

Nov 9, 2006

City of Jonesboro, AR
Teddy Hooton

Jonesboro, AR

Dear Teddy

Attached you will find our proposal for a main line sewer camera. We are listing bullet form what we believe sets our Envirosight Rovver apart from others and why we are proud to be representatives.

- Length & weight of the stainless steel Crawler & Camera is 21 inches long the weight being 51 pounds.
- This allows ease of set up, greater accessibility, therefore saves time and money
- The *steerable* pan, tilt, zoom crawler camera inspects lines as small 8 inches, and the remote control lift and additional lighting allows inspection of 60 inch lines.
- It's strategic design (6 wheel drive w/two motors) gives you the ability to crawl around debris and over the off sets.
- Envirosights Supervision has *counter rotating steering* as opposed to traditional skid steering on track and converted to wheel units. This makes for easier maneuvering and faster operation.
- The camera can submerge to 10 bar.
- The Zoom camera captures fine detail.
- Pitch, roll and inclinometer sensors are also standard in the camera.
- Lightweight 656ft of Kevlar reinforced cable does not drag or sit on the bottom of the pipe but floats when underwater.
- Automatic reel pays out and retracts the cable, preventing tangles.
- This permits the camera to go farther and travels up to a speed of 75 ft per minute.
- The Kevlar cable is tough enough to stand 500 pounds of pull.
- The camera comes w/a built in sonde enabling you to locate the camera w/a locator.
- Interchangeable wheels and lamps adapt the crawler to any size pipe from 9" to 60"
- In addition if necessary it is possible to transport into hard to reach easements. Reel and Control Module can be hand carried into an easement and only a power cord needs to be run.

Recipient:

Terry Hooton, Engineer Storm Drain
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870 243 5496
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Green Equipment Co.

Tom Howell, Salesman
Green Equipment Co
217 Cedar Ln
Sand Springs, OK 74063
USA
918 865 4310, fax: 918 865 7366
tomhowell99@msn.com

Quote: 0000003459

Date: Nov 5, 2006

Submitted by: Green Equipment Co.

Part No.	Unit	Qty	Price/Unit
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E-040-0000-01

US \$59,360.31

1

US \$59,360.31

ROVVER 225 CRAWLER SYSTEM

225 Crawler, RA 200 Motorized Cable Reel with 200M of cable, Color Pan/Tilt camera, Crawler shipping case, camera shipping case, Cable Reel Shipping Case, Pressurization Kit, Control Unit with Text Generator & Pendant Controls, Video Cable, set of medium wheels, set of large wheels.

E-040-0501-00

US \$526.76

1

US \$526.76

ROVVER 225 Lowering Tool
with rope

SPCL

US \$3,500.00

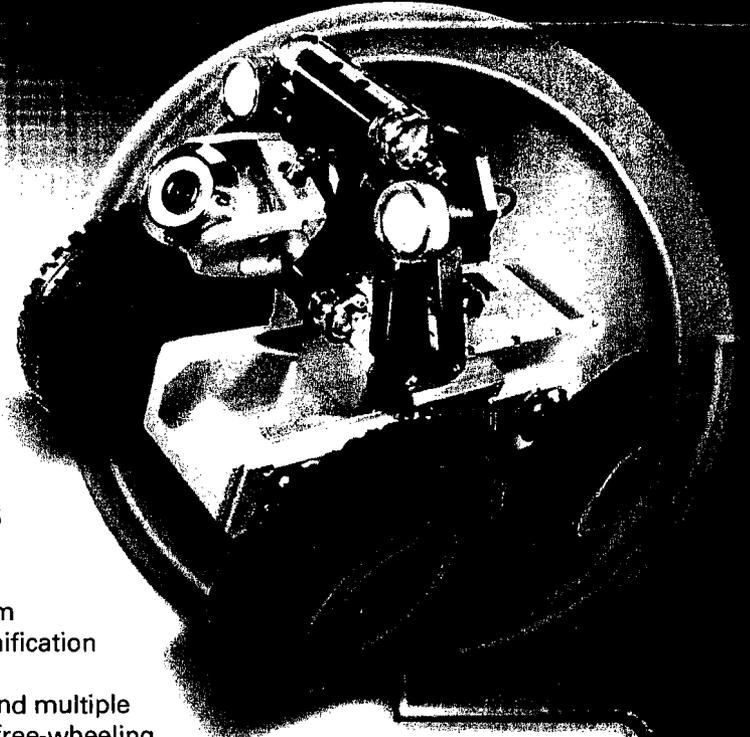
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US \$3,500.00

Pan/Tilt Camera Zoom option with 10X optical zoom and 4X digital zoom.
Dual measurement for measurement capability

Total: **US \$63,387.07**

ROVVER™ 225



When you need an adjustable viewing height range and the power to inspect through rough terrain, ROVVER® 225 is the inspection crawler to use. For optimum large-diameter (9–60") pipe inspection, ROVVER 225's pendant-controlled lift platform adjusts camera height from 6–12", centering the camera in the pipe for optimum magnification and undistorted inspection in any direction. This rugged, all-wheel-drive crawler moves easily over debris and around multiple turns. A remotely-operated clutch releases the wheels for free-wheeling retrieval.

