



Lexington-Fayette Urban County of Government

Police Radio System
Invitation to Bid #13-2012



Post award modifications / clarifications to
LFUCG and Airport
5-1-2012



The only change to this document compared to the previous version concerns the change of scope and payment terms agreed with Airport as well as the maintenance price agreed with LFUCG.

In the course of the request discussed on 4/13/2012, Cassidian is pleased to provide the following clarifications and adjustments.

Failsoft

Cassidian understands the request and will provide the failsoft feature at no additional cost for all channels, including the 16 channel expansion for all sites.

Additional VPGate

Cassidian agrees to add one VPGate L1 at no additional cost at a location to be further agreed upon during the design.

Schedule - installation by 2013 is non-negotiable. Must be able to use the system and hold off radio acceptance testing and 10% payment until Q3 2013.

Cassidian agrees to provide beneficial use of the system after the burn in period.

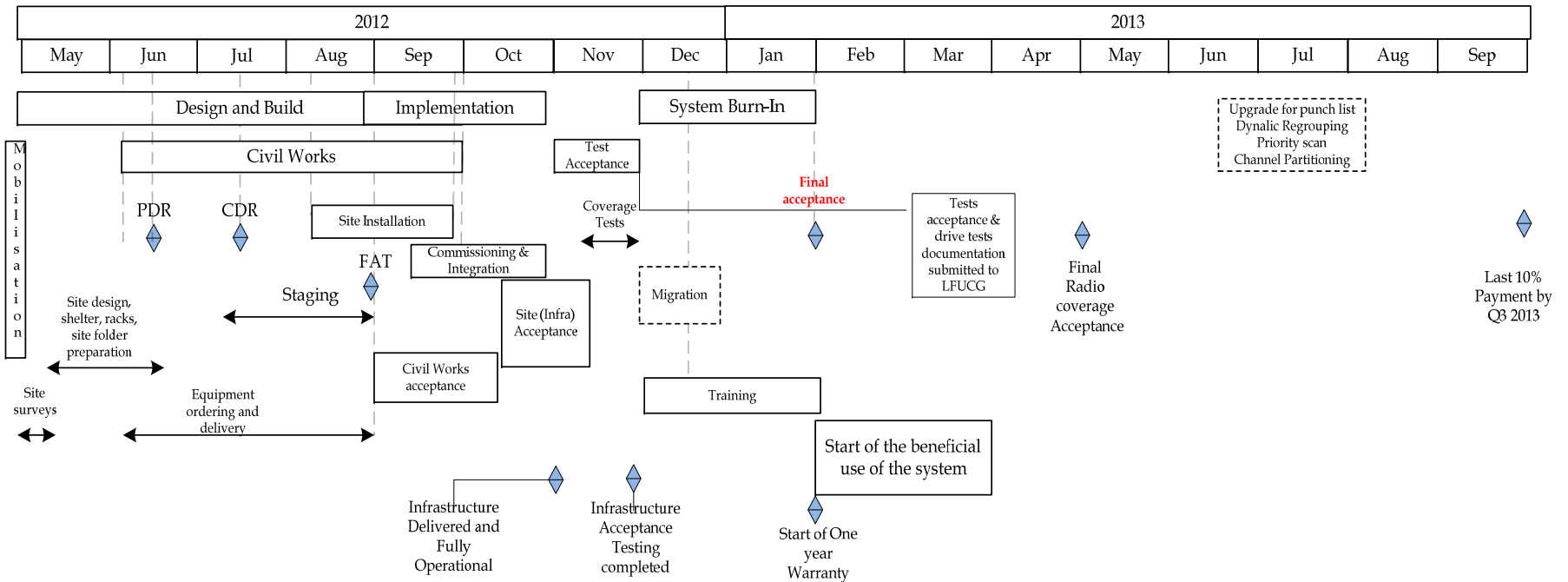
Start of warranty will occur as soon as LFUCG begins beneficial use of the system, following a series of agreed upon field tests to ensure satisfactory coverage and reliable infrastructure.

Cassidian agrees to defer the payment relative to the coverage acceptance under foliage conditions not to exceed Q3 2013. Payment milestone corresponding to the beginning of the Warranty is reduced from 20% to 10 % and 10% payment will be due at the end of the coverage acceptance test or at the latest in Q3 2013.

