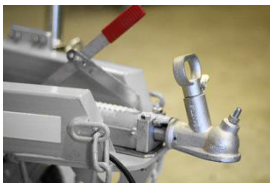
IVC MobileVision Products

MVT-3001

- Customizable mobile surveillance platform
- Solar or engine powered
- Large battery backup
- Operates in extreme environments
- Remotely monitored and controlled
- 24/7 unattended operation
- Wide track trailer for maximum stability
- Multiple camera options

Choose from our standard options or have IVC customize a solution that exactly meets your mobile surveillance needs.



IV&C INDUSTRIAL VIDEO & CONTROL

Equipment
PROPOSAL

Prepared for

City of Friendswood

James O'Brien
910 South Friendswood Drive
Friendswood, TX 77546

by **Industrial Video & Control**

Jennifer Williams
(617) 467-3059 ext 147
jwilliams@ivcco.com

Number	AAAQ2627
Date	Mar 26, 2018

ISO 9001 Certified

MADE IN THE USA

IV&C INDUSTRIAL VIDEO & CONTROL

INDUSTRIAL VIDEO & CONTROL
330 Nevada Street, Newton, MA 02460
t. 617.467.3059 f. 617.687.0751
"The Industrial Video Solutions Leader"

Qty	Description	Unit Price	Extended Price
1	**Long Deployment Surveillance Trailer**	$70,870.80	**$70,870.80**

(1) Long Deployment Surveillance Trailer Base with 960 Watts Solar

Part#: MVT-3001

Enclosed hybrid powered trailer system with 25 foot telescoping mast, electric mast lift, flexible cabling system and a power system with a 900 Ah battery pack and 960 watts of solar.

- 900Ah battery pack - 6 x 150 Amp/Hr. batteries
- 3 x 320 watt solar charge assist for 960 watts total
- Power Control Module - Includes high efficiency charge controller with metering and data logging
- DOT approved lighting package - includes marker lights with 4 way wire connection
- Anti-theft Measures - Locking compartments, wheel lock immobilizes trailer

(2) 8MP 4K 30x PTZ Network Camera

Part#: 6AE830VNI

Featuring powerful optical zoom and accurate pan/tilt/zoom performance, this camera provides an all-in-one solution for capturing long distance video surveillance for outdoor applications. Together with infrared illumination, the camera is the perfect solution for dark, lowlight applications. The series combines a day/night mechanical IR cut filter for the highest image quality in variable lighting conditions during the day.

(2) 12MP IR Bullet Network Camera

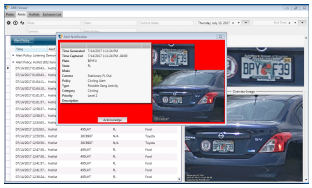
Part#: NK8BB7Z

These cameras feature true day/night making them suitable for applications with varying lighting conditions and onboard intelligent video system (IVS) analytics for a more efficient surveillance system.

The built-in IVS features people counting and heat mapping functionality, advanced features that add business intelligence to your security system. Intelligent Analysis tracks and stores daily, weekly, monthly, and yearly people flow through a defined scene and produces a configurable report. The system uses this data to produce a Heat Map, a two-dimensional representation of data that provides an immediate visual summary of information. People Counting and Heat Mapping can identify the most active areas of a retail space providing valuable data analysis for commercial applications.

(1) PlateSmart ARES Premium Camera Connection Software

Part#: PS-ARES-CAM-PRE-SD



Per camera for ARES Premium SD (single region of interest). First year support and maintenance is included. Offers enterprise grade, end-to-end ALPR management solution that captures vehicle information, such as plate, state jurisdiction and vehicle make and stores to a database. Per site install includes five ARES viewer with easy-to-use viewing interface for real-time and historical viewing of vehicle and alert information.

Includes unlimited user accounts, customer accounts, analytical policies, as well as other enterprise grade features, such as real - time notification to users via email/text messaging, web based search and report from any device, analytics and configurable data retention policy.

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Qty	Description	Unit Price	Extended Price

(1) Onboard Network Video Recorder

Part#: ThinkPad T470p

The rugged laptop server for NVR software records to a local hard drive and allows for remote monitoring. Video Management Software is pre-loaded onto the system based on cameras used or customer's requirement.

- Intel® Core™ Processor
- Windows 10 64-bit Operating System
- 14" FHD (1920 x 1080) IPS, Anti-Glare
- ThinkPad Precision Keyboard with Backlight
- Ultradurable and MIL-SPEC Tested
- 500GB SSD for Software + 2TB Video Storage
- Pre-installed with VMS Software

(1) Cradlepoint IBR1100 Ruggedized 3G/4G/LTE Router

Part#: IBR-1100

The Cradlepoint COR IBR1100 Series is a compact, ruggedized 3G/4G/LTE networking solution designed for mission-critical connectivity in the most challenging environments. With an extensive list of safety and hardening certifications, the COR IBR1100 is engineered to protect against extreme temperatures, humidity, shocks, vibrations, dust, water splash, reverse polarity, and transient voltage.