ROVVER 225 carries a pan/tilt, pan/tilt/zoom or forward viewing color video camera, plus retrieval, sensing or sampling equipment to distances as far as 660'. Its modular design and ability to inspect pipes with diameters larger than 9" make it ideally suited for a range of applications. ROVVER's remote pendant enables an operator to raise and lower the camera, change camera zoom and orientation, control focus and lighting, engage the clutch and steer the crawler around obstacles such as debris and offsets.

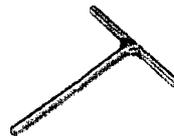
Applications

- Wastewater and storm water lines
- Oil and steam lines
- Service water intake lines

Features/Benefits

- Adjustable platform lifts camera above liquids/debris to view from pipe center line.
- Strong and steerable, it moves easily over and around debris and offsets.
- Quick disconnect simplifies use, reduces maintenance and speeds set-up.
- Handheld pendant controls lift platform, clutch, lighting, focus, travel direction and speed, and camera zoom and orientation.
- Rack-mount control unit integrates into operator's existing vehicle.
- Standard inclinometer for measuring and graphing grade.
- Survives damp and submerged environments (Crawler and camera rated IP68; reel rated IP63).
- Compatible with ROVVER 100 and ROVVER 125 crawlers, cameras and cables

Below: One simple tool is all you need to swap out the ROVVER 225's cameras and cables.



•• Service Center Storm Culvert



•• Collapse Due to Tap-In.



•• Protruding Tap.

Specifications

*Specifications subject to change without notice.

Crawler

Dimensions	533mm (21") x 203mm (8") x 165mm (6.5") with small wheels
Weight	23.13 kg (51 lb)
Material	Brass, nickel plated, stainless steel, aluminum
Drive	Twin 40W DC motors, steerable 6-wheel drive, electric clutch for retrieval
SONDE	33 kHz
Depth Rating	IP68, 3' of water, 14.7 psi
Sensors	inclination ($\pm 10\%$), pressure

Camera

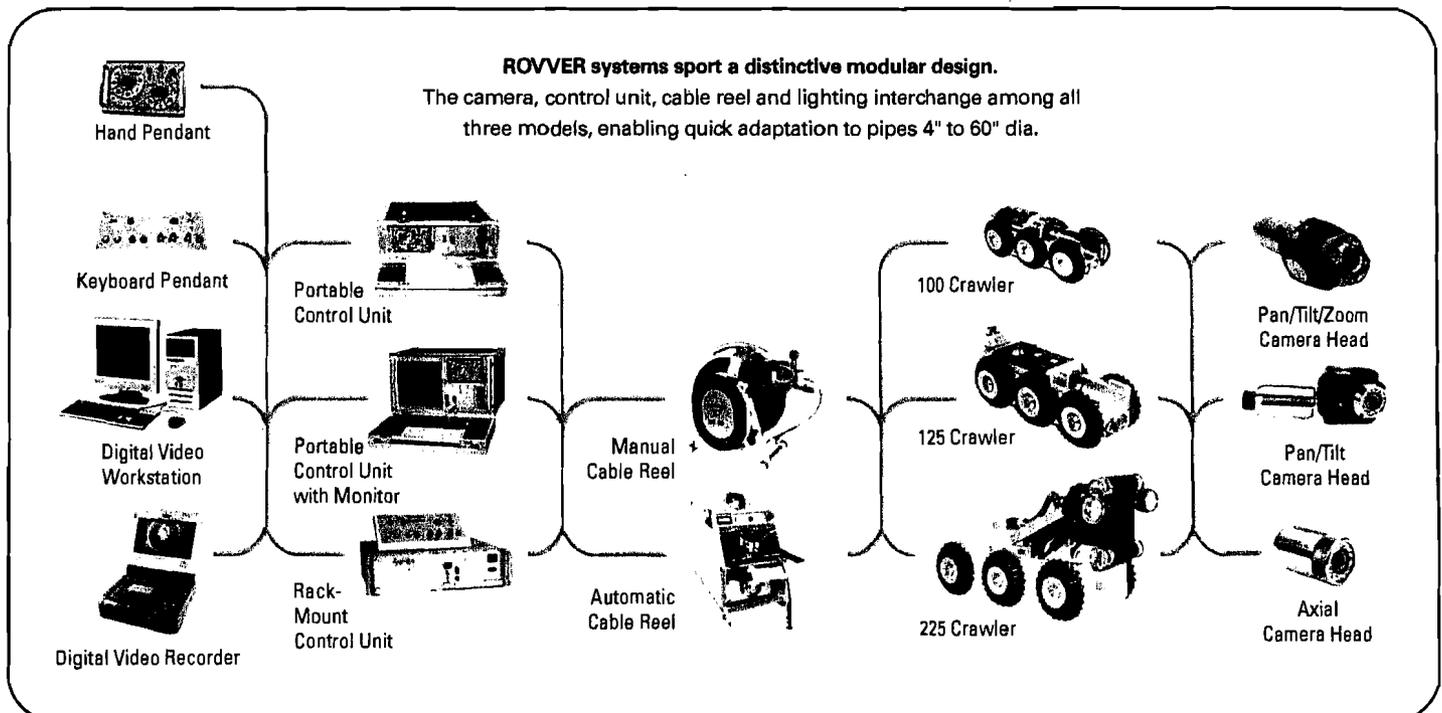
Type	0.5" color CCD camera, 1 lux sensitivity
Resolution	380,000 pixels, 420 HTV lines resolution
Zoom	optional 40:1 (10X optical; 4X digital)
Lens	4mm, f1.2, remote focus
Lens FOV	68° x 90° x 100° (VxHxD)
Focus	6mm (0.25") to infinity (remotely adjustable)
Dimensions	1.9" dia. x 2.75" long (axial); 3.2" dia. x 7.2" long (pan/tilt)
Camera Lift	Remote-operated for 9" to 28" pipe
Rating	IP68