MILESTONE FOR INFRASTRUCTURE	PAYMENT PERCENTAGE
Design Review Completed	20%
Completion of System Factory Staging	10%
Infrastructure Delivered & Fully Operational	15%
Infrastructure Acceptance Testing Completed	20%
Infrastructure Test Document Submitted & Approved	5%
60-Day Burn-In Successfully Completed	10%
Warranty Begins Upon Final System Acceptance	10%
Voice Quality Coverage Acceptance Test (post-Final System Acceptance)	10%

Specific payment terms applies for Airport (see on page 6 and 7)
 An updated schedule is provided for reference below.

LFUCG and Airport High Level Project Schedule



Include Geographical redundancy.

Cassidian agrees to provide geographical redundancy of the Master Trunking Controllers (RFSS and ISSI Media Gateway), the Master Site Controller and the VPGate. The geo-redundant site location will be determined during the design phase.

Discount for initial purchase of dispatch equipment.

Cassidian agrees to provide a 5% discount on the initial purchase of the Avtec equipment after BAFO bottom line discount. See updated summary pricing sheet appended to the document.

Long term discount on Software and Hardware equipment

10% for Hardware and 30% for software as originally proposed. University of Kentucky, Lexington Fire Department, and any potential partners of LFUCG can utilize the amended contract to expand within three years.

Free licensing for console interface on future procurement.

Cassidian agrees to License interfaces for up to 50 console positions at no additional cost to LFUCG.

SW maintenance should include software refresh.

Cassidian will upgrade the software of the LFUCG system as needed during the software maintenance contract period.

LFUCG requires an 8th channel at no additional cost

Cassidian agrees to provide the 8th channel at no additional cost in exchange for UK Dispatch Backup radios (erroneously included in the original proposal by Cassidian) and 4 TAGS being removed from the BOM without change to the bottom line price provided in the original proposal.

Updated Cost Proposal Summary Page

Synthesis Post Award Dated 5/1/2012



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AFTER NEGOTIATION PROPOSAL	List Price Before Nego	BAFO Price Before Nego	BAFO Price After Nego	Balance
5% Discount on Avtec equipment				
IP Based Dispatch Console for Police	\$396,501	\$341,141	\$324,084	
IP Based Portable Dispatch Console	\$83,403	\$71,758	\$68,170	
IP Based Dispatch Console for Blue Grass Airport Police	\$43,216	\$37,182	\$35,323	
Instant Recall Recorders	\$39,309	\$33,821	\$32,130	
TOTAL Avtec equipment	\$562,428	\$483,902	\$459,707	-\$24,195
TOTAL DISCOUNT 5% on AVTEC EQUIPMENT				
One Level 1 VPGate for Airport				No charge
Failsoft for all channel and future extension				No charge
Geographical redundancy for the Master Trunking (RFSS and ISSI Media Gateway) and Master Site trunking controller				No charge
Cassidian will upgrade the software of the LFUCG system as needed during the contract period.				No charge
Deferred 10% payment for the radio acceptance tests in Q3 2013				No charge
8ch channel for 4 simulcast sites (provided UK PD Backup radio and 4 TAGs can be removed from the BOM)				No charge
BAFO Price				\$5,188,000
TOTAL AFTER NEGOTIATION				\$4,981,766
TOTAL Airport breakdown AFTER NEGOTIATION				\$397,476
TOTAL 911 Dispatch HQ breakdown AFTER NEGOTIATION				\$1,028,879
TOTAL LFUCG Remaining System breakdown AFTER NEGOTIATION				\$3,555,411

Post Award Discounted Maintenance

S/W Maintenance agreement year 2 and 3			No Charge
S/W Maintenance agreement year 4 to 10 (CPI applies after year 4)			\$120,900
Extended Warranty Services year 2 and 3 (No CPI)			\$95,500
Extended Warranty Services year 4 to 10 (CPI applies after year 4)			\$228,400

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Page 5

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Update of the Blue Grass Airport Cost

