

**CITY OF GARDEN GROVE**

**INTER-DEPARTMENT MEMORANDUM**

To: Matthew J. Fertal

From: Kevin J. Raney

Dept: City Manager

Dept: Police

Subject: AUTHORIZE THE ISSUANCE OF A  
PURCHASE ORDER TO RAMCO  
RUGGED FOR IN-CAR  
COMPUTERS FOR POLICE  
VEHICLES MOBILE COMPUTER  
TERMINALS (MCTS)

Date: August 26, 2014

OBJECTIVE

To seek City Council approval to purchase Patrol PC brand in-car mobile computer terminals (MCTS) and related mounting equipment for patrol vehicles from RAMCO Rugged.

BACKGROUND

The Police Department's current in-car computers were purchased in 2006. The evolution of police work, advances in technology, and the age of the current equipment, has made it necessary to replace the existing computers.

DISCUSSION

Since July 2013, the Police Department has tested seven in-car computers including mounting equipment, deemed appropriate for field use. Each computer option was graded in four areas and assigned an overall rating. The Patrol PC solution was found to have received the most favorable ratings of any computer option tested. The Patrol PC solution was identified as the best option for the Police Department's needs. Some of the other factors that were considered were durability, configurability, cost (both direct and indirect), and the distributor's location in Orange County.

In addition to field feedback, the Patrol PC computer demonstrates a level of durability that exceeds most of the other products tested. This includes the computer being housed in a full-metal case that is virtually indestructible and a touch screen display with two panes of "Ultra-Armor" glass. These computers are exposed to rugged, unpredictable conditions on a daily basis making extra protection crucial.

AUTHORIZE THE ISSUANCE  
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August 26, 2014  
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One of the cost saving features is the option to upgrade memory or hard drives as the need arises. This is a cost savings as the terminals can be updated with the latest technology if needed without replacing the entire computer.

In addition to being able to upgrade components as needed, Patrol PC will load the required software configuration on each computer before it is shipped from the factory. This will save the City's Information Systems Department several hours of work. Finally, the pricing model is at a lower than normal cost as the City would be able to "piggy back" on another government agency's public bid process (New Jersey State Police) for these same computers.

Another benefit to the Patrol PC solution is that RAMCO Rugged, the company responsible for the ordering, maintenance and repair of the Patrol PC computer, is in Orange County (Lake Forest), making the downtime of any computer minimal.

Pursuant to Garden Grove Municipal Code Section 2.50.060(d), the Finance Director has determined that the Patrol PC computer and related mounting equipment that is the subject of this proposed purchase can only be obtained through RAMCO Rugged.

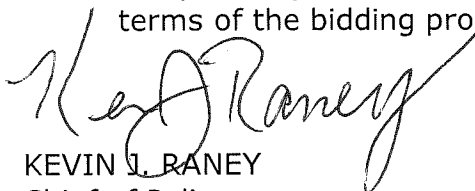
#### FINANCIAL IMPACT

The proposed cost is \$462,915.20. This cost includes 55 computer units, a five-year warranty on each computer unit, and related mounting equipment. Existing public safety-restricted funds previously approved by the City Council will be used to make this purchase.

#### RECOMMENDATION

It is recommended that the City Council:

- Authorize the Finance Director to issue a Purchase Order to RAMCO Rugged, in the amount not to exceed \$462,915.20, to purchase Patrol PC brand in-car computers (MCTS), consistent with and according to the pricing and contract terms of the bidding process of the New Jersey State Police.



KEVIN J. RANEY  
Chief of Police

AUTHORIZE THE ISSUANCE  
OF A PURCHASE ORDER TO RAMCO  
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TERMINALS (MCTS)

August 26, 2014

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By: Rebecca Meeks  
Communications Manager

Attachment 1: Quotes from RAMCO Rugged for in-car computers and related mounting equipment for the City of Garden Grove and quote and contract between New Jersey State Police and RAMCO Rugged.

Recommended for Approval



Matthew J. Fertal  
City Manager



Ramco Rugged Po  
 3894 Mannix Drive  
 Phone - 877-878-5943  
 Email - andy@ramcorugged.com

Account # GAR714  
 Quote # 1275896  
 Date 22-Apr-14  
 Page 1

Garden Grove Police Department  
 11301 Acacia Pkwy  
 Garden Grove, CA 92840

Terms Net 30 Days  
 Ship Via UPS Ground Coll  
 FOB Abacus  
 Reference #  
 Buyer Rebecca Meeks  
 Phone # 7147415904  
 Salesperson Andy Weber

Ln #	Item # / Customer Item # Description	Mfg / DC	Ship Date Request Date	Quantity	Unit Price	Ext Price
1	PPC-RT12I-G3-QR Quick Release Option PatrolPC Core i Intel Generation 3 - (12.1" Sunlight Readable Display - Approximately 1200NITS, Ultra Armour Glass-On-Glass Touch Screen, 2.4 GHz Core i3 2 core, removable 120 GB SSD, 4 GB DDR3-1600 RAM, No OS, 1 10/100/1G Ethernet, 9 USB 2.0, 2 Mini-PCIe half card slots, Quick Release port consolidator, Internal Battery, 10 AMP Ft Fused Power Cable, 3yr Warranty)	PATPC	ASAP Drop Ship	55	4,870.00000	267,850.00
3	PPC-ISCAN Internal 2D Law Enforcement Imaging Scanner	PATPC	ASAP Drop Ship	55	530.00000	29,150.00
4	PPC-W-7P32 Windows 7 Pro - 32Bit OS	PATPC	ASAP Drop Ship	55	225.00000	12,375.00
5	PPC-802-GBI Internal Wireless 802.11 2.45Ghz B/G/N + Bluetooth w/internal antennas	PATPC	ASAP Drop Ship	55	149.00000	8,195.00
6	PPC-RT-12-5YR upgrade to 5 year extended computer warranty	PATPC	ASAP Drop Ship	55	655.00000	36,025.00
7	PPC-COREI-2ETH 2nd and 3rd 10/100/1000 Base-T Ethernet Port	PATPC	ASAP Drop Ship	55	235.00000	12,925.00
8	PPC-SBC-KB Rugged Backlit Keyboard - TG3 82 Key Backlit Red Illuminated Keyboard with Touchpad/Coiled Cord - 1 year manufacturers warranty	TG3	ASAP Drop Ship	55	275.00000	15,125.00
9	TPM BIOS CHIP INSTALLED	PATPC	ASAP Drop Ship	55	0.00000	0.00