Operating Temperature -30° C to 70° C (-22 °F to +158 °F) Includes temperature sensor with options for alerts and automatic shutoff.

(1) Gasoline Power Generator

Part#: GEN-GAS

- Microprocessor control with diagnostics and lightweight, compact design
- Gasoline fueled
- Quietest generator sets of their size
- Easy maintenance with single-side service
- Completely enclosed with muffler
- Low fuel consumption
- Includes 14 gallon fuel tank

(1) Two-way Audio

Part#: AUD-100

Two-way audio allows you to remotely receive and transmit audio through the trailer. The system can be configured to play pre-recorded voice messages or sounds upon a triggered event.

Includes:
- (2) 100 Watt Speakers
- (1) Marine Full-Range Amplifier
- (1) Network I/O Audio Module
- (1) Weather Proof Omni Microphone

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(1) Red and Blue LED Police Strobe Light
Part#: POLICE-STRB

(1) Onsite Training
Part#: IVC-TRAIN
One day training session to be held at customer's onsite location.

Running SubTotal **$70,870.80**

SubTotal	$70,870.80
Tax	$0.00
Shipping	$1,000.00
Total	**$71,870.80**

• Shipping rate to be determined unless specified on this proposal.

• Standard payment terms include a 50% deposit upon receipt of order with the remaining balance due before delivery

MVT-3001 Trailer Specifications

Trailer Dimensions	
Width	1781mm/5' 8"
Length	4040mm/13'2"
Height	3048mm/10'
Weight	1270Kg/2800lbs
Camera / Equipment Box	Mounted at top of mast Temperature Controlled Fan CAT6 & 1.5mm/2 Electric Cables
Trailer Details	
Axle	A/T single axle
Mast Raise/Extension	12VDC Electric winch
Mast height	25ft Mast
Wind Rating Speed	100kph
Lighting Package	USDOT-approved
Anti-theft Measures	Locking compartments & wheel locks
Battery	
Batteries	6 x 150AH
Capacity	900AH
Voltage	DC 12V
Material	Colloid
Supplied Voltage	24V

IVC surveillance trailers are well-suited for use in a variety of security & monitoring applications.

Remote Construction Monitoring

Emergency Management

Public Safety/Event Management

MVT-3001 Standard Options

Homeland Security/Crime Prevention

Power plant
- 960 watt solar array
- Combustion engine
- 100 - 240 VAC
- Storage battery array

Cameras
- 1 - 5 camera configurations
- 30x HD PTZs with or without integrated illumination
- HD fixed cameras
- Standard and radiometric thermal cameras
- LPR (license plate recognition) cameras

Local audio/visual alarm indicators

Local NVR for video storage and management

Wireless connectivity
- 4G LTE cellular w/WiFi
- 2.4GHz, 5GHz, 900MHz radio

2-way audio

Remote Facilities Monitoring

ISO 9001 Certified

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Qty	Description	Unit Price	Extended Price
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- DOT approved lighting package - includes marker lights with 4 way wire connection
- Anti-theft Measures - Locking compartments, wheel lock immobilizes trailer

(2) Pan/Tilt/Zoom HD Color Camera

Part#: PTZ-HD30-13

The PTZ-HD30-13 is a high quality, high-definition color video camera with outstanding lowlight performance. It has a 30x motor-driven optical zoom. The PTZ-HD30-13 can provide multiple streams of high frame rate video. The high speed pan, tilt, and zoom functions can be controlled automatically and precisely from anywhere using the click-to-point and preset view features of IVC's camera management software packages. The camera automatically switches to black and white and removes an IR cut filter to increase sensitivity in low light conditions. Integrated IR illuminators provide operation at 0 lux up to 100 meters.

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- Pre-installed with VMS Software

Options

Gasoline Power Generator (Optional)
This option can be added for: $8750.00 Each

Remotely Operated LED Lighting Package (Optional)
This option can be added for: $250.00 Each

Red and Blue LED Police Strobe Light (Optional)
This option can be added for: $250.00 Each

Hard Drive 2 TB (Optional)
This option can be added for: $150.00 Each

Site Power Monitor (Optional)
This option can be added for: $1900.00 Each

Two-way Audio (Optional)
This option can be added for: $2925.00 Each

- Shipping rate to be determined unless specified on this proposal.
- Standard payment terms include a 50% deposit upon receipt of order with the remaining balance due before delivery

SubTotal	$43,500.00
Tax	$0.00
Shipping	
Total	**$43,500.00**