Blue Grass Airport Post Award - 5/1/2012



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BLUE GRASS AIRPORT									
Part Number	Description	Qty	Cassidian List Price	Cassidian Discount	Cassidian Discounted Unit Cost	Cassidian Discounted Extended Cost	Cassidian Discounted Extended Cost with bottom line discount	Payment Term Allocation	
Multicast Remote Site Trunking Controller Equipment							\$54,747	\$47,103.00	Payment 1
SE5000i E014	CORP25 Site Controllers - SUN NETRA T5220-1.2 GHz UltraSPARC T2 processor - 8 GB Memory - Internal (2) 146 GB 10K RPM SAS disk (Raid 1) - AC	1	\$13,947	0%	\$13,947	\$13,947			
	CORP25 S/W Package #5	1	\$51,000	20%	\$40,800	\$40,800			
Multicast Remote Site LAN, WAN Equipment							\$4,259	\$3,664.00	Payment 1
WS-C2960-24-S	Switch (24 ports)	3	\$518	0%	\$518	\$1,555			
CON-SNT-296024S	Cisco SmartNet NBD 8x5 - 1 YEAR for 2960	3	\$49	0%	\$49	\$146			
CISCO2911/K9	Router (2911)	1	\$2,054	0%	\$2,054	\$2,054			
CON-SNT-2911	Cisco SmartNet NBD 8x5 - 1 YEAR for 2911	1	\$504	0%	\$504	\$504			
Multicast Remote Site Sync Equipment							\$5,077	\$4,369.00	Payment 1
Cassidian will upgrade the LFUCG system as									
HR8540A	Spectracom 9383 NTP Server with 1 PPS and 10MHz	1	\$4,804	0%	\$4,804	\$4,804			
	Spectracom 8225 GPS antenna	1	\$274	0%	\$274	\$274			
Simulcast Remote Site Base Stations							\$83,300	\$71,670.00	Payment 1
TB55-A1-K4-1A	TB5500i UHF 700/800M 100W AC	3	\$20,700	0%	\$20,700	\$62,100			
TB55-A1-K4-1E	TB5500i UHF 700/800M 100W AC Failsoft	1	\$21,200	0%	\$21,200	\$21,200			
Multicast Remote Site Antenna System							\$29,552	\$25,426.00	Payment 2
DBCNRX-8AC	PDU/ 8 CH RX Multicoupler	1	\$3,699	0%	\$3,699	\$3,699			
DSCC85-04N	4 Channel Ceramic TX Cavity Combiner 700 MHz and 800 MHz	1	\$5,652	0%	\$5,652	\$5,652			
DB8922	50 ohm BNC male termination	1	\$6	0%	\$6	\$6			
ATS8TMA30	Tower Top Amplifier (806-824 MHz)	1	\$2,816	0%	\$2,816	\$2,816			
BMR-12-O-B1	Penetrator Omni Antenna, 12.0 dB, 806-869 MHz	2	\$5,074	0%	\$5,074	\$10,147			
SMK345-A7	Antenna Side Mount Kit, 7.5' max. from tower, max. 5' tower leg spacing	2	\$2,179	0%	\$2,179	\$4,358			
LDF5-50A	7/8 inch Heliax	300	\$5	0%	\$5	\$1,618			
IS-B50HN-C2-ME	PolyPhaser Surge Arrestor (N Female/ N Female)700 M to 2.7 GHz	2	\$82	0%	\$82	\$164			
WSH-U78	LDF5-50A Hanger Kits	15	\$18	0%	\$18	\$267			
SG78-06B2A	LDF5-50A Ground Kits	8	\$24	0%	\$24	\$191			
42396A-5	LDF7-50A Hanger Kits	6	\$29	0%	\$29	\$174			
CSGL5-15B4T	LDF7-50A Ground Kits	2	\$28	0%	\$28	\$55			
FSJ4-50B	1/2" Superflex Cable	40	\$4	0%	\$4	\$158			
DB8926	1 Watt N-type 50 Ohm load	11	\$22	0%	\$22	\$246			
Simulcast Remote Site Alarm Monitoring Equipment							\$3,171	\$2,728.00	Payment 2
SP8-X20	SNMP alarm aggregator	1	\$1,263	0%	\$1,263	\$1,263			
DSPM5C-DFE	RF Power monitor	1	\$1,908	0%	\$1,908	\$1,908			
Simulcast Remote Site Shelter Equipment							\$108,963		
Shelter	Supply of prefabricated two room concrete shelter (12'x18') furnished with all necessary materials including air-conditioning unit.	1	\$108,963	0%	\$108,963	\$108,963		Removed	
Simulcast Remote Site Back-up Power System							\$79,750		
Generator	Supply of the generator set, Diesel, 3 days backup	1	\$32,500	0%	\$32,500	\$32,500		Removed	
UPS/Battery	Supply of UPS backup 2 hours	1	\$47,250	0%	\$47,250	\$47,250	\$40,653.00	Payment 2	
Simulcast Remote Site Other Equipment							\$6,213	\$5,346.00	Payment 2
SPD-1066Rack	19InchOpenCabinet with top plate - Nut, Bolts and Tie Wraps - Caster kit-4 wheels	2	\$2,613	0%	\$2,613	\$5,226			
AP7831	Metered Rack PDU	2	\$493	0%	\$493	\$987			
Professional Services									
Project Management						\$45,680	\$39,302.00	Payment 2	
Engineering						\$26,953	\$23,190.00	Payment 2	
Staging, Optimization, Programming, Installation						\$74,786	\$64,343.00	Payment 3	
Site Development						\$70,117	Removed		
TOTAL Remote Multicast Site #1 Blue Grass AP Radio Equipment and services							\$592,569		