<b>TOTAL</b>	<b>381,645.00</b>
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**QUOTE VALID FOR 240 DAY(S)**

Authorized Signature



Ramco Rugged Portables  
 3894 Mannix Drive #208  
 Phone - 877-878-5943  
 Email - andy@ramcorugged.com

# QUOTATION

Account # GAR714  
 Quote # 1288351  
 Date 19-Aug-14  
 Page 1

Garden Grove Police Department  
 11301 Acacia Pkwy  
 Garden Grove, CA 92840

**Terms** Net 30 Days  
**Ship Via** UPS Ground Coll  
**FOB** Abacus  
**Reference #**  
**Buyer** Rebecca Meeks  
**Phone #** 714 741-5904

**Salesperson** Andy Weber

Ln #	Item # / Customer Item # Description	Mfg / DC	Ship Date Request Date	Quantity	Unit Price	Ext Price
1	PPC-PIU-INDASH In Dash Hint Mount for the Ford Interceptor SUV	HINT	3 Wks	55	310.00000	17,050.00
2	KM-5030-TG3 Hint Keyboard Tray for TG3 Keyboard	HINT	2 Wks	55	275.00000	15,125.00

<b>TOTAL</b>	<b>32,175.00</b>
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**QUOTE VALID FOR 7 DAY(S)**

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 Authorized Signature



Ramco Rugged Portables  
 3894 Mannix Drive #208  
 Phone - 877-878-5943  
 Email - andy@ramcorugged.com

# QUOTATION

Account # GAR714  
 Quote # 1287237  
 Date 08-Aug-14  
 Page 1

Garden Grove Police Department  
 11301 Acacia Pkwy  
 Garden Grove, CA 92840

Terms Net 30 Days  
 Ship Via UPS Ground Coll  
 FOB Abacus  
 Reference #  
 Buyer Rebecca Meeks  
 Phone # 7147415904

Salesperson Andy Weber

Ln #	Item # / Customer Item # Description	Mfg / DC	Ship Date Request Date	Quantity	Unit Price	Ext Price
1	C-SBX-101 Havis Universal Storage Box for Utility Vehicles	HAVIS	3 Wks	55	498.89000	27,438.95
2	CC-PI-L-18 Troy Products Ford P.I. Sedan Console	TROY	3 Wks	55	393.75000	21,656.25

<b>TOTAL</b>	<b>49,095.20</b>
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**QUOTE VALID FOR 7 DAY(S)**

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 Authorized Signature

**Advanced Electronic Design dba PatrolPC Q3 2013 Parts & Price List Addendum NJ State Contract # A**

Date: **9/20/2013**

Description	MSRP	NJ State Contract Price
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**CORE I TABLET COMPUTER & OPTIONS**

Description	MSRP	NJ State Contract Price
<b>CORE I TABLET COMPUTER &amp; OPTIONS</b>		<b>MSRP Less 25%</b>
PatrolPC Core i Intel Generation 2 FIXED MOUNT COMPUTER featuring PortscapeTM mounting - (12.1" Sunlight Readable Display - Approximately 1200NITS, Ultra Armour Glass-On-Glass Touch Screen, 2.2 GHz Core i3 2 core, removable 120 GB SSD, 4 GB DDR3-1600 RAM, No OS, 1 10/100/1G Ethernet, 9 USB 2.0, HDMI, 2 audio ports, 2 Mini-PCIe half card slots, 10 AMP 6 Ft Fused Power Cable, 3yr Warranty)	\$ 5,966.00	\$ 4,474.50
PatrolPC Core i Intel Generation 3 - (12.1" Sunlight Readable Display - Approximately 1200NITS, Ultra Armour Glass-On-Glass Touch Screen, 2.4 GHz Core i3 2 core, removable 120 GB SSD, 4 GB DDR3-1600 RAM, No OS, 1 10/100/1G Ethernet, 9 USB 2.0, 2 Mini-PCIe half card slots, Quick Release port consolidator, Internal Battery, 10 AMP 6 Ft Fused Power Cable, 3yr Warranty)	\$ 6,877.00	\$ 5,157.75
PatrolPC Core i Intel Generation 3 - (12.1" Sunlight Readable Display - Approximately 1200NITS, Ultra Armour Glass-On-Glass Touch Screen, 2.4 GHz Core i3 2 core, removable 120 GB SSD, 4 GB DDR3-1600 RAM, No OS, 1 10/100/1G Ethernet, 9 USB 2.0, 2 Mini-PCIe half card slots, Quick Release port consolidator, NO Internal Battery or battery charger, 10 AMP 6 Ft Fused Power Cable, 3yr Warranty)	\$ 6,446.00	\$ 4,834.50
Upgrade to Gen 2 2.5Ghz Core i5 Processor 2 core (in Gen 2 motherboards only)	\$ 312.00	\$ 234.00
Upgrade to Gen 2 2.1Ghz Core i7 Processor 4 core (in Gen 2 motherboards only)	\$ 829.00	\$ 621.75
Upgrade to Gen 3 2.7Ghz Core i5 Processor 2 core (in Gen 3 motherboards only)	\$ 312.00	\$ 234.00
Upgrade to Gen 3 2.3Ghz Core i7 Processor 4 core (in Gen 3 motherboards only)	\$ 829.00	\$ 621.75
Portscape Graphic Overlay for Vertical (Portrait) Orientation	NC	NC
Windows 7 Pro 32 bit w/Win 7 Pro COA	\$ 312.00	\$ 234.00
Windows 7 Pro 64 bit w/Win 7 Pro COA	\$ 312.00	\$ 234.00
Windows 7 Ultimate 32 bitw/Win 7 Ultimate COA	\$ 405.00	\$ 303.75
Windows 7 Ultimate 64 bit w/Win 7 Ultimate COA	\$ 405.00	\$ 303.75
Windows 7 Pro downgraded to XP 32 bit w/Win 7 and XP COA's	\$ 345.00	\$ 258.75
Internal Wireless 802.11 2.45Ghz B/G/N w/external SMA antenna jack	\$ 166.00	\$ 124.50
Internal Wireless 802.11 2.45Ghz B/G/N w/external SMA antenna jack + Bluetooth w/internal antenna	\$ 249.00	\$ 186.75
Internal Wireless 802.11 2.45Ghz B/G/N w/internal antenna	\$ 166.00	\$ 124.50
Internal Wireless 802.11 2.45Ghz B/G/N + Bluetooth w/internal antennas	\$ 208.00	\$ 156.00
Internal Wireless 802.11 Dual band 2.45/5.0Ghz B/G/N w/external SMA antenna jack	\$ 216.00	\$ 162.00
Internal Wireless 802.11 Dual band 2.45/5.0Ghz B/G/N w/external SMA antenna jack + Bluetooth w/internal antenna	\$ 299.00	\$ 224.25
Internal Wireless 802.11 Dual band 2.45/5.0Ghz B/G/N w/internal antenna	\$ 216.00	\$ 162.00
Internal Wireless 802.11 Dual band 2.45/5.0Ghz B/G/N + Bluetooth w/internal antennas	\$ 257.00	\$ 192.75
Internal GPS w/internal antenna	\$ 332.00	\$ 249.00





