



CONTRACT PRICING WORKSHEET
For Standard Equipment Purchases

Contract
No.:

SCO1-15

Date
Prepared:

5/2/2017

This Worksheet is prepared by Contractor and given to End User. If a PO is issued, both documents MUST be faxed to H-GAC @ 713-993-4548. Therefore please type or print legibly.

Buying Agency:	Orlando, FL	Contractor:	Elxsi dba CUES
Contact Person:		Prepared By:	Jamie Arnold
Phone:		Phone:	800-327-7791
Fax:		Fax:	
Email:		Email:	

Product Code:	G017	Description:	High Cube Van TV Inspection System
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A. Product Item Base Unit Price Per Contractor's H-GAC Contract: \$130,150.00

B. Published Options - Itemize below - Attach additional sheet if necessary - Include Option Code in description if applicable

(Note: Published Options are options which were submitted and priced in Contractor's bid.)

Description	Cost	Description	Cost
CC4 Diesel upgrade	\$31,400.00	350450 substitute High Los	\$6,400.00
MD380-1Summit System	\$5,900.00	W3W Lateral sealing	\$14,634.00
MD604 Wired controller	\$180.00	GNET PREM	\$20,153.00
MD603 Wireless controller	\$450.00	GN507 PACP module	\$2,450.00
CZ300 OZII in lieu of Nite Lite	\$2,900.00	GN512 Lateral module	\$2,950.00
WS350 SPR	\$20,775.00	GNET ES ESRI	14500
WT310 Manual lift	\$1,887.00	GX508 Grout module	\$2,950.00
EVOINT Intercom	\$310.00	LAMP LM936 Lamp w/ P & T Upgrade	\$114,530.00
W2W Grout System	\$76,605.00	FACS015 Training	3918
WW easy Upgrade to Easy grout	30081	Subtotal From Additional Sheet(s):	
551010 Pedestal Crane	4215	Subtotal B:	357188

C. Unpublished Options - Itemize below - Attach additional sheet if necessary

(Note: Unpublished options are items which were not submitted and priced in Contractor's bid.)

Description	Cost	Description	Cost
Upgrade F 750 and 20' Box	\$15,000.00	DOT approved decals and striping	\$2,725.00
Tinted Window and Side door	\$2,012.00	SEE bumper w/ Transporter drawer	3615
Two Traffic directors	\$2,683.00	Enclosed lavatory	5015
Hide away strobes	1133	Kick plate drawers	1274
LED warning lights and Ambient lighting	8815	Subtotal From Additional Sheet(s):	
Stainless Storages under chassis	3150	Subtotal C:	45422

Check: Total cost of Unpublished Options (C) cannot exceed 25% of the total of the Base Unit Price plus Published Options (A+B).

For this transaction the percentage is:

9%

D. Total Cost before any other applicable Charges, Trade-Ins, Allowances, Discounts, Etc. (A+B+C)

Quantity Ordered:	1	X Subtotal of A + B + C:	532760	=	Subtotal D:	532760
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E. Trade-Ins / Special Discounts / Other Allowances / Freight / Installation / Miscellaneous Charges

Description	Cost	Description	Cost
		Subtotal E:	0

Delivery Date: 90-120 days

F. Total Purchase Price (D+E):

532760



TV INSPECTION VEHICLE QUOTE

ORLANDO CITY OF (FL)

Gavin Lopeman
Orlando, FL 32811
gavin.lopeman@cityoforlando.net

Thank you for your time and the opportunity to provide you pricing on CUES Equipment. CUES has been in business since 1964, providing the highest quality hardware and software for all of your pipeline inspection needs. A question everyone should ask of any potential vendor is what makes us different than all the others? In this case, *Why CUES?*

- ✓ Cues, Inc. is the leading manufacturer of CCTV video equipment in the world and has been in business for over 50 years.
- ✓ 100% American Made. All of our Engineering, Sales, Services, and Support are completed in-house, in the USA.
- ✓ The Cues Factory, Customer Support Center, and Stock Room are all centrally located in Orlando, FL.
- ✓ We carry over \$25 million in Parts and Loaner Inventory with over 98% of them shipping the same day.
- ✓ Loaner Equipment is Available for the Lifetime that you own Cues Products...meaning limited downtime.
- ✓ The only manufacturer who has its own Software Support Staff and solely manufactures the Granite Software Platforms.
- ✓ No 3rd Parties. No Dealers. We provide direct factory sales, service, and support for the lifetime of the product.
- ✓ Continued Equipment Support for years after purchase with over 175,000 Engineering Drawings on file.

