

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

Price quote for:

Crawler Inspection Camera System

Vendor Name: **FLEXIBLE PIPE TOOL COMPANY**
 Contact Person: **Shane Smetana**
 Street Address: **30577 Pearl Drive**
 P.O. Box:
 City, State, Zip: **St. Joseph MN 56374**
 Phone #: **320-363-7552**
 Toll Free #: **800-450-6969**
 Fax #: **320-363-7882**
 Email Address: shane@flexiblepipetoolco.com

Spec #	Information Requested	Answer
1.0	Make & Model	Aries Badger
	<u>Crawler:</u>	
	Number of drive wheels/tracks	6.00
	Number of drive motor(s)	1
	Drive mechanism (chain, belt, gear, etc.)	Internal Chain
	Does drive mechanism have a clutch	Yes
	Internal pressure rating	N/A
	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	(6)3"rubber, (6)4"rubber, (6)5" rubber
	Overlapping wheel design to prevent high centering	No
	Wheel/Track change tool requirement	5/16 nutdriver
	Wheel/Track change time requirement	3 minutes typical
	Minimum pipe diameter	8"
	Dimension-crawler only (LxHxW)	20.1" x 4.33" x 6.4"

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Spec #	Information Requested	Answer
	Overall length with camera attached	27.2"
	Weight of crawler	47.5 lbs minimum
	Overall weight crawler with camera attached	58.5 lbs. minimum
	Material the crawler constructed from	Stainless, brass, and anodized aluminum
	Cable connector type to crawler	Waterproof
	Tools required to connect/disconnect crawler from cable	7/16 Hex key
	Number of controls required to operate crawler	1
	Direction crawler can operate (example: forward/neutral/reverse)	Forward, Reverse, Neutral
	Is crawler steerable	No
	Does crawler have rear vision camera capability	Standard
	Inclinometer standard	Optional
	Power requirement (watts/amps/voltage)	95W (variable)
	Is a Sonde device available	Yes
	<u>Camera:</u>	
	Pan & tilt	Yes
	Pan and tilt control type	Modular
	Home position control type	Pushbutton
	Pixels & lines of resolution	768x494, 470TVL(h)
	Zoom (magnification optical & digital)	10X optical, 4X digital (40:1)
	Lux rating	0.1
	Construction material	Stainless steel, anodized aluminum
	Lens type	Sapphire
	Lens field of view (VxHxD)	35.6 x 46.4 x 56.4
	Black & white or color	Color
	Lighting type	LED
	Type of lighting control	Rheostat
	Field replaceable lights	Yes
	Focus (auto & manual)	Automatic w/ override
	Connection type	Mil-Spec
	Dimensions (LxHxW)	13.75" x 3.38" x 4.5"

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Spec #	Information Requested	Answer
	Camera weight	11 lbs
	Pressurization method	Inert gas
	Internal pressure rating	20 psi
	Over/under pressure indicator light	Diagnostic Display
	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	270
	Maximum viewing angle for tilt	360 continuous
	Camera controller have "home" position function type	Yes
	Does camera have the ability to view 360 degrees	Yes
	Field replaceable windshield on camera	Yes
	<u>Cable:</u>	
	Cable length	1000 ft
	Cable diameter	0.435" nominal
	Break strength	2000 lbs
	Single or multi-conductor	Multi-conductor
	Repairable	Yes
	<u>Cable Reel:</u>	
	Motorized (yes/no)	Yes
	Drive type	Internal Chain
	Automatic pay-out, or pulled by crawler	Pulled by crawler
	Automatically payed-in	Yes
	Cable reel level wind system	Yes
	Drum emergency stop switch	Yes
	Resettable counter	Yes
	Counter-mechanical or electronic	Both
	Forward/reverse engagement control type (manual or electronic)	Electronic
	Speed control type	Rheostat
	Type of torque control	Clutch
	Overheat sensor	No
	Cable reel capacity	1000 ft

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Spec #	Information Requested	Answer
	Portable	Yes
	Dimensions (LxHxW)	30.6" x 43.1" x 26.2"
	Power requirements	120VAC
	<u>Central Control Unit:</u>	
	Power requirements	120VAC, sine wave
	Circuit protection type	Resettable breaker
	Video in/out	Yes
	Type of text generator	Aries VL5000
	Keyboard	104-key
	Desktop camera control	Optional
	Number of video text generators on-screen	88 comments x 27 characters each
	Video display of footage, time and date	Yes
	Warranty	One year
	BASE UNIT PRICE:	\$45,106.00