	PPC-PSGO	NC	NC
Portscope Graphic Overlay for Vertical (Portrait) Orientation			
Windows 7 Pro 32 bit w/Win 7 Pro COA		\$ 312.00	\$ 234.00
Windows 7 Pro 64 bit w/Win 7 Pro COA		\$ 312.00	\$ 234.00
Windows 7 Ultimate 32 bitw/Win 7 Ultimate COA		\$ 405.00	\$ 303.75
Windows 7 Ultimate 64 bit w/Win 7 Ultimate COA		\$ 405.00	\$ 303.75
Windows 7 Pro downgraded to XP 32 bit w/Win 7 and XP COA's		\$ 345.00	\$ 258.75
Internal Wireless 802.11 2.45Ghz B/G/N w/external SMA antenna jack		\$ 166.00	\$ 124.50
Internal Wireless 802.11 2.45Ghz B/G/N w/external SMA antenna jack + Bluetooth w/internal		\$ 249.00	\$ 186.75
Internal Wireless 802.11 2.45Ghz B/G/N w/internal antenna		\$ 166.00	\$ 124.50
Internal Wireless 802.11 2.45Ghz B/G/N + Bluetooth w/internal antennas		\$ 208.00	\$ 156.00
Internal GPS w/internal antenna		\$ 332.00	\$ 249.00
Internal GPS w/external SMA antenna jack		\$ 332.00	\$ 249.00
Internal Wireless 802.11 Dual band 2.45/5.0Ghz B/G/N w/external SMA antenna jack		\$ 216.00	\$ 162.00
Internal Wireless 802.11 Dual band 2.45/5.0Ghz B/G/N w/external SMA antenna jack +		\$ 299.00	\$ 224.25
Internal Wireless 802.11 Dual band 2.45/5.0Ghz B/G/N w/internal antenna		\$ 216.00	\$ 162.00
Internal Wireless 802.11 Dual band 2.45/5.0Ghz B/G/N + Bluetooth w/internal antennas		\$ 257.00	\$ 192.75
Upgrade from 4GB RAM to 8 GB RAM		\$ 249.00	\$ 186.75
Ambient Light Sensor		\$ 166.00	\$ 124.50
Fingerprint Scanner		\$ 332.00	\$ 249.00
Internal 2D Law Enforcement Imaging Scanner		\$ 744.00	\$ 558.00
Internal 2D Law Enforcement Imaging Scanner w/EZDL Plug-In		\$ 890.00	\$ 667.50
Upgrade from 320GB to 120GB SATA III SSD (Solid State Hard Drive)		\$ 322.00	\$ 241.50
Upgrade from 320GB to 240GB SATA III SSD (Solid State Hard Drive)		\$ 643.00	\$ 482.25
Upgrade from 320GB to 480GB SATA III SSD (Solid State Hard Drive)		\$ 1,285.00	\$ 963.75
Internal fan option (not with internal battery)		\$ 249.00	\$ 186.75
Internal 6600mAh LiOn Battery/UPS option (Uninterruptable Power Supply)(not with internal		\$ 519.00	\$ 389.25
Internal Skyus-4G LTE Cellular Modem with 2 SMA jack for external antennas (not with express		\$ 559.00	\$ 419.25
External Power Signal - to signal one external device when the computer is off		\$ 191.00	\$ 143.25
upgrade to 4 year extended computer warranty		\$ 691.00	\$ 518.25
upgrade to 5 year extended computer warranty		\$ 922.00	\$ 691.50
upgrade to 6 year extended computer warranty		\$ 1,382.00	\$ 1,036.50
upgrade to 7 year extended computer warranty		\$ 1,989.00	\$ 1,491.75
<b>STANDARD EXTERNAL ACCESSORIES</b>			
Rugged Backlit Keyboard - TG3 KBA-BLT-5RBUVS 82 Key Backlit Red Illuminated Keyboard with		\$ 378.00	\$ 283.50
Touchpad - 1 year manufacturers warranty			
Rugged Backlit Keyboard - TG3 KBA-BLT-X3818-USB 82 Key Backlit Red Illuminated Keyboard		\$ 385.00	\$ 288.75
with Touchpad/Coiled Cord - 1 year manufacturers warranty			
Rugged Backlit Keyboard -Man/Machine Backlit Red Illuminated Keyboard with Touchpad - 3		\$ 519.00	\$ 389.25
year manufacturers warranty			
iKey Rugged Backlit Keyboard w/touchpad - 3 year manufacturers warranty		\$ 415.00	\$ 311.25