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IP Based Dispatch Console for Blue Grass Airport Police							\$43,216	\$37,182.00	Payment 3
CON-SCOUT-NENA	Scout Console package w/NENA deskset interface. Includes Media Workstation, single jack box, dual speakers, console and PM software, and serial cable. PC, Monitor, and other accessories not included.	1	\$15,311	0%	\$15,311	\$15,311			
ACC-TSC-19WS-PC	19" LCD touch screen for PC console - 16x9 format	1	\$1,534	0%	\$1,534	\$1,534			
ACC-CPU-WIN7	PC mini tower for PC Console Position, MS Windows 7 OS	1	\$1,534	0%	\$1,534	\$1,534			
ACC-HED-6W	Complete 6W Headset, Plantronics Supra Model H51 with plug-prong base.	1	\$463	0%	\$463	\$463			
ACCNET-MIC-DESK	Desk microphone for DSPatchNET/Scout consoles	1	\$722	0%	\$722	\$722			
ACCNET-FSW-WIDE	Wide treadle PTT footswitch, Scout or DSPatchNET VoIP Console Media Workstation	1	\$231	0%	\$231	\$231			
SFW-SCOUT-P25	P25 Scout console seat license to control P25 resources on VPGate (Requires SFW-VPG-P25-XX). One license per console position.	1	\$7,284	0%	\$7,284	\$7,284			
SFW-SCOUT-API	Software license for CAD API interface for Scout Console Positions. One required per console.	1	\$722	0%	\$722	\$722			
SFW-SCOUT-SDK	Scout CAD Software Developers Kit, includes documentation, Scout business layer access, CAD Simulator and 10 hours of Technical Support. (Note: Scout hardware not included)	1	\$15,415	0%	\$15,415	\$15,415			
Dispatch LAN, WAN Equipment							\$567	\$488.00	Payment 3
WS-C2960-24-S	Switch (24 ports)	1	\$518	0%	\$518	\$518			
CON-SNT-296024S	Cisco SmartNet NBD 8x5	1	\$49	0%	\$49	\$49			
Instant Recall Recorders							\$4,368	\$3,758.00	Payment 3
SFW-SCOUT-IRR	Software license for integrated, multi-channel IRR recorder for Scout Console Positions. One required per console.	1	\$4,368	0%	\$4,368	\$4,368			
Dispatch - Backup Radio Equipment - Blue Grass Airport							\$8,436	\$7,259.00	Payment 3
Tait TM9155	Control Station Radios only - does not include remote console	1	\$2,255	0%	\$2,255	\$2,255			
FSJ4-50B	1/2 inch superflex	100	\$4	0%	\$4	\$395			
F4PNMV2-HC	1/2 inch superflex connector	2	\$32	0%	\$32	\$63			
SC433-HF1SNF	Omni directional, 2.5 dBd Antenna	2	\$708	0%	\$708	\$1,416			
LDF4-50A	1/2" foam Heliax Cable	200	\$3	0%	\$3	\$526			
L4TNM-PSA	1/2" LDF connector	2	\$24	0%	\$24	\$47			
SG12-12B2U	Grounding Kit for 1/2" superflex	2	\$23	0%	\$23	\$47			
GK-S12	Grounding Kit for 1/2" LDF	4	\$18	0%	\$18	\$74			
IS-B50HN-C2-ME	PolyPhaser lightning arrester	2	\$82	0%	\$82	\$164			
1SKB-R908U20	SKB Roto Shock Case 19" rackable	3	\$743	0%	\$743	\$2,230			
1SKB-1916	SKB Lockable Swivel Caster kit	3	\$276	0%	\$276	\$829			
AP9562	APC rack power distribution unit	3	\$104	0%	\$104	\$312			
1SKB19-AC1	Rack mount hardware	3	\$26	0%	\$26	\$79			
Dispatch - System Management/Alarm Terminal							\$1,974	\$1,698.00	Payment 3
SE5000I E011	Fixed Work station	1	\$1,974	0%	\$1,974	\$1,974			
Professional Services									
Project Management						\$5,076	\$4,367.00	Payment 3	
Engineering						\$2,995	\$2,577.00	Payment 3	
Staging, Optimization, Programming, Installation						\$14,358	\$12,353.00	Payment 3	
TOTAL Remote Blue Grass AP Console Equipment and services							\$80,988		
TOTAL Blue Grass AP							\$673,557		
TOTAL Blue Grass AP after Post Award bottom line discount (pro-rated)							\$579,515		