AUGUST 2013

VENDOR NAME

Flexible Pipe Tool

MAKE AND MODEL

Aries Badger

Spec #	Description	Qty	Price	Subtotal
1.0	Price for base unit:		\$ 45,106.00	\$ -
	Base unit includes ST3500 SCU with VL5000 reporting, VR505 portable DVD recorder, PE2620 camera system, TR3001 tractor system (8"-15"), portable reel w/ 1000' multi-conductor cable, and portable downhole guide package			
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.			
1.1.1	Substitute TR2000 Taurus (deduct)		\$ (245.00)	\$ -
1.1.2	Add TR2000 Taurus		\$ 7,302.00	\$ -
1.1.3	TR2000 18"-24" spreader block and coupler kit		\$ 1,106.00	\$ -
1.1.4	Substitute TR2120 Mini-Taurus		\$ 1,266.00	\$ -
1.1.5	Add TR2120 Mini-Taurus		\$ 8,861.00	\$ -
1.1.6	TR2120 18"-24" spreader block and coupler kit		\$ 736.00	\$ -
1.1.7	Add TR3001 Badger		\$ 7,594.00	\$ -
1.1.8	Badger 18"-24" spreader block and coupler kit		\$ 546.00	\$ -
1.1.9	Substitute TR3030 Badger with tip-up connector		\$ 1,897.00	\$ -
1.1.10	Add TR3030 Badger with tip-up connector		\$ 9,491.00	\$ -
1.1.11	Substitute TR3101 Mini-Badger		\$ 1,126.00	\$ -
1.1.12	Add TR3101 Mini-Badger		\$ 8,721.00	\$ -
1.1.13	Substitute TR3201 Steerable Badger		\$ 10,669.00	\$ -
1.1.14	Add remote lifting mechanism, TR3201		\$ 6,333.00	\$ -
1.1.15	Add manual scissor lift kit, TR3201		\$ 1,647.00	\$ -
1.1.16	Add manual scissor lift kit, Badger or Taurus		\$ 2,970.00	\$ -
1.1.17	Substitute TR3400 Pathfinder XL		\$ 20,682.00	\$ -
1.1.18	Add TR3400 Pathfinder XL		\$ 28,456.00	\$ -
1.1.19	Add TR7000 Titan		\$ 20,863.00	\$ -
1.1.20	Substitute TR7000 Titan		\$ 13,269.00	\$ -
1.1.21	Substitute TR2015 TaurusSC		\$ 761.00	\$ -
1.1.22	Add TR2015 TaurusSC		\$ 8,355.00	\$ -
1.1.23	TR2015 18"-24" spreader block and coupler kit		\$ 1,107.00	\$ -
1.1.24	Substitute TR3020 BadgerSC		\$ 2,502.00	\$ -
1.1.25	Add TR3020 BadgerSC		\$ 10,097.00	\$ -
1.1.26	TR3020 18"-24" spreader block and coupler kit		\$ 346.00	\$ -
1.1.27	Substitute TR3115 Mini-BadgerSC		\$ 1,926.00	\$ -
1.1.28	Add TR3115 Mini-BadgerSC		\$ 9,520.00	\$ -
				\$ -
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.			
				\$ -
1.2.1	Add large line kit with 8" tires, TR3001		\$ 4,291.00	\$ -
1.2.2	Add large line kit with 10" tires, TR3001		\$ 4,162.00	\$ -
1.2.3	Add large line kit with 8" and 10" tires, TR3001		\$ 4,937.00	\$ -
1.2.4	Add large line kit with 8" and 11" tires, TR3001		\$ 5,144.00	\$ -
1.2.5	Add large line kit with 8" tires, TR3101		\$ 4,275.00	\$ -
1.2.6	Add large line kit with 8" tires, TR3201		\$ 4,221.00	\$ -
1.2.7	Add large line kit with 10" tires, TR3201		\$ 5,227.00	\$ -
1.2.8	Add large line kit with 8" tires, TR3400		\$ 6,011.00	\$ -
1.2.9	Add large line kit with 10" tires, TR3400		\$ 5,868.00	\$ -
1.2.10	Add large line kit with 8" and 10" tires, TR3400		\$ 6,657.00	\$ -
1.2.11	Add track drive kit, TR3400		\$ 6,608.00	\$ -
1.2.12	Add 19" tire set, TR7000		\$ 3,073.00	\$ -
1.2.13	Add large line kit with 8" tires, TR3020		\$ 4,291.00	\$ -
1.2.14	Add large line kit with 8" tires, TR3115		\$ 4,162.00	\$ -