iKey Ultra-Thin Rugged Backlit Keyboard w/touchpad - 3 year manufacturers warranty	SB-87-TP	\$ 415.00	\$	311.25
iKey Rugged Small Footprint Backlit Keyboard w/touchpad - 3 year manufacturers warranty	SWB-86-TP	\$ 415.00	\$	311.25
Quick Release Port Consolidator - Quick Release mechanism with port consolidator for use with quick release option Core i computer	PPC-QRPC	\$ 498.00	\$	373.50
Spare 6600mAh LiOn Battery	PPC-W-BAT	\$ 312.00	\$	234.00
10 AMP 6 Ft Fused Power Cable	10-00518	\$ 110.00	\$	82.50
150W Adjustable A/C Power Adaptor US Plug (100-240VAC In, 12,15,16,18,19,20,22,24VDC Out)	PPC-150W-AC-ADJ	\$ 166.00	\$	124.50
1 year manufacturers warranty				
120W A/C Power Adaptor US Plug (100-240VAC In, 12VDC 10A Out) - 1 year manufacturers warranty	HR-091210A	\$ 112.00	\$	84.00
Spare removable 120 GB SSD hard drive for Core i	PPC-CISSD	\$ 363.00	\$	272.25
Spare removable 320 GB hard drive for Core i	PPC-CIHD	\$ 166.00	\$	124.50
1 Foot USB Extension Cable	PPC-USB-EXT-1	\$ 7.00	\$	5.25
6 Foot USB Extension Cable	PPC-USB-EXT-6	\$ 9.00	\$	6.75
USB GPS - 1 year manufacturers warranty	PPC-GPS-USB	\$ 150.00	\$	112.50
External SMA active GPS antenna with 15 ft. cord - for dashboard or other inside vehicle	PPC-GPS-SMA-ANT	\$ 83.00	\$	62.25
Sierra Wireless AirLink GX440 4G LTE Intelligent Gateway Trunk Modem w/DC Power Cable	GX-440	\$ 1,480.00	\$	1,110.00
Sierra Wireless AirLink GX440 4G LTE Intelligent Gateway Trunk Modem w/DC Power Cable and PCTEL GPS Multi-Band antenna, Black, External SMA active GPS/multi-band coverage: 700/800	GX-440W	\$ 1,687.00	\$	1,265.25
Antenna Plus AP-MULTIMAX low profile Cellular/PCS/LTE, WiFi (802.11 a b g n) & GPS	GSPHPMIMO	\$ 335.00	\$	251.25
Antenna Plus AP-CG low profile Cellular/PCS/LTE & GPS combination external antenna - 1 year warranty	AP-Multimax	\$ 373.00	\$	279.75
Quad-band Cellular Antenna SMA, High gain, 7.75" 2db gain swivel	AP-CG-Q-SL12-BL	\$ 179.00	\$	134.25
Quad-band Cellular Duck Antenna SMA, 2.25", 1db gain right angle	CEL-08347	\$ 22.00	\$	16.50
USB BlueTooth Module - 1 year manufacturers warranty	CEL-00675	\$ 17.00	\$	12.75
USB Audio Input/output adaptor - 1 year manufacturers warranty	PPC-BT-USB	\$ 25.00	\$	18.75
Serial To USB adaptor	PPC-USB-Audio	\$ 34.00	\$	25.50
PS2 to USB Adaptor	PPC-Ser-USB	\$ 34.00	\$	25.50
USB WiFi 802.11 a/b/g/n - 1 year manufacturers warranty	PPC-PS2-USB	\$ 34.00	\$	25.50
Anti-Reflective Screen Protector for 12.1" Display	PPC-USB-WiFi	\$ 150.00	\$	112.50
Table Top Stand Kit - Hint SM-1002/AP-2X4 Adesso AKB-410UB TouchPad Keyboard	4810LR-153-TLRK	\$ 744.00	\$	558.00
	PPC-ARSP-12	\$ 49.00	\$	36.75
	PPC-TTSK	\$ 498.00	\$	373.50
<b>BROTHER PRINTERS</b>				
PocketJet 6 PLUS ENGINE, 300dpi, integrated USB/IrDA	PJ623	\$ 614.00	\$	460.50
PocketJet 6 PLUS ENGINE, 300dpi, integrated USB/IrDA and Bluetooth	PJ663	\$ 695.00	\$	521.25
PocketJet 6 PLUS ENGINE, 300dpi, integrated USB/Wi-Fi (adhoc)	PJ673	\$ 778.00	\$	583.50
NiMH Battery for PocketJet 3 (Plus) and PocketJet 6 (PLUS)	PA-BT-500	\$ 62.00	\$	46.50
Extended use Li-Ion Battery for PocketJet 6 (Plus)	PA-BT-600LI	\$ 274.00	\$	205.50
Car Adapter - Wired - 6 Foot Length for PocketJet 3 (PLUS), PocketJet 6 (PLUS) and Rugged Jet 4	1-050-100102-1-A	\$ 110.00	\$	82.50