Remove Site Equipment and Civils									
Shelter	Supply of prefabricated two room concrete shelter (12'x18") furnished with all necessary materials including air-conditioning unit.	1	\$108,963	0%	\$108,963	\$108,963			
Generator	Supply of the generator set, Diesel, 3 days backup	1	\$32,500	0%	\$32,500	\$32,500			
Site Development						\$70,117			
TOTAL Site Equipment and civils for Blue Grass Airport before bottom line discount							\$211,580		
TOTAL Site Equipment and civils for Blue Grass Airport after bottom line discount (pro-rated)							\$182,039		

TOTAL Blue Grass AP after Post Award bottom line discount (pro-rated) without Site Equipment and civils	\$397,476
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1st Payment Term for Airport due upon contract signature, 30 days following reception of the corresponding invoice	Payment 1	32%	\$126,806
2nd Payment Term for Airport due upon Final System Acceptance, 90 days following reception of the corresponding invoice	Payment 2	34%	\$136,645
3rd Payment Term for Airport due 1 year after Final System Acceptance, 90 days following reception of the corresponding invoice	Payment 3	34%	\$134,025

Summary for Dispatch HQ 911

LFUCG 911 Equipment and services Post Award - 4/17/2012



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911 Equipment at dispatch HQ						
Part Number	Description	Qty	Cassidian List Price	Cassidian Discount	Cassidian Discounted Unit Cost	Cassidian Discounted Extended Cost
IP Based Dispatch Console for Police						\$396,501
CON-SCOUT-NENA	Scout Console package w/NENA deskset	8	\$15,311	0%	\$15,311	\$122,488
ACC-TSC-19WS-PC	19" LCD touch screen for PC console - 16x9 format	8	\$1,534	0%	\$1,534	\$12,272
ACC-CPU-WIN7	PC mini tower for PC Console Position, MS Windows 7 OS	8	\$1,534	0%	\$1,534	\$12,272
ACC-HED-6W	Complete 6W Headset, Plantronics Supra Model H51 with plug-prong base.	8	\$463	0%	\$463	\$3,700
ACC-HED-TOP-SING-NC	Headset top, Plantronics Supra H51 monaural with noise canceling microphone. Requires base.	8	\$139	0%	\$139	\$1,110
ACCNET-MIC-DESK	Desk microphone for DSPatchNET/Scout consoles	8	\$722	0%	\$722	\$5,775
ACCNET-FSW-WIDE	Wide treadle PTT footswitch, Scout or DSPatchNET VoIP Console Media Workstation	8	\$231	0%	\$231	\$1,850
ACCNET-JKB-SING	Headset/handset jack box (single jack), Scout or DSPatchNET VoIP Console Media Workstation	8	\$656	0%	\$656	\$5,250