Spec #	Description	Qty	Price	Subtotal
1.2.15	Add 3" high traction wheel (ea)		\$ 93.00	\$ -
1.2.16	Add 3" reverse offset high traction wheel (ea)		\$ 102.00	\$ -
1.2.17	Add 4" high traction wheel (ea)		\$ 188.00	\$ -
1.2.18	Add 4" offset high traction wheel (ea)		\$ 213.00	\$ -
1.2.19	Add 4" reverse offset high traction wheel (ea)		\$ 150.00	\$ -
1.2.20	Add 5" high traction wheel (ea)		\$ 224.00	\$ -
1.2.21	Add 5" offset high traction wheel (ea)		\$ 221.00	\$ -
1.2.22	Add 3" standard rubber wheel (ea)		\$ 111.00	\$ -
1.2.23	Add 3" reverse offset rubber wheel (ea)		\$ 107.00	\$ -
1.2.24	Add 4" standard rubber wheel (ea)		\$ 103.00	\$ -
1.2.25	Add 4" reverse offset rubber wheel (ea)		\$ 117.00	\$ -
1.2.26	Add 4" extended hub rubber wheel (ea)		\$ 159.00	\$ -
1.2.27	Add 5" standard rubber wheel (ea)		\$ 144.00	\$ -
1.2.28	Add 5" extended hub rubber wheel (ea)		\$ 278.00	\$ -
1.2.29	Add 5" dually rubber wheel (ea)		\$ 305.00	\$ -
				\$ -
1.30	<u>Camera Options</u> Use this section to offer camera options. Number items starting with 1.31, 1.32, etc. Use as many numbers as you need.			\$ -
1.3.1	Add PE2620 vertical home camera		\$ 20,054.00	\$ -
1.3.2	Substitute PE2720 horizontal home camera			\$ -
1.3.3	Add PE2720 horizontal home camera		\$ 20,054.00	\$ -
1.3.4	Substitute SC1306 Illumi-ZoomSC camera		\$ 1,369.00	\$ -
1.3.5	Add SC1306 Illumi-ZoomSC camera		\$ 21,423.00	\$ -
1.3.6	Add PE3400 Pathfinder Zoom horizontal camera		\$ 20,368.00	\$ -
1.3.7	Substitute PE3400 camera with adapter		\$ 314.00	\$ -
1.3.8	Add PE3500 Pathfinder Zoom vertical camera		\$ 20,368.00	\$ -
1.3.9	Substitute PE3500 camera with adapter		\$ 314.00	\$ -
1.3.10	Add PE3600 pan and tilt push camera		\$ 13,948.00	\$ -
1.3.11	Substitute PE3600 pan and tilt push camera with adapter		\$ (6,106.00)	\$ -
				\$ -
1.40	<u>Lighting Options</u> Use this section to offer lighting options. Number items starting with 1.41, 1.42, etc. Use as many numbers as you need.			\$ -
1.4.1	Add LH245 high performance light head		\$ 1,319.00	\$ -
1.4.2	Add additional LH330 Pathfinder light head		\$ 1,010.00	\$ -
1.4.3	Add additional LH340 Pathfinder XL light head		\$ 1,539.00	\$ -
				\$ -
1.50	<u>Control Consoles</u> Use this section to offer control console options. Number items starting with 1.51, 1.52, etc. Use as many numbers as you need.			\$ -
1.5.1	Substitute VR506 PVR3 with 16GB digital storage		\$ 1,003.00	\$ -
1.5.2	Add camera and tractor deskmount controllers		\$ 2,602.00	\$ -
1.5.3	Add Laptop PC		\$ 2,959.00	\$ -
1.5.4	Add rack mounted PC with UPS		\$ 3,608.00	\$ -
1.5.5	Add MuniXS software		\$ 3,025.00	\$ -
1.5.6	Add Pipetech Scan software		\$ 9,293.00	\$ -
1.5.7	Add Scan manhole module		\$ 960.00	\$ -
1.5.8	Add Scan lateral module		\$ 960.00	\$ -
1.5.9	Add Scan PACP template		\$ -	\$ -
1.5.10	Add Scan GIS data import module		\$ 2,576.00	\$ -
1.5.11	Add Scan 1yr support program		\$ 846.00	\$ -
1.5.12	Add Pipetech Check offline software		\$ 934.00	\$ -
1.5.13	Add Check manhole module		\$ 354.00	\$ -
1.5.14	Add Check lateral module		\$ 354.00	\$ -
1.5.15	Add Check 1yr support program		\$ 256.00	\$ -
1.5.16	Add Pipetech View offline software		\$ 1,742.00	\$ -
1.5.17	Add View editing module		\$ 859.00	\$ -
1.5.18	Add View query module		\$ 1,667.00	\$ -
1.5.19	Add View GIS data import module		\$ 1,263.00	\$ -
1.5.20	Add View network setup		\$ 256.00	\$ -
1.5.21	Add View 1yr support program		\$ 359.00	\$ -
1.5.22	Add WinCan v8 software with overlay control		\$ 7,061.00	\$ -