Premium Roll Paper - 20 Year Archiveability 6 Rolls Per Pack (100 pages per roll)	LB3787	\$	85.00	\$	63.75
Premium Perforated Roll - 20 Year Archiveability 6 Rolls Per Pack (100 pages per roll)	LB3788	\$	97.00	\$	72.75
Weatherproof Perforated Roll - 20 Year Archiveability - 6 Rolls Per Pack (100 pages per roll)	LB3664	\$	259.00	\$	194.25
USB Cable - 6 foot length for Pocketlet 3 (PLUS), Pocketlet 6 (PLUS) Right Angle	USB2HABM6RA	\$	15.00	\$	11.25
USB Cable - 6 foot length for Pocketlet 3 (PLUS), Pocketlet 6 (PLUS) Left Angle	USB2HABM6LA	\$	15.00	\$	11.25
<b>HINT MOUNTS</b>					
Pedestal or off-console mounting system for make year police vehicle	TM-5502-PPC-make-year	\$	781.00	\$	585.75
Twin Arm System with Telescopic Post, G.R.I.P tilt/swivel and underseat base for Chevy Tahoe	TM-2505-TAH	\$	511.00	\$	383.25
Adjustable locking laptop Tray with Side Lock	ALT-LT103	\$	310.00	\$	232.50
Mount for PPC Tilt/Swivel for Ford Crown Vic Radio Cavity	TM-5120-PPC-CV	\$	343.00	\$	257.25
Keyboard Mount w/Side Mounting Plate, Telescopic Post and Double Arm w/G.R.I.P. Tilt/Swivel	KM-5030-TG3	\$	373.00	\$	279.75
Keyboard Mount w/Side Mounting Plate, Telescopic Post and Double Arm w/G.R.I.P. Tilt/Swivel	KM-5030-M779	\$	373.00	\$	279.75
Keyboard swing mount for Crown Victoria	TM-5001-CV	\$	405.00	\$	303.75
Monitor Mount w/Flat Base and Fixed Height	TM-5101	\$	305.00	\$	228.75
Keyboard Tray with Flat Mounting	KM-5000-AKT-B	\$	221.00	\$	165.75
Keyboard Mount with Telescopic Post and Double Arm with G.R.I.P. Tilt/Swivel for DODGE	KM-5001-TG3-CHAR	\$	405.00	\$	303.75
Printer Mount with Drop Down Action and Mounting Base for Vehicle's Cage	SP-6013	\$	398.00	\$	298.50
Base for make	TM-5500-make-B	\$	232.00	\$	174.00
Post and Arm with Articulation for 5502 Display (Specify Vehicle Type)	TM-550-PAAD	\$	145.00	\$	108.75
Post and Double Arm with articulation for 5502 Keyboard	TM-5500PAAK	\$	206.00	\$	154.50
Adjustable Keyboard Tray for TG3 Keyboard	TM-5500-AKT	\$	131.00	\$	98.25
Ford Police Interceptor Sedan In Dash Mount (TM-5124-PIU/DH-PPC)(computer mount only, order keyboard tray separately if needed (KM-5030-xx?))	PPC-PIU-InDash	\$	599.00	\$	449.25
Ford Police Interceptor Utility In Dash Mount (TM-5124-PIU/DH-PPC)(computer mount only, order keyboard tray separately if needed (KM-5030-xx?))	PPC-PIU-InDash	\$	764.00	\$	573.00
Display Holder for PatrolIPC	DH-PPC	\$	125.00	\$	93.75
<b>HAVIS MOUNTS</b>					
Havis in dash tilt and swivel	c-dmm-102	\$	224.00	\$	168.00
Adaptor bracket	c-mm-206	\$	54.00	\$	40.50
Monitor bracket	c-mm-301	\$	45.00	\$	33.75
Mounting base	c-tcb-1	\$	208.00	\$	156.00
Action adaptor	c-3075-3s	\$	121.00	\$	90.75
Keyboard mount	c-3329-unv	\$	232.00	\$	174.00
Havis Ford Crown Victoria Swing out dash monitor mount base	c-dmm-101	\$	380.00	\$	285.00
Havis Ford Police Interceptor Sedan Swing out dash monitor mount base	c-dmm-122	\$	380.00	\$	285.00
Havis Ford Police Interceptor Utility Swing out dash monitor mount base	c-dmm-123	\$	380.00	\$	285.00
Radio relocation Bracket 9"	C-EB40-RCV-1P	\$	47.00	\$	35.25
08-10 dodge Charger Tilt/swivel	C-DMIM-104	\$	224.00	\$	168.00