Cable Drum

Cable	Standard Cable: 7 mm dia, 0.052 lb/ft Heavy-Duty Cable: 8.5 mm dia, 0.065 lb/ft <i>Both are multi-conductor with 227 kg (500 lb) Kevlar® strength member and polyurethane outer jacket. Both come in 101m (330'), 150m (492') and 200m (660') standard lengths, or custom lengths to 200m (660').</i>
Drum	Portable manual slip-ring cable drum with various cable lengths, or automatic motorized cable reel with level wind feature
Rating	IP63

Control Unit

Size (dxwxh)	420mm (16.5") x 343mm (13.5") x 292mm (11.5")
Weight	18kg (40 lb)
Pendant Control	Left/right steering, crawler speed, light intensity, camera lift up/down, pan/tilt/zoom, clutch control, auxiliary light control, modular slide-in cards for upgrades/accessories
Power	110 Vac, 60 Hz (230 Vac optional)
Output	NTSC composite (EIA-170A) video (PAL available); 19" rackmount controller is available





111 Canfield Avenue Randolph, New Jersey 07869 Phone 973-252-6700

Envirosight LLC is the manufacturer for the QuickView manhole camera system, Rovver, Supervision crawler systems and all parts. Our home office is located in Randolph, New Jersey.

Envirosight LLC manufactures and distributes this product and it's accessories through out North America. All of the sales of this product are handled through our dealer network, with no direct sales.

A qualified technician trained by Envirosight LLC must do any warranty service work on the QuickView, Rovver, Supervision products.

Envirosight LLC carries a full inventory of parts and turn around time is 48 hours or less.

Green Equipment Company based out of Fort Worth Texas, is an exclusive (sole source) dealer for Envirosight LLC products in Texas, Oklahoma, New Mexico, Louisiana, and Arkansas.

The Envirosight Rovver Crawler Camera system has the following exclusive features that are responsible for the Sole Source letter:

- Automatic Cable Reel feeds cable out only as the crawler requires and provides a steady pull on the cable when the crawler is in reverse and backing from the pipe.
- The Rovver is a steerable, six wheel drive crawler that can reverse out of a pipe without a pull.
- The cable connector to the Rovver Crawler or Camera is the only connector in the industry that carries a life time warranty.

Dale Berryman
Western Region Sales Manager
Envirosight LLC

GREEN EQUIPMENT COMPANY
TOM AND CHRIS HOWELL
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Office 918-865-4310 Fax 918-865-7366 Cell 918-691-4360

Nov 9, 2006

The following are Envirosight references. These are some of the first to purchase from Green Equipment so they can give you very good information concerning performance and maintenance cost.

City of Pleasant, TX
Contact: Anthony Rasor
Phone: 903 575 4133

City of Frisco, TX
Contact Jackie Davis
Phone: 972 335 5520
Direct: 469 853 4778

City of Ardmore, OK
Contact: Luther Wooley
580 226 3772

City of Abilene, TX
Mark Renley
Phone: 325 537 0882