

Contract No. 187410
Amendment No. 03, Exhibit D, Dated February 01, 2023
Authorized Distributor List

RESPONDER'S NAME: Titan Machinery Inc

Following is a list of all distributors that are authorized to sell the contracted equipment.

COMPANY NAME	SWIFT VENDOR & LOCATION NO.	COMPANY STREET ADDRESS	STATE	ZIP	PHONE NO.	CONTACT NAME
Titan Machinery Inc.	251892-10	500 Ingersoll Ave	Crookston, MN	56716	218-281-4668	Mike Kolste
Titan Machinery Inc.	251892-6	4001 38th Street SW	Fargo ND	54108	701-237-3333	Lee Menge
Titan Machinery Inc.	251892-19	4311 Haines Road	Hermantown, MN	55811	218-727-3038	Ben Pias
Titan Machinery Inc.	251892-20	N 1626 Wuensch Road	La Crosse, WI	54601	608-788-1025	Anthony Cook
Titan Machinery Inc.	251892-2	1201 North Hwy 59	Marshall, MN	56258	507-532-5783	Troy Schmidt
Titan Machinery Inc.	251892-17	14375 James Road	Rogers, MN	55374	763-428-5099	Ben Pias
Titan Machinery Inc.	251892-18	6340 County Road 101 E	Shakopee, MN	55379	952-445-5400	Ben Pias
Titan Machinery Inc.	251892-5	4400 W 62nd St North	Sioux Falls, SD	57107	605-336-3434	Matt Leighton

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Makes and Models Offered

Specification 1.0 - Crawler Inspection Camera System Details and Information	
Specification 1.0 - Crawler Inspection Camera System Pricing Information	
Manufacturer	Manufacturer Model Number
Rapidview	IBAK Mainline T76 System/Lateral Launch Package
Rapidview	IBAK Mainlite 206 Portable System
Rapidview	IBAK Mainlite 306 Portable System
Rapidview	IBAK Panorama 4K

Specification 2.0 - Jetter Inspection Camera System Details and Information	
Specification 2.0 - Jetter Inspection Camera System Pricing Information	
Manufacturer	Manufacturer Model Number

Specification 3.0 - Push Camera Inspection System Details and Information	
Specification 3.0 - Push Camera Inspection System Pricing Information	
Manufacturer	Manufacturer Model Number
Rapidview	IBAK Mini-lite 2.0

Specification 4.0 - Pole Mounted Camera Inspection System Details and Information	
Specification 4.0 - Pole Mounted Camera Inspection System Pricing Information	
Manufacturer	Manufacturer Model Number
Rapidview	IBAK Panorama SI 4K

Specification 5.0 - Inspection Vehicle Field Office Up-fit Packages Details and Information	
Specification 5.0 - Inspection Vehicle Field Office Up-fit Package Pricing Information	
Manufacturer	Manufacturer Model Number
Rapidview	City Van
Rapidview	Cutaway
Rapidview	Premium Trailer
Rapidview	ECO Trailer

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Specification 1.0 Crawler Inspection Camera System Details and Information

Price quote for:

Crawler Inspection Camera System

Vendor Name:	Titan Machinery
Contact Person:	Kevin Prodoehl
Street Address:	644 E Beaton Dr.
P.O. Box:	
City, State, Zip	West Fargo, ND 58078
Phone #:	763-276-8335
Toll Free #:	800-795-9274
Fax #:	952-445-0365
Email Address:	kevin.prodoehl@titanmachinery.com

1.0	Make & Model	IBAK Panoramo 4K System
	<u>Crawler:</u>	
	Number of drive wheels/tracks	4.00
	Number of drive motor(s)	2
	Drive mechanism (chain, belt, gear, etc.)	chain
	Does drive mechanism have a clutch	No, Fully Automated
	Internal pressure rating	IP68 14.0 psi
	Pressurization method	Dry Air Pump
	Does crawler maintain pressure if camera is removed	no
	Over/under pressure indicator light	Audible Warning and display on controller
	Can repressurization be accomplished in the field	yes
	Quantity, type & size of tracks/wheels included with base package	1 set of (4) each 5" 6" 8" 10"
	Overlapping wheel design to prevent high centering	NA
	Wheel/Track change tool requirement	Allen Wrench
	Wheel/Track change time requirement	2 min
	Minimum pipe diameter	5"
	Dimension-crawler only (LxHxW)	19" X 4.5" X 2.7"
	Overall length with camera attached	25.5"
	Weight of crawler	52lbs

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Overall weight crawler with camera attached	54Lbs
Material the crawler constructed from	Brass/Stainless steel
Cable connector type to crawler	High streength locking 4-way swivel
Tools required to connect/disconnect crawler from cable	none
Number of controls required to operate crawler	1 Joystick
Direction crawler can operate (example: forward/neutral/reverse)	FWD, REV, LEFT, RIGHT and auto centering
Is crawler steerable	Yes Tank Style
Does crawler have rear vision camera capability	Yes
Inclinometer standard	optional
Power requirement (watts/amps/voltage)	110V AC to 48V DC controller
Is a Sonde device available	Standard in Camera and Tractor 512&33
<u>Camera:</u>	
Pan & tilt	Yes
Pan and tilt control type	Joy Stick
Home position control type	Single push button
Pixels & lines of resolution	4K HD 1920X1080
Zoom (magnification optical & digital)	Software Driven Variable
Lux rating	NA. This produces a digital Image
Construction material	Aluminum and Stainless Steel
Lens type	Saphire
Lens field of view (VxHxD)	Dual 360 Cameras
Black & white or color	Color
Lighting type	High Intensity Zenon Strobes
Type of lighting control	Computer/Touch Screen
Field replaceable lights	Yes
Focus (auto & manual)	Auto and Manual
Connection type	High Strength Locking Collar
Dimensions (LxHxW)	6.5"L X 3" Diameter