Cassidian will upgrade the LFUCG system as needed during the contract period						
SFW-SCOUT-P25	P25 Scout console seat license to control P25 resources on VPGate (Requires SFW-VPG-P25-XX). One license per console position.	8	\$7,284	0%	\$7,284	\$58,275
SFW-SCOUT-API	Software license for CAD API interface for Scout Console Positions. One required per console.	8	\$722	0%	\$722	\$5,775
ACC-UPS-30	Uninterruptable power supply for EMB or PC console. Rated for 30 minute holdup time.	8	\$1,071	0%	\$1,071	\$8,572
SFW-VPG-L2V1	Redundant VPGate Software License for a maximum of 80 endpoints; up to 40 may be "B" Licenses, Version 1.x. Includes CPS software license.	1	\$46,665	0%	\$46,665	\$46,665
SFW-VPG-P25-30	Supplementary VPGate P25 endpoint license, requires SFW-VPG-XXXX. Supports up to 30 each redundant conventional P25 endpoints.	1	\$65,618	0%	\$65,618	\$65,618
ACC-CPU-VPG-WIN7	Industrial 1U Computer with Windows including Solid State hard drive and Windows7 OS. Rack mount for Cabinets. Requires DISP-XXXX for monitor, keyboard, etc.	2	\$7,207	0%	\$7,207	\$14,415
OUTPOST-EDACS	Kit to add support 1 EDACS Radio. Includes hardware adapter, cabling, driver, and software license. Does not include Outpost	4	\$1,451	0%	\$1,451	\$5,804
OUTPOST-RJ-CONN	Connector for OUTPOST Radio port that supports RJ45 cable for 2/4W tone keying and E&M applications.	4	\$77	0%	\$77	\$308
PKG-IO-VPGATE	Input-Output Package for Scout and DSPatchNET, includes one each 24-input, one each 24-output rack mount panel and power supply. 25 pr cabling is optionally purchased, PKG-INST-AUX-XX.	1	\$5,832	0%	\$5,832	\$5,832
RR-72-38U	Two-post Relay Rack in clear aluminum finish, 72 inches in Height, 38U mounting space	1	\$917	0%	\$917	\$917
ACC-MTG-2U-RR	Kit to mount two (2) each ACC-CPU-VPG-WIN7 or -XP in 19" Relay Rack. 2U high.	1	\$578	0%	\$578	\$578
DISP-KVM-F-RR	1U LCD Folding Display, for Relay Rack. Includes Keyboard with trackpad and 8-port KVM	1	\$4,155	0%	\$4,155	\$4,155
OUTPOST-RACKMT-SHELF	3U Rack mount shelf (holds 1-4 Outposts)	1	\$254	0%	\$254	\$254
PKG-INST-AUX-25	Type 66 Cabling/Punch block kit to install one auxiliary I/O package, 25' cables	1	\$1,078	0%	\$1,078	\$1,078
PS-12V-3BAY-AC	Rack Mount 1U Universal AC input, 12VDC 900W output. N+1 Redundant supply with 3 hot-swap bays, 2 populated.	1	\$6,159	0%	\$6,159	\$6,159

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LFUCG 911 Equipment and services Post Award - 4/17/2012