Finally, please review the entire document for full product descriptions and to ensure accuracy of the quote. CUES offers its products on several competitively bid contracts including the NJPA and HGAC, should you wish to procure through one these contracts we would be more than happy to provide a contract quote.

DELIVERY TERMS	PAYMENT TERMS	EXPIRATION DATE
120 - 180 DAYS AFTER RECEIPT OF ORDER	NET 30	45 DAYS FROM 5/8/2017
VEHICLE DESCRIPTION	PRICE	
FORD F750 DIESEL – CUES TV/GROUT/LAMP2 SYSTEM TRUCK BUILD - Please Review the Full Equipment List on the following pages	\$606,743.00	
SOLE SOURCE DISCOUNT		-\$73,983.00
GRAND TOTAL		\$532,760.00¹

Sincerely,

Chris Parker
Regional Sales Manager – Florida
Cell: 407.446.7445 | Office: 800.327.7791 x330
cparker@cuesinc.com

¹ This is a quotation on the components listed. Any photos or brochures are for illustration purposes only. Payment Terms of 30 DAYS NET are based on a completed credit application and approval from CUES Accounting Department. The Delivery Terms stated are based on the current production schedule as of the quote date. An updated delivery term is available upon request. Pricing does not include any applicable taxes unless otherwise stated.

Specifications For: Orlando, FL

Orlando, FL-F750 Diesel TV Seal (No Logiball) LAMP P&T 3-20-17

1 2017 FORD F-750 DIESEL CHASSIS

* Note: Walk-thru not available for this chassis

1 20' CARGO BOX FOR CAB/CHASSIS WITH ALUMINUM SUB-FLOOR

- 1 .040 Aluminum Pre-Painted White Side Sheets
- 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 .032 Aluminum One Piece Roof Sheet Eliminates Water Entry Concerns
- 1 Back Up Alarm

1 TINTED WINDOWS

2 LED TRAFFIC DIRECTOR WITH 30FT CABLE

1 HIDE-A-WAY STROBE KIT WITH POWER SUPPLY

1 LED WARNING LIGHTS (12 TOTAL: 4 ON EACH SIDE, 4 ON REAR OF VEHICLE)

1 LED AMBIENT LIGHTING PACKAGE

1 LED FLOOD LIGHTS UNDER REAR BUMPER

1 DOT APPROVED STRIPING W/CHEVRON PATTERN ON REAR DOOR

1 DOT DECALS ON SIDES OF CHASSIS/BOX

1 SAFE ENTRY/EXIT BUMPER

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

1 TRANSPORTER/CAMERA LOCKABLE STORAGE COMPARTMENT WITH NOTCH IN REAR DOOR THRESHOLD OF BODY FOR TV CABLE TO PASS THROUGH TO TRANSPORTER STORAGE DRAWER

