	Over/under pressure indicator light	N/A
	Does camera maintain pressure when removed from crawler	yes
	Will camera connect to cable w/o crawler and be fully functional	yes
	Maximum viewing angle for pan	360 degree rotation
	Maximum viewing angle for tilt	330 degree pan angle
	Camera controller have "home" position function type	yes
	Does camera have the ability to view 360 degrees	yes
	Field replaceable windshield on camera	no
	<u>Cable:</u>	
	Cable length	1000'
	Cable diameter	.370"
	Break strength	1000 lbs.
	Single or multi-conductor	Multi conductor
	Repairable	yes
	<u>Cable Reel:</u>	
	Motorized (yes/no)	yes
	Drive type	electric motor
	Automatic pay-out, or pulled by crawler	automatic payout
	Automatically payed-in	yes
	Cable reel level wind system	yes
	Drum emergency stop switch	yes
	Resettable counter	yes
	Counter-mechanical or electronic	electronic
	Forward/reverse engagement control type (manual or electronic)	electronic
	Speed control type	knob

**STATE OF MINNESOTA
PRICING PAGE
(Typed Responses Required)**

Spec #	Information Requested	Answer
	Type of torque control	clutch
	Overheat sensor	N/A
	Cable reel capacity	1000'
	Portable	yes
	Dimensions (LxHxW)	14" w x 20" h x 26 1/4" d
	Power requirements	110 volt
	<u>Central Control Unit:</u>	
	Power requirements	110 V AC or 220 VAC 50 HZ or 60 Hz
	Circuit protection type	over voltage & over current
	Video in/out	yes
	Type of text generator	built in alpha numerical video character generator
	Keyboard	yes
	Desktop camera control	yes
	Number of video text generators on-screen	55 pre-programmed defect codes and 70 user programmable defect information codes
	Video display of footage, time and date	yes
	Warranty	12 months on parts and labor
	BASE UNIT PRICE:	\$77,850.00

AUGUST 2013

VENDOR NAME	CUES Inc.
MAKE AND MODEL	CUES- Mark 3 Portable TV System

Spec #	Description	Qty	Price	Subtotal
1.0	Price for base unit:		\$77,850.00	
1.1	Crawler Options Use this section to offer crawler options. Number items starting with 1.11, 1.12, etc. Use as many numbers as you need.			
1.11	Standard Track Transporter in lieu of Compact Non Steerable Wheeled Transporter 6" - 15" offered in base system		(\$1,000.00)	
1.12	Standard Track Transporter in addition to Compact Steerable Wheeled Transporter 6" - 15" offered in base system		\$7,245.00	
1.13	USIII Wheeled Transporter 8" - 15" in addition of Compact Steerable Wheeled Transporter offered in base system		\$8,900.00	
1.14	WTR Wheeled Transporter 8" - 15" in addition of Compact Steerable Wheeled Transporter offered in base system		\$13,495.00	
1.15	Add on tracks in addition to wheels on WTR Compact Non Steerable Wheeled Transporter		\$5,145.00	
1.16	WTR Wheeled Transporter 8" - 15" in lieu of Compact Steerable Wheeled Transporter offered in base system		(\$4,200.00)	
1.17	Pipe Ranger Non Steerable Wheeled Transporter 8" - 15" in lieu of Compact Steerable Wheeled Transporter offered in base system		(\$3,000.00)	
1.18	Pipe Ranger Non Steerable Wheeled Transporter 8" - 15" in addition to Compact Steerable Wheeled Transporter offered in base system		\$17,745.00	
1.19	Pipe Ranger Steerable Wheeled Transporter 8" - 15" in lieu of Compact Steerable Wheeled Transporter offered in base system		\$4,000.00	
1.20	Pipe Ranger Steerable Wheeled Transporter 8" - 15" in addition to Compact Steerable Wheeled Transporter offered in base system		\$21,500.00	
1.21	Weighted Extenders for WTR Compact Non Steerable Transporter and tracked Transporters for 18" - 24"		\$835.00	
1.22	Mechanical Lift for Wheeled Transporters		\$2,575.00	
1.23	Electronic Lift for Wheeled Transporters		\$6,900.00	
1.24	rear viewing camera for transporter		\$3,500.00	
1.20	Wheel Options Use this section to offer wheel options. Number items starting with 1.21, 1.22, etc. Use as many numbers as you need.			
1.21	Compact Non Steerable/Steerable Wheeled transporter 8" Steel Wheels 10/12 Grit		\$1,850.00	
1.22	Compact Non Steerable/Steerable Wheeled transporter 10-15" Steel Wheels 10/12 Grit		\$1,799.00	
1.23	Compact Non Steerable/Steerable 6" Steel Wheels 10/12 Grit		\$1,850.00	
1.24	Non Steerable & Steerable Wheeled transporter 8" steel wheels 10/12 Grit		\$1,850.00	
1.25	Non Steerable & Steerable Wheeled transporter 10" - 15" " steel wheels		\$1,799.00	
1.26	Non Steerable & Steerable Wheeled transporter Knobby tires 18" to 60"		\$990.00	
1.27	Pipe Ranger & Steerable Pipe Ranger pneumatic tires 12" to 15"		\$1,680.00	
1.28	Compact Non Steerable & Steerable transporter pneumatic tires 12" to 15"		\$1,345.00	
1.30	Camera Options Use this section to offer camera options. Number items starting with 1.31, 1.32, etc. Use as many numbers as you need.			
1.31	OZII Camera in addition to OZIII camera offered in base system		\$18,400.00	
1.32	OZII Camera in lieu of OZIII camera offered in base system		(\$1,000.00)	
1.33	Spare OZIII Camera in addition to OZIII camera offered in base system		\$19,400.00	
1.34	Adapter Tube for OZIII camera when used with US21, PR or SPR		\$2,380.00	
1.35	built in sonde for cameras		\$1,650.00	
1.36				
1.37	laser diode precision measurement system with micrometer for cracks and offsets built in inclinometer for cameras - software priced separately		\$7,400.00	\$3,825.00
1.40	Lighting Options Use this section to offer lighting options. Number items starting with 1.41, 1.42, etc. Use as many numbers as you need.			
1.41	Xenon lighting in camera in lieu of LED Lighting in base system		No Charge	
1.42				