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911 Equipment at dispatch HQ						
Part Number	Description	Qty	Cassidian List Price	Cassidian Discount	Cassidian Discounted Unit Cost	Cassidian Discounted Extended Cost
IP Based Portable Dispatch Console						\$83,403
CON-SCOUT-NENA	Scout Console package w/NENA deskset interface. Includes Media Workstation, single jack box, dual speakers, console and PM software, and serial cable. PC, Monitor, and other accessories not included.	3	\$15,311	0%	\$15,311	\$45,933
ACC-TSC-19WS-PC	19" LCD touch screen for PC console - 16x9 format	3	\$1,534	0%	\$1,534	\$4,602
ACC-CPU-WIN7	PC mini tower for PC Console Position, MS Windows 7 OS	3	\$1,534	0%	\$1,534	\$4,602
ACC-HED-6W	Complete 6W Headset, Plantronics Supra Model H51 with plug-prong base.	3	\$463	0%	\$463	\$1,388
ACCNET-MIC-DESK	Desk microphone for DSPatchNET/Scout consoles	3	\$722	0%	\$722	\$2,166
ACCNET-FSW-WIDE	Wide treadle PTT footswitch, Scout or DSPatchNET VoIP Console Media Workstation	3	\$231	0%	\$231	\$694
SFW-SCOUT-P25	P25 Scout console seat license to control P25 resources on VPGate (Requires SFW-VPG-P25-XX). One license per console position.	3	\$7,284	0%	\$7,284	\$21,853
SFW-SCOUT-API	Software license for CAD API interface for Scout Console Positions. One required per console.	3	\$722	0%	\$722	\$2,166
Dispatch LAN, WAN Equipment						\$1,134
WS-C2960-24-S	Switch (24 ports)	2	\$518	0%	\$518	\$1,037
CON-SNT-296024S	Cisco SmartNet NBD 8x5	2	\$49	0%	\$49	\$97
Instant Recall Recorders						\$34,942
SFW-SCOUT-IRR	Software license for integrated, multi-channel IRR recorder for Scout Console Positions. One required per console.	8	\$4,368	0%	\$4,368	\$34,942
Dispatch - Backup Radio Equipment - UK PD Dispatch						\$40,719
Tait TM9155	Control Station Radios only - does not include remote console	8	\$2,255	0%	\$2,255	\$18,037
FSJ4-50B	1/2 inch superflex	800	\$4	0%	\$4	\$3,158
SC433-HF1SNF	Omni directional, 2.5 dBd Antenna	4	\$708	0%	\$708	\$2,831
F4PNMV2-HC	N-Male 1/2" Superflex Cbl	16	\$32	0%	\$32	\$505
SG12-12B2U	Grounding Kit for 1/2"	4	\$23	0%	\$23	\$94
LDF4-50A	1/2" foam Heliax Cable	200	\$3	0%	\$3	\$526
GK-S12	Grounding KIT for 1/2" LDF	4	\$18	0%	\$18	\$74
HC113T1-8F	P25 Control Station Combiner	2	\$5,724	0%	\$5,724	\$11,447
DBCNRX-8AC	800 MHz Receiver Multicoupler	1	\$3,699	0%	\$3,699	\$3,699
DB8926	1 Watt N-type 50 Ohm load	8	\$23	0%	\$23	\$184
IS-B50HN-C2	PolyPhaser lightning arrestor	2	\$82	0%	\$82	\$164
Racked RF Control Stations interfaced into Dispatch Consoles for Backup - Dispatch Police						\$97,359
Tait TM9155	Control Station Radios only - does not include remote console	8	\$2,255	0%	\$2,255	\$18,037
FSJ4-50B	1/2 inch superflex	3600	\$4	0%	\$4	\$14,210
SY406-SF1SNM(ABK)	Yagi directional, 10 dBd, black anodized, 806-870 MHz	4	\$205	0%	\$205	\$818
SY307-SF1SNM(ABK)	Yagi directional, 10 dBd, black anodized, 403-430 MHz	2	\$205	0%	\$205	\$409
SY206-SF1SNM(E)	Yagi directional, 9.5 dBd, extended boom, 148-152 MHz	2	\$205	0%	\$205	\$409
F4PNF-C	N-Female 1/2" Superflex Cbl	8	\$28	0%	\$28	\$221
F4PNMV2-HC	N-Male 1/2" Superflex Cbl	34	\$32	0%	\$32	\$1,074
SG12-12B2U	Grounding Kit for 1/2"	12	\$23	0%	\$23	\$281
HC113T1-8F	P25 Control Station Combiner	1	\$5,724	0%	\$5,724	\$5,724
DSCC85-10N	800 MHz Combiner	1	\$14,131	0%	\$14,131	\$14,131
DP806869H	800 MHz Broadband Window Filter Duplexer	1	\$2,179	0%	\$2,179	\$2,179
DBCNRX-24AC	800 MHz Receiver Multicoupler	1	\$3,664	0%	\$3,664	\$3,664
DB4368-10-AA	UHF Combiner	1	\$16,740	0%	\$16,740	\$16,740
DB3626DX	6 cavity UHF Window Filter Duplexer	1	\$5,198	0%	\$5,198	\$5,198
DBMORX-16LC	UHF 16 Channel Receiver Multiplexer	1	\$1,686	0%	\$1,686	\$1,686
DB4348-5-B	VHF Combiner	1	\$10,131	0%	\$10,131	\$10,131
DBSMC1-8A	VHF 8 Channel Receiver Multiplexer	1	\$1,550	0%	\$1,550	\$1,550
DB8926	1 Watt N-type 50 Ohm load	14	\$23	0%	\$23	\$321
IS-B50HN-C2	PolyPhaser lightning arrestor	7	\$82	0%	\$82	\$575

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LFUCG 911 Equipment and services Post Award - 4/17/2012