- 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 ALUMINUM STORAGE

3 STAINLESS STEEL LOCKABLE METAL STORAGE CABINET MOUNTED UNDER CHASSIS

1 REAR AWNING FOR PROTECTION FROM SUN AND RAIN

1 FLOOR MOUNTED PEDESTAL CRANE

- 1 NO WOOD FLOORING IN EQUIPMENT ROOM**
- 1 BUCKET SEAT W/SWIVEL ADJUSTABLE SEAT PEDESTAL IN CONTROL ROOM**
- 1 TV HIGH CUBE 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 Rhino Liner 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 Stainless Steel Desktop / Work Area
 - 1 12V High Intensity LED Light Fixture
 - 2 Electrical Outlet with Dual Receptacles
 - 1 Fire Extinguisher with Bracket, 10BC Rating
 - 1 Breaker Box Storage Area with Locking Positive Latch
- 1 CARBON MONOXIDE DETECTOR MOUNTED IN INTERIOR OF UNIT**
- 1 ROOF TOP AIR CONDITIONER, 13,500 BTU WITH HEAT STRIP**
- 1 CURBSIDE DOOR WITH FOLD-DOWN STEPS FOR EVO 3.0**
- 1 STORAGE CABINET UNDER CONTROL ROOM DESKTOP**
- 1 BENCH SEAT IN CONTROL ROOM**
- 1 ENCLOSED LAVATORY TO INCLUDE:**
 - 1 RV Type Toilet
 - 1 Ventilation Fan, Roof Mounted
 - 1 Toilet Paper Dispenser
 - 1 110 Volt Fluorescent Light Fixture
 - 1 Lonseal Lonplate Floor Covering
 - 1 Laminated Surface Wall Covering
 - 1 Kemlite Covered Ceiling
 - 1 Passage Door from Lavatory to Equipment Room
- 1 TV/SEAL HI-CUBE VAN EQUIPMENT ROOM INTERIOR TO INCLUDE:**
 - 1 Rhino Liner 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 Stainless Steel Lower Storage Cabinet / Stainless Steel Work Top with Sink and Faucet
 - 1 Stainless Steel Upper Wall Mounted Storage Cabinet
 - 1 Ventilation Fan
 - 1 Eyewash Station
- 1 ADDITIONAL LIGHT AND OUTLET**
 - 1 Fluorescent Light and Fixture Mounted Above Work Top
 - 1 Dual Receptacle Outlet Above Work Top
- 1 BACK-UP CAMERA SYSTEM [CHASSIS]**

- 1 5 DRAWER TOOL CHEST - BLACKHAWK**
- 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 AIR COMPRESSOR ELECTRIC DRIVE 4.0 CFM @100 PSI TO INCLUDE:**
 - 1 30-Gallon Air Receiver Tank
 - 1 Rear Air Chuck
 - 1 Retractable Air Hose Reel with 25' Air Hose with Chuck
- 1 7500 WATT QUIET DIESEL ONAN GENERATOR**
 - 1 120 Volt 60 HZ 7500 Watt (Minimum) Commercial Grade "Quiet" Generator
 - 1 Diesel Powered
 - 1 Electric Start
- 1 GENERATOR COMPARTMENT [UNDER CHASSIS MOUNT]**
 - 1 Generator Storage Compartment with Lockable External Access Door
 - 1 Slides (Pair)
 - 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 LED 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 4 x 5W Cluster LED's for 6" through 72" lines
 - 1 Camera Transportation and Storage Case
- 1 STEERABLE CAMERA TRANSPORTER, WHEELED, v2**
 - 1 Steerable Unit Designed to Turn 360 Degrees Within Its Own Radius
 - 1 Two (2) Speed Transmission to Maximize Torque in Large Diameter Pipe
 - With Manual Shifter on Camera Carrier
 - 1 Unit Shall Have Forward, Free Wheel, and Power Reverse
 - 1 Set of Six (6) Driven Rubber Wheels to Inspect 8" Pipe
 - 1 All Six (6) Wheel Drive Transporter Assembly to Include:
 - 1 Motor & Enclosed Drive Train
 - 1 Tip Up Rear 12-Pin Connector
 - 1 Transporter Control Unit
- 1 MECHANICAL LIFT KIT**