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Camera weight	2.25 lbs
Pressurization method	Dry Air Pump
Internal pressure rating	IP68 14.0 PSI
Over/under pressure indicator light	Audible Warning
Does camera maintain pressure when removed from crawler	no
Will camera connect to cable w/o crawler and be fully functional	no
Maximum viewing angle for pan	360
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	up to 2,000 ft
Cable diameter	.405"
Break strength	2,000 lbs
Single or multi-conductor	Multi Dual Fiber Optic
Repairable	Yes
<u>Cable Reel:</u>	
Motorized (yes/no)	Yes
Drive type	Electric Motor
Automatic pay-out, or pulled by crawler	Synchronized pay out
Automatically payed-in	Synchronized Pay In
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	Variable

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Type of torque control	None-Reel is Auto Sensing
Overheat sensor	NA
Cable reel capacity	2,000' with built in retractable boom
Portable	Yes
Dimensions (LxHxW)	14" X 20.5" X 24.8"
Power requirements	110V AC powered from control unit
<u>Central Control Unit:</u>	
Power requirements	110V AC
Circuit protection type	Fused
Video in/out	HDMI and 2 USB
Type of text generator	Windows 10 and Runs PACP Software
Keyboard	touch Screen
Desktop camera control	Joystick
Number of video text generators on-screen	Multiple
Video display of footage, time and date	Yes
Warranty	1 yr.
BASE UNIT PRICE:	\$ 237,160.00

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VENDOR NAME

Titan Machinery

MAKE AND MODEL

IBAK Panoramo 4K Sys

Spec #	Description	Qty	Price	Subtotal
1.0	Price for Base Unit		\$ 237,160.00	\$ -
1.10	Crawler Options			
1.11	Inclinometer		\$ 5,893.00	\$ -
1.12	Weight Kit		\$ 1,314.00	\$ -
1.13	Remote Elevator Kit		\$ 7,953.00	\$ -
1.14	Over Turn Protection		\$ 1,661.00	\$ -
1.20	Wheel Options			
1.21	Hard Treaded Wheel Set for 8" Pipe		\$ 1,204.00	\$ -
1.22	Hard Treaded Wheel Set for 12" Pipe		\$ 1,587.00	\$ -
1.23	Small Pneumatic Tire Set		\$ 1,355.00	\$ -
1.24	Wheel Set 108		\$ 948.00	\$ -
1.25	Wheel Set 130		\$ 1,232.00	\$ -
1.26	Wheel Set 10"		\$ 1,232.00	\$ -
1.27	XL Pneumatic Tire Set		\$ 1,998.00	\$ -
1.28	Carbide wheels for 6" pipe		\$ 1,368.00	\$ -
1.29	Carbide wheels for 8" pipe		\$ 1,451.00	\$ -
1.30	Camera Options			
1.31	Add Panoramo 4K SI Camera for manhole inspections		\$ 99,895.00	\$ -
1.40	Lighting Options			
1.41			N/A	\$ -
1.50	Control Console Options			
1.51	Horse Shoe Controller with touch screen is included with all main line systems		Standard	
1.60	Cable and Cable Drum Options			
1.61	Integrated equipment lowering boom is included		Standard	
1.62	Deflection pulley for easement set ups		\$ 1,084.00	\$ -
1.63	Down hole cable protection roller		\$ 712.00	\$ -
1.64	Foot switch for lowering winch		\$ 1,017.00	\$ -
1.64.1	Cable cleaning brush		\$ 493.00	\$ -

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1.65	Other Crawler Options			
1.66			N/A	\$ -
1.70	Performance Options			
1.71	Panorama 150 Tractor for 6" and up pipe		\$ 104,621.00	\$ -
1.75	Extended Warranty Options			
1.76			N/A	\$ -
1.80	Vendor Owned Rental Return Or Demo Equipment Program			
	See Solicitation Special Terms and Conditions. DEDUCT cost per Used Hour from the original Contract Price			
1.81			N/A	\$ -
1.85	Discount Off List Price for Related Parts and Accessories (See Special Terms and Conditions)			
	Price List Date and Number		Date	Number
	Discount %		N/A	N/A
			None	None
1.90	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.			
	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
1.95.1	Delivery Starting Point (City, State, Zip Code)		Nearest Titan Machinery Inc. Below:	
			Shakopee, MN 55379	
			Fargo, ND 54108	
			Crockston, MN 56716	
			Hermantown, MN 55811	
			Rogers, MN 55374	
			Marshall, MN 56258	
			Sioux Falls, SD 57104	
			La Crosse, WI 54601	
1.95.2	Price per loaded mile		\$	4.50
1.95.3	Minimum Freight Charge (if applicable)		\$	250.00