Spec #	Description	Qty	Price	Subtotal
1.5.23	Add WC8 digital video compression to laptop		\$ 4,525.00	\$ -
1.5.24	Add WC8 digital video compression to rack PC		\$ 5,799.00	\$ -
1.5.25	Add WC8 manhole module		\$ 1,818.00	\$ -
1.5.26	Add WC8 lateral module		\$ 1,603.00	\$ -
1.5.27	Add WC8 analysis module		\$ 2,222.00	\$ -
1.5.28	Add WC8 Map module		\$ 6,217.00	\$ -
1.5.29	Add WC8 inclination module		\$ 2,727.00	\$ -
1.5.30	Add WC8 data export module		\$ 1,293.00	\$ -
1.5.31	Add WC8 Core software and license for office		\$ 3,030.00	\$ -
1.5.32	Add 1yr WinCan Bronze-level Infinity Support		\$ 1,538.00	\$ -
1.5.33	Add Pipelogix Full reporting software		\$ 14,141.00	\$ -
1.5.34	Add Pipelogix Lite reporting software		\$ 9,798.00	\$ -
1.5.35	Add Pipelogix DVS video module		\$ 4,545.00	\$ -
1.5.36	Add Pipelogix Manhole module		\$ 3,838.00	\$ -
1.5.37	Add Pipelogix GIS data module		\$ 3,283.00	\$ -
1.5.38	Add Pipelogix 1yr support program		\$ 2,000.00	\$ -
1.5.39	Add IT Pipes software package		\$ 12,323.00	\$ -
1.5.40	Add IT Pipes manhole module		\$ 2,201.00	\$ -
1.5.41	Add IT Pipes lateral module		\$ 2,201.00	\$ -
1.5.42	Add IT Pipes GIS Send module		\$ 3,779.00	\$ -
1.5.43	Add IT Pipes software and license for office		\$ 3,200.00	\$ -
1.5.44	Add 1yr IT Pipes Silver level ARSA		\$ 1,516.00	\$ -
1.5.45	Add 15" LCD monitor, desktop		\$ 975.00	\$ -
1.5.46	Add 15" LCD monitor, rear viewing in vehicle		\$ 997.00	\$ -
1.5.47	Add 17" LCD monitor, desktop		\$ 1,029.00	\$ -
1.5.48	Add 17" LCD monitor, rear viewing in vehicle		\$ 1,053.00	\$ -
1.5.49	Add 19" LCD monitor, desktop		\$ 1,207.00	\$ -
1.5.50	Add 19" LCD monitor, rear viewing in vehicle		\$ 1,231.00	\$ -
1.5.51	Add 20" LCD monitor, desktop		\$ 1,334.00	\$ -
1.5.52	Add 20" LCD monitor, rear viewing in vehicle		\$ 1,357.00	\$ -
1.5.53	Substitute ST4006 single conductor portable SCU		\$ 333.00	\$ -
1.5.54	Substitute rack & desk mount electronics package		\$ 4,055.00	\$ -
1.5.55	Add color laser printer		\$ 592.00	\$ -
1.5.56	Add ink jet printer		\$ 207.00	\$ -
				\$ -
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.			\$ -
				\$ -
1.6.1	Substitute 500' cable (deduct)		\$ (1,233.00)	\$ -
1.6.2	Substitute 1000' single conductor cable			\$ -
1.6.3	Add portable reel vehicle mounting w/ cable guide		\$ 967.00	\$ -
1.6.4	Add Pathfinder reel with 1000' cable		\$ 15,227.00	\$ -
1.6.5	Add Pathfinder reel vehicle mounting kit		\$ 967.00	\$ -
1.6.6	Add Pathfinder reel dolly wheel kit		\$ 361.00	\$ -
1.6.7	Substitute 1200' cable, Pathfinder		\$ 530.00	\$ -
1.6.8	Substitute PR1200 truck mounted reel w/ shifter		\$ 4,422.00	\$ -
1.6.9	Substitute PR1201 aluminum truck mounted reel w/ shifter		\$ 7,981.00	\$ -
1.6.10	Substitute PR1210 truck mounted reel w/ clutch		\$ 3,670.00	\$ -
1.6.11	Substitute PR1211 aluminum truck mounted reel w/ clutch		\$ 8,054.00	\$ -
1.6.12	Substitute 1200' cable, PR1200		\$ 771.00	\$ -
1.6.13	Substitute 1500' cable, PR1200		\$ 2,054.00	\$ -
1.6.14	Substitute resinfree termination, multi-conductor			\$ -
				\$ -
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.			\$ -
				\$ -
1.7.1	Add semi-portable weather resistant enclosure		\$ 11,567.00	\$ -
1.7.2	Add PI2000 inclinometer		\$ 2,569.00	\$ -
1.7.3	Add LE2140 lateral inspection system		\$ 43,775.00	\$ -
1.7.4	Add LE2165 lateral inspection system		\$ 46,921.00	\$ -
1.7.5	Add LE3140 wheeled lateral inspection system		\$ 45,054.00	\$ -
1.7.6	Add LE3165 wheeled lateral inspection system		\$ 47,951.00	\$ -
1.7.7	Add PE3600 camera to LETS system		\$ 11,431.00	\$ -
1.7.8	Add detachable 512Hz beacon		\$ 1,288.00	\$ -
1.7.9	Add RL530 sonde locator		\$ 2,265.00	\$ -
1.7.10	Add float system with LH300 lighthouse		\$ 5,096.00	\$ -