- 1 10" - 15" RUBBER TIRE KIT, v2
- 1 10" - 15" SPACER KIT FOR SPR/PR, v2
- 1 12" - 15" PNEUMATIC TIRE KIT, v2
- 1 18"+ PNEUMATIC TIRE KIT, v2
- 1 8" STEEL 10/12 GRIT WHEEL KIT, v2
- 1 10" - 15" STEEL 10/12 GRIT WHEEL KIT, v2
- 1 **STAINLESS STEEL TV/PENTA HOSE REEL ASSEMBLY W/FITTINGS & AUTO PAYOUT**
 - 1 Stainless Steel Dual Passage Rotary Joints
 - 1 Electric Reel Drive Motor Control, Reel Mount
 - 1 Transmission Control Linkage, Reel Mount
 - 1 Hose Terminal Quick Connectors, SS Locking
 - 1 Chemical Hose SS Check Valve Assemblies
 - 1 Packer Joint Testing / Sealing Adapter with Transducer
 - 1 500' Penta Hose
- TV REEL ASSEMBLY
 - 1 Power Levelwind & Multi Ratio Manual Transmission
 - 1 Automatic Cable Payout System
 - 1 Footage Meter with Local Counter and Remote Mechanical 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 **CONTROLLER IN CONTROL ROOM FOR SEAL REEL**
- 1 **1500' CABLE ASSEMBLY, M/C 12PIN METAL**
 - 1 1500' 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 **EASY GROUT SYSTEM TO INCLUDE:**
 - 1 Grout System Control Software
 - 1 Grout Instrumentation Cabinet
 - 1 Interconnect Cabling Assembly Kit
 - 1 Computer Monitor for Grout System
- 1 **HI/LOW VISCOSITY CHEMICAL PUMPING SYSTEM TO INCLUDE:**
 - 1 Air Motor Drive
 - 1 Pump Mounting Frame
 - 2 1:1 Ratio Positive Displacement SS Pumps with By Pass
 - 1 8:1 Ratio Positive Displacement Pump with By Pass
 - 1 Pump Manifold Assembly with Stainless Steel Disconnects
 - 1 High Viscosity Chemical Positive Shut Off Valve Assembly
 - 1 Suction Assembly with Extension Tubes for 5 Gallon Urethane Chemical Containers
 - 1 Transfer Pump for Acrylate or Acrylic Chemical
 - 1 Chemical Tank Assembly with:
 - 1 Dual Non Corrosive, 30-Gallon Working Capacity Tanks
 - 1 Clear Sight Gauge
 - 1 AIR MOTOR DRIVEN CHEMICAL TANK AGITATORS
- 1 **75-GALLON WATER STORAGE AND SUPPLY SYSTEM TO INCLUDE:**
 - 1 75-Gallon Fresh Water Tank
 - 1 Air Operated Water Pump

- 1 Retractable Hose Reel with 25' Water Hose and Nozzle
- 1 CHEMICAL HANDLING PACKAGE, TO INCLUDE:**
 - 2 Chemical Mixing Paddle
 - 1 Chemical Scoop
 - 1 Chemical Measuring Cup [Plastic]
- 1 ELECTRIC WINCH W/1000' 3/16" SST CABLE TO INCLUDE:**
 - 1 Hinged, Fold Down Frame with Pin Locks
 - 1 1/2 hp High Torque Power Driver
 - 1 3/16" Stainless Steel Winch Tow Cable 1000'
 - 1 Winch Power Cord Extension Assembly 20'
 - 1 Power Winch Drum Emergency Hand Crank
- 1 CONTROLLER FOR ELECTRIC WINCH W/REAR FOOT PEDAL**
- 1 VIEWING ROOM FOOT PEDAL CONTROLLER FOR ELECTRIC WINCH**
- 2 REEL W/500' 14/4 POWER CABLE FOR ELECTRIC WINCH**
 - 1 Power Cord Reel Assembly w/500' 14/4 Power Cord
- 1 KICKPLATE WINCH STORAGE**
- 2 SAFETY FLAG, 18X18X36**
- 1 8"-30" SKID ASSEMBLY TO INCLUDE:**
 - 1 8" to 30" Pipe Diameter Skid Spacer Plate
 - 2 Bottom Stainless Steel Runners
 - 3 Top Stainless Steel Runners
- 1 12/5/4 ADAPTER CABLE**
- 1 8" LV PACKER ASSEMBLY**
- 1 10" LV PACKER ASSEMBLY**
- 1 12" LV PACKER ASSEMBLY**
- 1 15" LV PACKER ASSEMBLY**
- 3 22" FLATSCREEN COLOR INDUSTRIAL TV MONITOR**
- 1 ADDITIONAL WIRING & INSTALL FOR 3RD MONITOR IN CR**
- 1 [LAPTOP] COMPUTER W/GraniteNet PREMIUM & REAL TIME VIDEO CAPTURE**
 - 1 Intel Core i5-6200U (2.80 GHz, 3MB cache) CPU
 - 1 Eight (8) GB of DDR3L-1600MHz SDRAM
 - 1 1 TB (5,400 RPM) Hard Drive
 - 1 Onboard graphics accelerator w/520 MB shared graphics memory
 - 1 15.6" HD (1366x768) Anti-Glare LED-backlit Display
 - 1 Onboard audio with built-in stereo speakers Sound
 - 1 802.11ac + Bluetooth 4.0, Dual Band 2.4 & 5 GHz, 1x1
 - 1 Network connector (RJ-45) Port
 - 2 USB 2.0 Ports
 - 1 USB 3.0 Port
 - 1 Stereo headphone / Microphone combo jack
 - 1 Media Card Reader (SD, SDHC, SDXC)
 - 1 Docking Connector