Monitor Bracket	C-MIM-302	\$	60.00	\$	45.00
Action Adapter, Swing arm	c-sm-sa-1	\$	156.00	\$	117.00
Action Adapter, loll Swivel	c-md-202	\$	115.00	\$	86.25
Havis Charge Guard	PPC-CGRD	\$	116.00	\$	87.00
Universal Telescoping Computer Base	C-TCB-7	\$	143.00	\$	107.25
Keyboard base mount	c-kbm-101	\$	97.00	\$	72.75
BASE,VMT,HDM,OPT,SPRT,SP	C-HDM-401	\$	44.15	\$	58.87
POLE,TELE,HDM,OPT,PLT,SP	C-HDM-403	\$	46.87	\$	62.49
DEVMT,MINTR,UNVMT,BASE,	C-UJMM-101	\$	46.87	\$	62.49
PKG,BASE,VMT,HDM,TAH,00-13	PKG-PSM-102	\$	203.77	\$	271.69
Device mount, keyboard	c-kbn-101	\$	135.00	\$	101.25
<b>Data 911 CONVERSION CROWN VIC</b>					
PatrolPC Rugged Tablet (DRT-M3)	C-MM-206	\$	54.00	\$	40.50
Adapter Bracket #1 (CROWN VIC, EXPLORER, NISSAN-HYBRID, UNIVERSAL MONITOR BASE)	C-MM-301	\$	45.00	\$	33.75
<b>LEM PRINTER MOUNTS</b>					
Headrest Mount for Brother PocketJet	VHPM-BPJ	\$	282.00	\$	211.50
Console Mount for Brother PocketJet	VCPM-BPJ	\$	282.00	\$	211.50
Partition Mount for Brother PocketJet	VPPM-BPJ	\$	282.00	\$	211.50
PRINTER MOUNT CONVERSION KIT: Headrest Mounting Kit	VHMK	\$	67.00	\$	50.25
PRINTER MOUNT CONVERSION KIT: Console Mounting Kit	VCMK	\$	67.00	\$	50.25
PRINTER MOUNT CONVERSION KIT: Partition Mounting Kit	VPMK	\$	67.00	\$	50.25
<b>OTHER PARTS &amp; SERVICES</b>					
Lind Power Supply - 1 year manufacturers warranty	PA1580-1887	\$	290.00	\$	217.50
Adaptor Plate to convert a Data 911 display mount to accept a PatrolPC rugged tablet	PPC-Adaptor-Plate-911	\$	52.00	\$	39.00
Computer mount and Printer install	iPPC-install-mprt	\$	456.00	\$	342.00
Printer Install	iPPC-install-prnt	\$	208.00	\$	156.00
modem, antenna and charge guard Install	iPPC-install-mdm	\$	249.00	\$	186.75
Computer Mount Install	PPC-install-mount	\$	365.00	\$	273.75
PatrolPC Installation Travel per hour	XT-02	\$	60.00	\$	45.00
Common Carrier Ground Shipping for Computer Unit and/or Dock	PPC-Ship-CD	\$	54.00	\$	40.50
Common Carrier Ground Shipping for Keyboard	PPC-Ship-Keyboard	\$	20.00	\$	15.00
Common Carrier Ground Shipping for Mount	PPC-Ship-Mount	\$	30.00	\$	22.50
<b>REPAIR/UPGRADE</b>					
Factory upgrade from Lite to Full motherboard reusing all other components	PPC-UP-L-F	\$	1,508.00	\$	1,131.00
Factory upgrade from Gen 2 to Gen 3 motherboard, includes Gen 3 Core i3 processor, all other	PPC-UP-2-3	\$	1,658.00	\$	1,243.50
Ultra Armour Glass-On-Glass Touchscreen Replacement	PPC-R-GTS-UA	\$	348.00	\$	261.00
Film-On-Glass Touchscreen Replacement	PPC-R-GTS-FG	\$	348.00	\$	261.00
Dual Core Hard Drive Replacement	PPC-DC-HD	\$	166.00	\$	124.50
Repair Labor per Hour	PPC-RL	\$	83.00	\$	62.25

<b>WATCHGUARD VIDEO</b>				
<b>In-Car Hardware Warranty Kits</b>				
4RE HD In-Car Video System includes: DVR with 3 camera support, Zero Sightline HD front camera, infrared backseat camera, Hi-Fi wireless microphone kit, cabin microphone, display, 16GB removable USB, crash detection, GPS, 3-year warranty, Evidence Library Express, cables and brackets	WG 4RE BASE PACKAGE WITH 3 YR WARRANTY		6,365.00	4,774.00
Upgrade 4RE to wireless upload capability 802.11n 5GHz. Requires Evidence Library 3 software or higher	4RE WIFI UPGRADE		250.00	188.00
Upgrade 4RE DVR to Elite version supporting up to 6 cameras	4RE ELITE UPGRADE		\$ 340.00	\$ 255.00
Upgrade front camera to HD zoom camera	4RE ZOOM UPGRADE		\$ 250.00	\$ 188.00
Upgrade to dual Hi-Fi wireless microphones	DUAL MIC UPGRADE		\$ 980.00	\$ 735.00
<b>In-Car Hardware Warranty</b>				
Warranty, 4RE, In-Car, 5th Year (Months 37-60)	WGW00128		\$ 965.00	\$ 724.00
<b>Evidence Library 3 Software</b>				
Evidence Library 3 Server Software License Key (per location)	WGP01092-004		1,250.00	\$ 938.00
Evidence Library 3 Client Software License Key (per PC)	WGP01092-008		\$ 90.00	\$ 68.00
<b>Evidence Library Software Warranty</b>				
Software Protection, Evidence Library 3, Year-1 (per 4RE)	WGW00123		\$ 115.00	\$ 87.00
Software Protection, Evidence Library 3, Year-2 (per 4RE)	WGW00134-200		\$ 115.00	\$ 87.00
Software Protection, Evidence Library 3, Year-3 (per 4RE)	WGW00134-300		\$ 115.00	\$ 87.00
Software Protection, Evidence Library 3, Year-4 (per 4RE)	WGW00134-400		\$ 115.00	\$ 87.00
Software Protection, Evidence Library 3, Year-5 (per 4RE)	WGW00134-500		\$ 115.00	\$ 87.00
<b>Additional Options</b>				
Camera Assy, Auxiliary, Gimble Bracket Assy, 4RE	WGA00485		\$ 185.00	\$ 139.00
4RE, Mobile App License Key	WGP01092-009		\$ 60.00	\$ 45.00
4RE, Power Over Ethernet / Gigabit 4-port Switch (required when including both WiFi and Mobile App)	WGA00391		185.00	139.00
Hi-Fi Microphone Desktop Charger Kit 1 (Cradle and AC Charger)	WGA00475-CHARGEKIT		\$ 125.00	\$ 94.00
Transmitter, Hi-Fi Microphone (additional)	WGA00356		\$ 430.00	\$ 323.00
<b>Servers and Storage Hard Drives</b>				
Tower Server, Intel i5 3.20 GHz, 8GB RAM, 3x2TB SATA 7,200 RPM drives, 3.5TB usable video storage, Windows 7 Pro 64-bit, SQL Server 2008 R2 (1CAL), 3-Year full service (on-site or reimbursed) warranty.	WGA00421-300		4,360.00	3,270.00
3U Rack Mount 16 SATA Drive Server, Intel Xeon E5620 2.4 GHz, 6GB RAM, 5x500GB SATA 7,200 RPM drives (boot/sql), Windows Server 2008R2 64-bit, SQL Server 2008 R2 (1CAL), 3-Year full service (on-site or reimbursed) warranty.	WGA00421-101		8,265.00	6,199.00
3U Rack Mount 16 SATA Drive Server, Intel Xeon E5620 2.4 GHz, 6GB RAM, 5x500GB SATA 7,200 RPM drives (boot/sql), Windows Server 2008 R2 64-bit, SQL Server 2008 R2 (5CAL), 3-Year full service (on-site or reimbursed) warranty.	WGA00421-102		8,675.00	6,507.00
3U Rack Mount 16 SATA Drive Server, Intel Xeon X5650 2.66 GHz, 12GB RAM, 5x500GB SATA 7,200 RPM drives (boot/sql), Windows Server 2008 R2 64-bit, SQL Server 2008 R2 (5CAL),	WGA00421-201		9,910.00	7,433.00
Hard Drive, Server, 3TB, 7,200, 64MB cache 4RE	WGA00422-300		\$ 685.00	\$ 514.00
Hard Drive, Server, 4TB, 7,200, 64MB cache 4RE	WGA00422-400		\$ 850.00	\$ 638.00