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911 Equipment at dispatch HQ						
Part Number	Description	Qty	Cassidian List Price	Cassidian Discount	Cassidian Discounted Unit Cost	Cassidian Discounted Extended Cost
Dispatch Master Time Source						\$8,284
9389	NTP Server	1	\$3,480	0%	\$3,480	\$3,480
HR8529A	Spectracom 9383 NTP Server with 1 PPS and	1	\$4,804	0%	\$4,804	\$4,804
Dispatch - Analog Gateways Equipment						\$252,000
TB5GW3501	TB5 Trunked Analog Gateway 5 Ch AC/DC Power	10	\$25,200	0%	\$25,200	\$252,000
Dispatch - System Management/Alarm Terminal						\$3,947
SE5000i E011	Fixed Work station	2	\$1,974	0%	\$1,974	\$3,947
Simulcast Remote Site Microwave Equipment						\$27,737
15R-IDC-ETH-Extend	1500R IDC with Eth WSC Extended	2	\$700	0%	\$700	\$1,400
15R-155-MM/SC-WXP	1500R IDM 155M MM/SC With XPIC	2	\$2,200	0%	\$2,200	\$4,400
15R-IDU	1500R IDU chassis	2	\$167	0%	\$167	\$333
15R-BLANK	1500R IDM Blank Panel	2	\$18	0%	\$18	\$37
CVEM	CeraView Element Manager 2.51	1	\$153	0%	\$153	\$153
RFU-HP-1R-6L	RFU-HP 6LG 1Rx up to 56M SM / All Indoor	1	\$4,083	0%	\$4,083	\$4,083
OCB-Pole Mount	OCB-Pole Mount	1	\$200	0%	\$200	\$200
15HP-TERM-137	1500HP 50 Ohm Termination,WR137	1	\$102	0%	\$102	\$102
15HP-SHORT-137	15HP Short for WR137	1	\$25	0%	\$25	\$25
RFU-CX-11-Lz-TH	RFU-CX,11GHZ,Low Band,TX High	1	\$2,800	0%	\$2,800	\$2,800
SA-HP-6-6L-P3-A	6' ANT,SP,6L,Std Int,HP,P3 - ANDREW	1	\$5,472	0%	\$5,472	\$5,472
Am-3-11-A	3' ANT,SP,11GHZ,Crgn&Std UBR100 Int-ANDR	1	\$1,867	0%	\$1,867	\$1,867
15R-USER-CHAN-SYNC-CBL-2.5M	1500R Sync User Channels open cable 2.5m	2	\$35	0%	\$35	\$70
CBL-GND	GROUND CABLE FOR IDU and ODU	2	\$20	0%	\$20	\$40
WAVEGUIDE-6-4FT	FLEX WG 1.2m 6GHz	1	\$1,000	0%	\$1,000	\$1,000
N-TYPE ANGL M CONNECTOR	RG-8 IF ANGL M CONNECTOR	4	\$23	0%	\$23	\$93
15OCB6L-252A-01-L	15OCB6L-252A-01-L	1	\$1,532	0%	\$1,532	\$1,532
270782	MICROSHELF, 4 POS, LVBD,1DIST (4L1)	1	\$853	0%	\$853	\$853
242100.400	Compact Controller, Web/SNMP, 3 Relay Contacts	1	\$300	0%	\$300	\$300
241120.100	Micropack Rectifier 250W 48V, 85-300 Vac Input Range	2	\$328	0%	\$328	\$657
LU1014-UU	AC Line Cord, 10', 14AWG, Un-terminated to Un-terminated	2	\$45	0%	\$45	\$90
251875	Micropack dummy module G1	2	\$10	0%	\$10	\$20
NMI	48V 30AH 12AVR30 BATTERY SET	2	\$767	0%	\$767	\$1,533
217035	19" KIT BATTERY TRAY RACK HEAVY DUTY	2	\$312	0%	\$312	\$623
258160	Loom: Temp Sense 470K NTC 3m G1	2	\$27	0%	\$27	\$53
Dispatch - Other Equipment						\$3,106
SPD-1066Rack	19InchOpenCabinet with top plate - Nut, Bolts and Tie Wraps - Caster kit-4 wheels	1	\$2,613	0%	\$2,613	\$2,613
AP7831	Metered Rack PDU	1	\$493	0%	\$493	\$493
Professional Services						
Project Management						\$55,831
Engineering						\$32,942
Staging, Optimization, Programming, Installation						\$157,938
Site Development						\$0
TOTAL 911 Dispatch HQ Equipment and services						\$1,195,843
TOTAL 911 Dispatch HQ After BAFO Discount (pro-rated to 911 Equipment and services)						\$1,028,879

UKPD Dispatch and 4 TAGs 5 channels are removed from the BOM in exchange of 4 simulcast repeaters with failsoft license included