- 1 HDMI Port
- 1 Integrated Widescreen HD (720p) Webcam with Single Digital Microphone
- 1 Windows 10 Professional 64-bit Operating System
- 1 40 WHr, 4-Cell Battery
- 1 Full size, spill-resistant keyboard
- 1 Video Capture Device
- 1 USB 3.0 Flash Drive

*Specifications Subject to Change, Component List Above Reflects Equipment to be Supplied (Minimum)

Additional Options are Available.

- 1 GraniteNet Premium Software
- 1 User Guide

1 RACK MOUNT FOR LAPTOP W/SLIDE OUT TRAY & DOCKING STATION

1 WIRELESS KEYBOARD AND MOUSE SET

1 HP OFFICEJET COLOR PRINTER

1 GraniteNet PREMIUM SOFTWARE SUPPORT PLAN

1 PACP MODULE GraniteNet SOFTWARE

1 LATERAL INSPECTION MODULE GraniteNet SOFTWARE

1 LACP MODULE GraniteNet SOFTWARE

1 GROUTING MODULE, Granite XP SOFTWARE

1 ESRI IMPORT MODULE GraniteNet SOFTWARE

1 ESRI INTERFACE MODULE GraniteNet SOFTWARE

1 SOFTWARE,MPEG4 H.264 MODULE GraniteNet

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 TEST CABLE

1 WIRED 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 WIRELESS 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
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- 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 SELF PROPELLED LATERAL INSPECTION / EVALUATION SYSTEM, WHEELED, FOR 6" - 30" MAINLINE AND 3" - 8" LATERAL INSPECTION, WITH LATERAL PAN & TILT CAMERA AND PAN AND TILT / ZOOM MAINLINE CAMERA, AND WIRELESS CONTROL TO INCLUDE:

- 1 Mainline Pan, Tilt, and Zoom Camera to Include:
 - 1 Mainline Solid State Color Sewer TV Camera with:
 - 1 Pan, Tilt & Rotate Camera Head
 - 1 40:1 Zoom Ratio, 10x Optical Zoom, 4x Digital Zoom, NTSC Color Standard
 - 1 360 Degree Range of Rotation, 270 Pan Viewing Angle, Panning 360 Degrees
 - 1 Auto Iris, Auto Focus, Manual Override of Focus and Iris
 - 1 Camera will also be Used for:
 - 1 Monitoring Lateral Pan & Tilt Camera During Extend / Retract Operation
 - 1 Light Assembly, Pan & Tilt Zoom Camera, 6" - 72" lines
 - 1 White LED Field Replaceable Lamps
 - 1 Automatic Centering
- 1 Lateral Pan & Tilt Camera to Include:
 - 1 Solid State Color Sewer TV Camera with:
 - 1 Continuous 360 Degrees Rotation, 360 Degrees Pan, and 270 Degrees Tilt
 - 1 Sonde, Built in, for Locating Purposes with:
 - 1 Switchable Frequencies, Choice of 8kHz and 512 Hz
 - 1 Purge and Pressurization Valve, for Lateral Pan & Tilt Camera
 - 1 Dual Wiper System Built Into Lateral Pan & Tilt Camera
 - 1 Built in Directional White LED Lighting for Lateral Pan Tilt Camera for:
 - 1 3" - 15" Line Illumination
 - 1 Powered Built in Self Leveling Feature, Manual Focus, and Auto Exposure
 - 3 Guide Probes of varying lengths for Lateral Pan & Tilt Camera
- Lateral Launcher, for Lateral Pan and Tilt Camera to include:
 - 1 Self Propelled Launcher Robot with Freewheel, Forward, and Power Reverse
 - 1 Camera Head Mounting Assembly with Rotation Positioning, Articulating Hinge
 - 1 Push Cable Drive Assembly - Two-Speed Extend / Retract Camera Positioning
 - 1 Rear tip-up connector
 - 1 Interconnect Cable for Launcher to Push Cable
 - 1 Interconnect Cable for Control System to Power Control Unit
 - 1 Single-point quick wheel removal system
 - 1 6 each 3.5" diameter tires for 6" pipe
 - 1 6 each 4.375" diameter tires for 8" pipe
 - 1 6 each 5" diameter tires for 10"-15" pipe
 - 1 Pneumatic Tire Kit for 12" - 15" pipe
 - 1 Rear Housing Assembly to Add Optional Rear View Color Camera
- 1 Lateral Reel / Control Assembly / Wireless Controller
 - 1 Electric Reel with Automatic Levelwind, Slipping and Clutch for:
 - 1 Powered Retrieve of Push Cable
 - 1 Control System to Include Launcher / Self Propelled Robot Control with:
 - 1 Extend / Retract, Left / Right Rotation, Camera Selection
 - 1 Picture In Picture Selection / Cable Drive Speed
 - 1 1000 ft. Video Cable, 8 Conductor with Cable End Termination

- 1 Controller with Forward, Freewheel, and Power Reverse / Variable Speed Control:
 - 1 Self-Propelled Launcher Robot
 - 1 All Launcher, Camera, and Reel Functions Shall be Controlled by the Wireless Hand Held Summit System Controller
 - 1 Rear- View Camera
 - 1 Color NTSC Camera
 - 1 Lightring with (12) Solid State White LEDs
- 1 QUICK CABLE LOCK PIGTAIL COUPLER KIT**
- 1 150' PUSH CABLE FOR LATERAL INSPECTION SYSTEM**
- 1 MANHOLE TOP ROLLER ASSEMBLY**
- 2 MANHOLE ADAPTER CLAW HOOK**
- 6 STEEL RETRIEVAL POLE**
- 2 INVERT ROLLER ASSEMBLY**
- 1 RETRIEVAL HOOK**
- 1 STORAGE BOX FOR POLES**
- 1 TV/SEAL TOOL KIT TO INCLUDE:**
 - 1 Quad Ring for 3/8" Quick Disconnect
 - 1 Quad Ring for 1/2" Quick Disconnect
 - 1 Blowdown Swivel Adapter Assembly
 - 1 Washdown Swivel Adapter Assembly
 - 1 Electrical Tape
 - 1 5FT Extension Cable 5/5
 - 1 Milliampmeter Tool
 - 1 9-Piece Allen Wrench Kit
 - 1 Industrial Pliers
 - 1 Needle Nose Pliers
 - 1 Six-in-One Screwdriver
 - 1 6" Adjustable Wrench
 - 1 1 OZ Anti Seize Grease
 - 1 Grout Pump Adjustment Tool
 - 1 Solder Iron Kit
 - 1 TV/Seal Training Video
 - 1 Parts Catalog
 - 3 M/C TV Only Operation Manual
 - 3 Test/Seal Operations Manual
 - 1 TV Only Training DVD
 - 1 5/32 Hex T-Handle Wrench
 - 2 Solenoid Valve Seal
 - 2 Check Valve Repair Kit
 - 1 Packer Stem Cleaning Tool
- 1 TRAINING, ON-SITE (EIGHT DAYS)**
- 1 TRUCK DELIVERY-FLORIDA**

"The Standard of the Industry"



Sole Source Justification

Gavin Lopeman
ORLANDO CITY OF (FL)
5100 LB McLeod Road
Orlando, FL 32811
407-246-2659
gavin.lopeman@cityoforlando.net

I wanted to provide you with some information on why Cues, Inc. is the only manufacturer that can provide hardware, software, and service for your existing TV equipment.

