

City of Waltham

CITY OF WALTHAM
CITY CLERK'S OFFICE

Jeannette A. McCarthy
Mayor

2017 SEP 21 A 11:17

RECORDED

September 21, 2017

TO: The City Council
RE: Transfer Request – Police/Fire Radio System Upgrade

Dear Councillors:

I respectfully request a transfer of \$371,751.00 to fund the repairs and upgrade to our current Police/Fire radio system.

FROM:
Stabilization Fund-General #250-135-7405-5205 \$371,751.00

TO:
Wires-Radio System #001-245-5800-6422 \$371,751.00

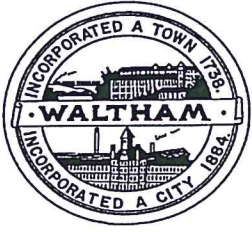
Attached is a copy of a letter dated September 12, 2017 that was received from the Wires Director, Tim Kelly. Mr. Kelly, Chief MacPherson and Chief Ciccone will be available to answer questions concerning this request.

Sincerely,

Jeannette A. McCarthy
JAM/ccb

Enclosures

cc: Tim Kelly
Chief MacPherson
Chief Ciccone



*CITY OF WALTHAM
MASSACHUSETTS*

WIRES DEPARTMENT

INSPECTOR OF WIRES
Timothy P. Kelly
TKELLY@CITY.WALTHAM.MA.US

SR. WIRE INSPECTOR
George A. Martin
GMARTIN@CITY.WALTHAM.MA.US

MEMBER
I.A.E.I.
MUNI. ELEC. INSP. ASSOC.
OF M.A. R.I.
N.F.P.A.
I.M.S.A.

September 12, 2017

Mayor,


I respectfully request the sum of \$371,750.06 to repair and upgrade our current Public Safety Radio System (Police and Fire).

We currently have (2) Radio sites down and are experiencing Communication issues on both the Police and Fire frequencies.

It is my understanding that the current radio components have 5 years life expectancy; we are currently on 8th year.

Myself and both the Police and Fire Chief will be available for any questions.

Sincerely


Timothy P Kelly
Inspector of Wires

RECEIVED
SEP 18 2017
MAYOR'S OFFICE

Waltham Tait Information

Cities with similar issues:

Weymouth

Marblehead

Hull

Hingham

Middleboro

Recommendations:

Phase 1 Immediate: Replace microwave and switches for connectivity

- Brandeis Site to Prospect Site *Currently Down*
- Brandeis Site to PD/FD Tower *Currently Down*
- Brandeis Site to Winter Street Site *Currently Down*
- Install updated monitoring software *Currently None on system*

Phase 2 Urgent: Replace remaining microwave at sites

- PD/FD Tower to Bentley Site *Currently intermittent operation*
- Winter Street Site to Prospect Site *Currently intermittent operation*
- Prospect Site to NE School Site *Currently intermittent operation*
- Prospect Site to PD/FD tower *Currently intermittent operation*
- Brandeis Equipment Cabinet *Stability and environmental Issues*
- Remote Site Environmental Monitoring *Currently None on system*
- Tait Firmware Infrastructure Upgrade

Phase 3 Long Term

- Upgrade Tait infrastructure to factory approved simulcast
- Eliminate proprietary equipment in system

- Replace Dispatch Console and Fire Station Alerting System with public safety grade solution

ALL-COMM

Technologies, Inc.

5 Whitmore Rd. Revere, MA 02151 P (781) 289-3000 F (781) 289-7300 www.allcomm1.com

City of Waltham
 Attn: Tim Kelly
 119 School Street
 Waltham, MA 02451
 Microwave Backhaul System
 With Network Switches
 8/23/2017

SIAE, All Outdoor, Carrier Grade Licensed Microwave System, with GPS Synced Backhaul Network