Spec #	Description	Qty	Price	Subtotal
1.50	Control Consoles Use this section to offer control console options. Number items starting with 1.51, 1.52, etc. Use as many numbers as you need.			
1.51	19" LED flat screen monitor for desktop		\$595.00	
1.52	GraniteNet Premium License in lieu of GraniteNet Base Assessment software in base system		\$5,500.00	
1.53	GraniteNet Inclinator Software Module		\$2,100.00	
1.54	GraniteNet PACP Module		\$2,450.00	
1.55	ESRI Implementation - Web EX		\$4,500.00	
1.56	GraniteNet Manhole Assets Software Module		\$2,450.00	
1.57	GraniteNet Office module		\$1,250.00	
1.58	GraniteNet GPS Software Module		\$2,450.00	
1.59	GraniteNet ESRI Truck Module		\$6,995.00	
1.60	GraniteNet ESRI Import Module		\$2,995.00	
1.61	Granite XP/GraniteNet Laptop computer only - no software		\$3,200.00	
1.62	GN550 GXP to GranitNet Data Conversion		\$1,600.00	
1.60	Cable and Cable Drum Options Use this section to offer cable and cable drum options. Number items starting with 1.61, 1.62, etc. Use as many numbers as you need.			
1.61	Pair of carry handles for Mark 3 PCU		\$255.00	
1.62	Bolt down truck mount to include removable drip pan and easement arm		\$3,100.00	
1.63	Four Wheeled Dolly with tall handle and kickbar for portable operation		\$4,500.00	
1.70	Other Crawler Options Use this section to offer crawler options. Number items starting with 1.71, 1.72, etc. Use as many numbers as you need.			
1.71	Substitute TV truck downhole equipment for portable system downhole equipment offered in base system		\$890.00	
1.72	Substitute a Gator Tail manhole cable guide in lieu of Tiger tail model offered in base system		\$701.50	
1.73	Mapping Stick with GPS Software Module		\$11,900.00	
1.74	Laser System to include software/hardware and 3 days training for 6" - 24" pipe		\$29,800.00	
1.75	Laser Profiled Add on for 24"-48" Pipe		\$31,500.00	
1.76	HD Digital Universal Side Scanning Camera System with Digital Processing Software, Reel Upgrade and Strobe Light System		\$89,250.00	
1.80	PERFORMANCE OPTIONS Use this section to offer performance & extended warranty options. Number items starting with 1.81, 1.82, etc. Use as many numbers as you need.			
1.81	Additional day of training or installation labor		703.00 per day	
1.82	Ford Transit Connect Custom Interior		\$18,950.00	
1.90	EXTENDED WARRANTY OPTIONS Use this section to offer performance/warranty options, number these items starting with 9.1, 9.2, 9.3, etc. (Specify years, miles or hours extended term covers.)			
1.91	GNET Premium One Year Enhanced Support Plan		Price: \$1,800.00	
1.92	GNET Basic One Year Support Plan		Price: \$900.00	
1.93	GNET Office One Year Support Plan		Price: \$350.00	
1.94	Additional 12 month warranty for a total of 24 months on parts and labor for items manufactured by CUES		Price: \$2,000.00	
1.20	VENDOR OWNED RENTAL RETURN OR DEMO EQUIPMENT PROGRAM See Solicitation Special Terms and Conditions. DEDUCT cost per Used Hour from the original Contract Price			N/A
2.0	DISCOUNT OFF LIST PRICE FOR RELATED PARTS AND ACCESSORIES (See Special Terms and Conditions) Price List Date and Number			N/A N/A N/A
2.1	NEW EQUIPMENT RENTAL PROGRAM If rental programs are available on the new equipment offered, with the option to purchase, list the hourly/weekly/monthly rental rate. Indicate the percent of rental fee paid by the purchaser that will be applied to the purchase price. See Solicitation Special Terms & Conditions.			

Spec #	Description	Qty	Price	Subtotal
	Hourly Rental Rate:		N/A	
	Weekly Rental Rate:		N/A	
	Monthly Rental Rate:		N/A	
	Percent (%) of Rental Fee applied to purchase price:		N/A	
2.2	Delivery Starting Point (city, state, zip code)		Orlando, FL 32805	
2.3	Price per loaded mile		\$0.75	