Let's start with the question... *Why Cues?*

- ✓ Cues, Inc. is the leading manufacturer of CCTV video equipment in the world and has been in business for over 50 years.
- ✓ 100% American Made. All of our Engineering, Sales, Services, and Support are completed in-house, in the USA.
- ✓ The Cues Factory, Customer Support Center, and Stock Room are all centrally located in Orlando, FL.
- ✓ We carry over \$25 million in Parts and Loaner Inventory with over 98% of them shipping the same day.
- ✓ Loaner Equipment is Available for the Lifetime that you own Cues Products...meaning limited downtime.
- ✓ The only manufacturer who has its own Software Support Staff and solely manufactures the Granite Software Platforms.
- ✓ No 3rd Parties. No Dealers. We provide direct factory sales, service, and support for the lifetime of the product.
- ✓ Continued Equipment Support for years after purchase with over 175,000 Engineering Drawings on file.

You already own Cues TV Inspection Equipment and we are the only manufacturer that is directly compatible with your existing transporters and cameras. Other manufacture's may claim to be able to work with our existing equipment but they generally do not express the level of modification they will be performing on your existing equipment which will also void any Cues warranty.

We are sole manufacturer and supplier of OEM (Original Equipment Manufacturer) products/parts for your existing TV Equipment.

Sincerely,

Chris Parker
Regional Sales Manager - Florida
CUES, Inc.
Cell: 407.446.7445 | Office: 800.327.7791 x330
cparker@cuesinc.com

"The Standard of the Industry"



100% Full Circle Compatibility Note

CUES current cameras, lightheads, Power Control Units, Footage Systems are 100% compatible with your existing CUES TV equipment. This full circle compatibility allows older equipment to operate on newer TV systems and newer equipment to operate on older systems.

Justification

- CUES, Inc. is the sole manufacturer and supplier of OEM (**Original Equipment Manufacturer**) products/parts for your existing CUES TV equipment.
- The proposed purchase of new equipment and parts is **100% compatible** with your existing CUES TV equipment.
- CUES, Inc. is the sole manufacture of the ProData, Summit System and Granite XP video/footage capture system. CUES, Inc. has the only in-house software support team. Other products in the market are 3rd party add-on programs and offer no in house support.
- The CUES DUC, OZII and OZIII Pan/Tilt Cameras, Ultra Shorty Tractor, Pipe Ranger are solely manufactured by CUES in Orlando, Florida.
- The CUES Mini Push 2020 and MP+ Lateral Inspection units are solely manufactured by CUES in Orlando, Florida. The MiniPush translator adapter allows full interconnect to your TV unit's existing VCR, Monitor and data system.
- CUES, Inc. maintains over \$20 million dollars in parts and supplies that eliminates the need for you to have an extensive part inventory.
- The manufacturing center, customer support center and stockroom are located in Orlando, Florida.

Other manufactures may claim to have components i.e. cameras, etc. that can be modified to operate on your existing CUES system, however this may require special one of a kind cables or modifications to the internal electronics of your camera, Power Control Unit, etc. Any modification to the system's electronics voids the manufactures warranty and the life-time loaner policy.

ATLANTIC

MACHINERY INC.

Sewer and Street Equipment Specialists

5/4/17

CUES SEWER TV INSPECTION TRUCK
NJPA CONTRACT NO 022014-AMI

Customer: ORLANDO

Shipping: FLORIDA

Requirement Specification	
Cues TV inspection truck system with all standard equipment (SEE ATTACHED COMPONENT LISTING)	\$153,900.00
Deduct E450 included in base price	(\$28,000.00)
2017 Ford F-750 diesel chassis	\$66,220.00
20' cargo box	\$7,824.00
Aluminum flooring	\$2,000.00
Tinted windows	\$1,000.00
Two Traffic directors, LED	\$2,362.00
Hide-A-Way strobe kit	\$998.00
Additional LED lighting	\$5,000.00
LED ambient lighting kit	\$3,900.00
Evolution Interior package	\$15,445.00
LED flood lights under rear bumper	\$575.00
DOT approved striping with chevron pattern on rear door	\$1,000.00
DOT Decals	\$1,725.00
Transporter/Camera lockable storage compartment	\$1,390.00
Kick plate double storage, side by side	\$1,390.00