Storage, JBOD Enclosure, 12-bay, 2U, includes SAS Cable	WGA00423	2,560.00	1,920.00
<b>Wireless Access Points</b>			
WiFi Access Point, 802.11n, 5GHz, Sector (includes PoE)	WGP01566	\$ 310.00	\$ 233.00
<b>HONEYWELL BATTERIES</b>			
HONEYWELL XTS3000/5000 BATTERY (ALSO FITS EFJ) 7.5V 4000mAh NiMH	H8299-M(40)	\$ 56.84	\$ 42.63
HONEYWELL INTRINSICALLY SAFE XTS3000/5000 BATTERY (ALSO FITS EFJ) 7.5V 4000mAh FM APPROVED	HIS8299-M(40)	\$ 66.00	\$ 49.50
HONEYWELL XTS3000/5000 BATTERY (ALSO FITS EFJ) 7.5V 3800mAh Li Ion	H8610-Li(38)	\$ 96.67	\$ 72.50
HONEYWELL XTS3000/5000 NEOCELL BATTERY (ALSO FITS EFJ) 7.5V 4100mAh NEOCELL Li Polymer	H8610-LiP(41)	\$ 100.00	\$ 75.00
HONEYWELL XTS1500/2500 BATTERY 7.5V 2700mAh NiMH	H9858-M(27)	\$ 69.87	\$ 52.40
HONEYWELL SINGLE BAY DESKTOP CHARGER FOR XTS PORTABLES TRI-CHEM for XTS2500/XTS5000 & EFJ	PATRIOT1NU	\$ 102.93	\$ 77.20
HONEYWELL SINGLE BAY VEHICULAR CHARGER FOR XTS PORTABLES TRI-CHEM FOR XTS3000/5000	PATRIOTDCNU	\$ 70.03	\$ 52.52
HONEYWELL 6 BAY GANG CHARGER FOR XTS PORTABLES TRI-CHEM for XTS2500/XTS5000 & EFJ	PATRIOT6NU	\$ 653.27	\$ 489.95
HONEYWELL XTS1500/2500 NEOCELL BATTERY 7.4V 3600mAh NEOCELL LiPolymer Intrinsically Safe	H9858-LiP	\$ 93.33	\$ 70.00
HONEYWELL APX6000/7000 NEOCELL BATTERY 7.4V 3000mAh NEOCELL LiPolymer Intrinsically Safe	H7038-LiP	\$ 126.00	\$ 94.50
HONEYWELL SINGLE BAY DESKTOP UNIVERSAL CHARGER TRI-CHEM FOR XTS/APX	HCH-APX1-CHG	\$ 113.33	\$ 85.00
HONEYWELL SIX BAY DESKTOP UNIVERSAL CHARGER TRI-CHEM FOR XTS/APX	HCH-APX6-CHG	\$ 695.33	\$ 521.50
HONEYWELL EMERGENCY OPERATIONS CHARGING CASE 12V or 24DC 120V or 240V AC FOR XTS	EOCC-XTS-12V	\$ 6,533.33	\$ 4,900.00
HONEYWELL EMERGENCY OPERATIONS CHARGING CASE 12V or 24DC 120V or 240V AC FOR H7038-LiP	EOCC-APX-12V	\$ 6,533.33	\$ 4,900.00
HONEYWELL EMERGENCY OPERATIONS CHARGING CASE 12V or 24DC 120V or 240V AC FOR P7100/7200	EOCC-P7100-12V	\$ 6,533.33	\$ 4,900.00
HONEYWELL P7100/P7200 NEOCELL BATTERY 7.4V 3600mAh NEOCELL Li Polymer Intrinsically Safe	HMA2104-LiP	\$ 102.92	\$ 77.19
HONEYWELL P7100/P7200 SINGLE BAY DESKTOP CHARGER TRI-CHEM	HCH-P7101-CHG	\$ 130.00	\$ 97.50
HONEYWELL P7100/P7200 VEHICULAR CHARGER TRI-CHEM	HCH-P7101DC-CHG	\$ 135.33	\$ 101.50
HONEYWELL P7100/P7200 4 BAY BATTERY CHARGER TRI-CHEM	HCH-P7104-CHG	\$ 555.33	\$ 416.50
HONEYWELL P7100/P7200 6 BAY GANG CHARGER TRI-CHEM	HCH-P7106-CHG	\$ 812.00	\$ 609.00
HONEYWELL P7540/P7300 NEOCELL BATTERY 7.4V 3100mAh NEOCELL Li Polymer Intrinsically Safe	HNPA9-LIP	\$ 81.25	\$ 65.00
HONEYWELL P5400/P7300 SINGLE BAY DESKTOP CHARGER TRI-CHEM	HCH-P7301-CHG	\$ 130.00	\$ 97.50
HONEYWELL P5400/P7300 6 BAY GANG CHARGER TRI-CHEM	HCH-P7306-CHG	\$ 812.00	\$ 609.00
<b>2D SCANNERS</b>			
EZ Driver's License Scanner w/ NJSP Software -USB Kit 1D -PDF417-2D-Type A Cable, no power supply color grey	MK4980-31A38-02-A	\$ 656.00	\$ 492.00
Internal 2D Law Enforcement Imaging Scanner	PPC-ISCAN	\$ 744.00	\$ 558.00
Internal 2D Law Enforcement Imaging Scanner w/EZDL Plug-In	PPC-ISCAN+EZDL	\$ 890.00	\$ 667.50
Internal 6600mAh LiOn Battery/UPS option (Uninterruptable Power Supply)(not with internal fan)	PPC-INTBAT	\$ 519.00	\$ 389.25
Microphone Style 2D Law Enforcement Imaging Scanner Convenience Kit - 1 year manufacturers warantee	4810LR-153-TLRK	\$ 744.00	\$ 558.00
LiTron Honeywell Scanner Unit 2G (3310G & 4910LR-151-LTRK)	PPC-4910LR	\$540.10	\$405.08