Brandeis to Prospect Microwave Link 18GHZ *Currently Down*

Qty	Nomenclature	Description	Unit Price	Total Price
1	AP18-2E-LNK	SIAE ALFOplus 18GHZ,100Mb, Link	\$ 6,950.00	\$ 6,950.00
2	UPG-AP-ACM	SIAE ACM ALFOplus SWLicense	\$ 225.00	\$ 450.00
2	UPG-AP-PHC	SIAE ALFOplus SW Lic to enable Packet Header	\$ 450.00	\$ 900.00
2	UPG-AP-100-400	SIAE ALFO Plus SW Licence,100 to 400 Mb	\$ 450.00	\$ 900.00
2	SIAE-S03653	SIAE POE Injector (AC/DC) for ALFOplus	\$ 209.30	\$ 418.60
2	ANT-18GHZ-12-SP	18 GHz Antenna, 1ft, Single Pole SIAE Direct Mount	\$ 450.00	\$ 900.00
2	368792	Transtector Systems, Inc. - Power over Ethernet Surge Protector	\$ 175.50	\$ 351.00
4	493736	Ground Kit for Corrugated Cat5e	\$ 16.83	\$ 67.32
2	342691	Superior Essex OSP Copper Clad Cat5E	\$ 301.00	\$ 602.00
1	FREQCORD	Frequency Coordination Support	\$ 617.05	\$ 617.05
1	FCC	FCC Application Support	\$ 123.05	\$ 123.05
1	PCN	Schedule K Form 601 Construction Notification	\$ 85.00	\$ 85.00
1	TOWERLBR	Tower Work	\$ 4,760.00	\$ 4,760.00
1	HDWR	Tower Hardware	\$ 1,000.00	\$ 1,000.00
24	SVC2017	Set-up and Programming/Staging at ALL-COMM	\$ 108.50	\$ 2,604.00
32	SVC2017	Installation	\$ 108.50	\$ 3,472.00

Sub-Total \$ 24,200.02

Brandeis to PD/FD Tower Microwave Link 18GHZ *Currently Down*

Qty	Nomenclature	Description	Unit Price	Total Price
1	AP18-2E-LNK	SIAE ALFOplus 18GHZ,100Mb, Link	\$ 6,950.00	\$ 6,950.00
2	UPG-AP-ACM	SIAE ACM ALFOplus SWLicense	\$ 225.00	\$ 450.00
2	UPG-AP-PHC	SIAE ALFOplus SW Lic to enable Packet Header	\$ 450.00	\$ 900.00
2	UPG-AP-100-400	SIAE ALFO Plus SW Licence,100 to 400 Mb	\$ 450.00	\$ 900.00
2	SIAE-S03653	SIAE POE Injector (AC/DC) for ALFOplus	\$ 209.30	\$ 418.60
2	ANT-18GHZ-12-SP	18 GHz Antenna, 1ft, Single Pole SIAE Direct Mount	\$ 450.00	\$ 900.00
2	368792	Transtector Systems, Inc. - Power over Ethernet Surge Protector	\$ 175.50	\$ 351.00
4	493736	Ground Kit for Corrugated Cat5e	\$ 16.83	\$ 67.32
2	342691	Superior Essex OSP Copper Clad Cat5E	\$ 301.00	\$ 602.00
1	FREQCORD	Frequency Coordination Support	\$ 617.05	\$ 617.05
1	FCC	FCC Application Support	\$ 123.05	\$ 123.05
1	PCN	Schedule K Form 601 Construction Notification	\$ 85.00	\$ 85.00
1	TOWERLBR	Tower Work	\$ 4,760.00	\$ 4,760.00
1	HDWR	Tower Hardware	\$ 1,000.00	\$ 1,000.00
24	SVC2017	Set-up and Programming/Staging at ALL-COMM	\$ 108.50	\$ 2,604.00
32	SVC2017	Installation	\$ 108.50	\$ 3,472.00

Sub-Total \$ 24,200.02

Brandeis to Winter Microwave Link 11 Ghz. *Currently Down*

Qty	Nomenclature	Description	Unit Price	Total Price
1	AP11-2E-LNK	SIAE ALFOplus 11GHZ,100Mb, Link	\$ 6,950.00	\$ 6,950.00
2	UPG-AP-ACM	SIAE ACM ALFOplus SWLicense	\$ 225.00	\$ 450.00
2	UPG-AP-PHC	SIAE ALFOplus SW Lic to enable Packet Header	\$ 450.00	\$ 900.00
2	UPG-AP-100-400	SIAE ALFO Plus SW Licence,100 to 400 Mb	\$ 450.00	\$ 900.00
2	SIAE-S03653	SIAE POE Injector (AC/DC) for ALFOplus	\$ 209.30	\$ 418.60
2	ANT-11GHZ-24-SP	SIAE 11GHZ 2' Antenna, SP, Direct Mount	\$ 450.00	\$ 900.00
2	368792	Transtector Systems, Inc. - Power over Ethernet Surge Protector	\$ 175.50	\$ 351.00
4	493736	Ground Kit for Corrugated Cat5e	\$ 16.83	\$ 67.32
2	342691	Superior Essex OSP Copper Clad Cat5E	\$ 301.00	\$ 602.00
1	FREQCORD	Frequency Coordination Support	\$ 617.05	\$ 617.05
1	FCC	FCC Application Support	\$ 123.05	\$ 123.05
1	PCN	Schedule K Form 601 Construction Notification	\$ 85.00	\$ 85.00
1	TOWERLBR	Tower Work	\$ 4,760.00	\$ 4,760.00
1	HDWR	Tower Hardware	\$ 1,000.00	\$ 1,000.00
24	SVC2017	Set-up and Programming/Staging at ALL-COMM	\$ 108.50	\$ 2,604.00
32	SVC2017	Installation	\$ 108.50	\$ 3,472.00