Requirement Specification	
Stainless steel lockable metal storage cabinet mounted under chassis	\$2,250.00
Rear awning for protection of sun or rain	\$1,255.00
Floor mounted pedestal crane	\$2,900.00
Rhino liner flooring in control/equipment room	\$5,000.00
Bucket seat with swivel adjustable seat pedestal in control room	\$1,200.00
Heat strip addition to standard roof top a/c	\$430.00
Fold down steps for curbside door	\$2,250.00
Desktop	\$650.00
Enclosed lavatory	\$4,900.00
Lavatory sink	\$284.00
Eye wash station	\$136.00
Upper cabinet	\$750.00
Stainless steel upper cabinet in control room	\$727.00
Back up camera system for chassis	\$940.00
5 drawer tool chest, Blackhawk	\$1,257.00
32" rear flat screen in lieu of 17" included in base	\$1,600.00
30 Gallon air compressor	\$5,390.00
Breaker Box, timer, converter	\$2,529.00
Steerable pipe ranger transporter in lieu of standard	\$9,983.00
Mechanical lift with rope and hook for pipe ranger	\$1,785.00
10-15" rubber wheel kit	\$1,124.00
Spacer kit	\$1,793.00
Pneumatic tire kit 12-15	\$1,627.00
Pneumatic tire kit 18+	\$1,627.00

Requirement Specification	
8" steel wheel kit	\$1,550.00
10-15" steel wheel kit	\$1,611.00
Automatic payout for reel	\$2,900.00
TV/Cutter reels to be stainless steel	\$2,800.00
Controller in control room for seal reel	\$612.00
1500' of gold cable, 1000' comes standard, add 500'	\$2,485.00
Low VI Grout System, pneumatic, controller tank, mainline grout system	\$95,000.00
Kick plate storage box, winch storage	\$918.00
8"-30" skid assembly	\$1,631.00
12/5/4 adapter	\$383.00
Chemical tank assembly with air monitors	\$7,005.00
75 gallon wash down system with sink and air pump	\$5,062.00
30 gallon air compressor kit	\$5,386.00
System select, K2, TV/Seal/Logi	\$1,424.00
Monitor for easy grout	\$508.00
8" LV Packer Assembly	\$3,600.00
10" LV Packer Assembly	\$3,700.00
12" LV Packer Assembly	\$3,800.00
15" LV Packer Assembly	\$4,200.00
System select, K2, Tv/Cutter	\$1,496.00
Three 22" Heavy Duty TV monitors	\$1,855.00
Additional wiring for 3 rd monitor	\$220.00
Laptop, Windows 7	\$4,176.00
GNET Premium	\$14,000.00

Requirement Specification	
Rack mount for laptop with slide out tray	\$1,500.00
HP Officejet Printer	\$281.00
GNET Premium support plan	\$1,800.00
GNET PACP module	\$2,450.00
GNET lateral inspection module	\$2,950.00
Grouting Module software	\$2,950.00
GNET ESRI import module	\$2,005.00
GNET ESRI interface module	\$6,995.00
Software, MPEG4 H.264 Module GNET	\$380.00
Lamp II package	\$100,175.00
Storage box for poles	\$1,200.00
8 days of training, two included in base price, add 6 extra	\$4,218.00
Delivery	\$300.00
TOTAL CONTRACT UNIT PRICE OFFERED TO CUSTOMER	\$582,642.00
ADDITIONAL DISCOUNT OFFERED FROM CONTRACT PRICE (only if the above package is ordered complete, no substitutions)	(\$49,882.00)
TOTAL NJPA PRICE TO CUSTOMER	\$532,760.00

Delivery is _____ Days after receipt of order,

NJPA CONTRACT NO 022014-AMI

VENDOR/CONTRACT HOLDER:

ATLANTIC MACHINERY, INC 2628 GARFIELD AVE SILVER SPRING, MD 20910

301-585-0800

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