STATE OF NEW JERSEY

PROCUREMENT BUREAU
33 WEST STATE ST 9TH FL TRENTON, NJ 08625-0230
TERM CONTRACT

POLICE AND HOMELAND SECURITY EQUIPMENT
AND SUPPLIES - STATEWIDE

NUMBER : A81300
DATE : 04/27/12
BUYER : JACKIE KEMERY
PHONE : (609) 984-6239
EFFECTIVE DATE : 05/01/12
EXPIRATION DATE : 04/30/15
T-NUMBER : T0106
CONTRACTOR : ADVANCED ELECTRONICS DESIGN

ADVANCED ELECTRONICS DESIGN
DBA PATROL PC
344 JOHN DIETSCH BLVD
NORTH ATTLBORO MA 02763

VENDOR NO. : 043480281 00
VENDOR PHONE : (508)699-0458
FEIN/SSN : 043480281
REQ AGENCY : 822050
PROCUREMENT BUREAU
AGENCY REQ NO. :
PURCH REQ NO. : 1039379
FISCAL YEAR : 12
COMMODITY CODE : 68004
SOLICITATION # : 21817
BID OPEN DATE : 01/11/12

TERM CONTRACT FROM: 05/01/12 TO: 04/30/15 ESTIMATED AMOUNT: \$ 150,000.00

- 1. ORDERING PERIOD: CONTRACT BEGINNING ORDERING PERIOD IS:05/01/12
CONTRACT ENDING ORDERING PERIOD DATE IS:04/30/15
2. F.O.B. POINT: DESTINATION
3. DELIVERY DELIVERY WILL BE MADE WITHIN AS SPECIFIED ELSEWHERE UNLESS
SPECIFIED DIFFERENTLY ON EACH LINE OR UNLESS AN ALTERNATE
DELIVERY SCHEDULE IS INDICATED. AN ALTERNATE DELIVERY
SCHEDULE IS ENCLOSED HEREIN: YES
4. CASH DISCOUNT TERMS: CASH DISCOUNT TERMS ARE 25.00% 029 DAYS. NET 030 DAYS.
5. PERFORMANCE BOND: PERFORMANCE BOND REQUIRED: NO ; DATE REQUIRED 00/00/00
AMOUNT \$0 ; PERCENT OF CONTRACT 0.00%
6. RETAINAGE: RETAINAGE PERCENT IS 0.00%
7. COOPERATIVE PROC: THIS CONTRACT IS AVAILABLE FOR POLITICAL SUBDIVISION USE UNDER
THE COOPERATIVE PROCUREMENT PROGRAM YES
8. BID REFERENCE NO: YOUR BID REFERENCE NUMBER IS: 1593089
9. AWARDED LINES: YOU WERE AWARDED 1 LINES FROM THE SOLICITATION NUMBER 21817 .
THESE LINES ARE INCLUDED AS A PART OF THIS CONTRACT.

ALL TERMS AND CONDITIONS AS A PART OF SOLICITATION NUMBER 21817 INCLUDING ANY ADDENDA
THERETO AND ALSO INCLUDING THE BIDDER'S PROPOSAL AS ACCEPTED BY THE STATE ARE
INCLUDED HEREIN BY REFERENCE AND MADE PART HEREOF EXCEPT AS SPECIFIED HEREIN

THIS IS NOTICE OF ACCEPTANCE BY THE DIRECTOR OF THE DIVISION OF PURCHASE AND
PROPERTY ACTING FOR AND ON BEHALF OF THE STATE OF NEW JERSEY, OF THE OFFER
REFERENCED ABOVE BY YOUR FIRM WHOSE NAME AND ADDRESS APPEAR ABOVE.

BUYER

DATE

FOR DIRECTOR

DIVISION OF PURCHASE AND PROPERTY

DATE

USING AGENCIES CANNOT PROCESS INVOICES FOR PAYMENT OF DELIVERED
GOODS AND/OR SERVICES UNTIL THE PROPERLY EXECUTED BOND HAS BEEN
RECEIVED AND ACCEPTED BY THE PURCHASE BUREAU.

VENDOR COPY

PRICE SHEET		TERM CONTRACT			
PROCUREMENT BUREAU PURCHASE BUREAU STATE OF NEW JERSEY 33 WEST STATE ST 9TH FL PO BOX 230 TRENTON NJ 08625-0230		NUMBER : A81300 T-NUMBER : T0106  CONTRACTOR: ADVANCED ELECTRONICS DESIGN			PAGE  2
LINE NO.	COMMODITY/SERVICE DESCRIPTION	ESTIMATED QUANTITY	UNIT	UNIT PRICE OR PERCENT DISCOUNTS	EXTENDED AMT IF APPLICABLE
00242	UNLESS SPECIFIED OTHERWISE BELOW: SHIP TO: R1 STATE-WIDE ONLY  COMMODITY CODE: 680-97-021437 [POLICE AND PRISON EQUIPMENT AND SUPPLIES]  ITEM DESCRIPTION: AUDIBLE & VISUAL EMERGENCY SIGNAL SYSTEM BRAND: PAROL PC  P/L DATED: 1/1/12 - MSRP	1	EACH	25.00%	