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Spec #	Description	Qty	Price	Subtotal
1.7.11	Add 1000' remote manhole winch		\$ 7,086.00	\$ -
1.7.12	Add power rewind to extension cord reel		\$ 4,057.00	\$ -
1.7.13	Add 6"-30" skid set		\$ 1,553.00	\$ -
1.7.14	Add tigertail downhole guide		\$ 131.00	\$ -
1.7.15	Add invert roller system		\$ 625.00	\$ -
1.7.16	Add fiberglass extension pole		\$ 115.00	\$ -
1.7.17	Substitute steel pole for fiberglass (ea)			\$ -
1.7.18	Add PM6000 side scanning camera system		\$ 76,599.00	\$ -
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.			
1.8.1	Warranty coverage, months 13-24		\$ 3,799.00	\$ -
1.8.2	Warranty coverage, months 25-36		\$ 4,354.00	\$ -
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			Price: \$	
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			
2.0	DISCOUNT OFF LIST PRICE FOR RELATED PARTS AND ACCESSORIES (See Special Terms and Conditions)			%
	Price List Date and Number		\$	
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.			
	Hourly Rental Rate:		\$	
	Weekly Rental Rate:		\$	
	Monthly Rental Rate:		\$	
	Percent (%) of Rental Fee applied to purchase price:			%
2.2	Delivery Starting Point (city, state, zip code)			
2.3	Price per loaded mile		\$	