Sub-Total Page 1 of 4 \$ 24,200.02

PD/FD Tower to Bentley Microwave Link 18GHZ				
Qty	Nomenclature	Description	Unit Price	Total Price
1	AP18-2E-LNK	SIAE ALFOplus 18GHz,100Mb, Link	\$ 6,950.00	\$ 6,950.00
2	UPG-AP-ACM	SIAE ACM ALFOplus SWLicense	\$ 225.00	\$ 450.00
2	UPG-AP-PHC	SIAE ALFOplus SW Lic to enable Packet Header	\$ 450.00	\$ 900.00
2	UPG-AP-100-400	SIAE ALFO Plus SW Licence,100 to 400 Mb	\$ 450.00	\$ 900.00
2	SIAE-S03653	SIAE POE Injector (AC/DC) for ALFOplus	\$ 209.30	\$ 418.60
2	ANT-18GHZ-12-SP	18 GHz Antenna, 1ft, Single Pole SIAE Direct Mount	\$ 450.00	\$ 900.00
2	368792	Transtector Systems, Inc. - Power over Ethernet Surge Protector	\$ 175.50	\$ 351.00
4	493736	Ground Kit for Corrugated Cat5e	\$ 16.83	\$ 67.32
2	342691	Superior Essex OSP Copper Clad Cat5E	\$ 301.00	\$ 602.00
1	FREQCORD	Frequency Coordination Support	\$ 617.05	\$ 617.05
1	FCC	FCC Application Support	\$ 123.05	\$ 123.05
1	PCN	Schedule K Form 601 Construction Notification	\$ 85.00	\$ 85.00
1	TOWERLBR	Tower Work	\$ 4,760.00	\$ 4,760.00
1	HDWR	Tower Hardware	\$ 1,000.00	\$ 1,000.00
24	SVC2017	Set-up and Programming/Staging at ALL-COMM	\$ 108.50	\$ 2,604.00
32	SVC2017	Installation	\$ 108.50	\$ 3,472.00
Sub-Total				\$ 24,200.02

Winter to Prospect Microwave Link 18GHZ				
Qty	Nomenclature	Description	Unit Price	Total Price
1	AP18-2E-LNK	SIAE ALFOplus 18GHz,100Mb, Link	\$ 6,950.00	\$ 6,950.00
2	UPG-AP-ACM	SIAE ACM ALFOplus SWLicense	\$ 225.00	\$ 450.00
2	UPG-AP-PHC	SIAE ALFOplus SW Lic to enable Packet Header	\$ 450.00	\$ 900.00
2	UPG-AP-100-400	SIAE ALFO Plus SW Licence,100 to 400 Mb	\$ 450.00	\$ 900.00
2	SIAE-S03653	SIAE POE Injector (AC/DC) for ALFOplus	\$ 209.30	\$ 418.60
2	ANT-18GHZ-12-SP	18 GHz Antenna, 1ft, Single Pole SIAE Direct Mount	\$ 450.00	\$ 900.00
2	368792	Transtector Systems, Inc. - Power over Ethernet Surge Protector	\$ 175.50	\$ 351.00
4	493736	Ground Kit for Corrugated Cat5e	\$ 16.83	\$ 67.32
2	342691	Superior Essex OSP Copper Clad Cat5E	\$ 301.00	\$ 602.00
1	FREQCORD	Frequency Coordination Support	\$ 617.05	\$ 617.05
1	FCC	FCC Application Support	\$ 123.05	\$ 123.05
1	PCN	Schedule K Form 601 Construction Notification	\$ 85.00	\$ 85.00
1	TOWERLBR	Tower Work	\$ 4,760.00	\$ 4,760.00
1	HDWR	Tower Hardware	\$ 1,000.00	\$ 1,000.00
24	SVC2017	Set-up and Programming/Staging at ALL-COMM	\$ 108.50	\$ 2,604.00
32	SVC2017	Installation	\$ 108.50	\$ 3,472.00
Sub-Total				\$ 24,200.02

Prospect to NE School Microwave Link 18GHZ				
Qty	Nomenclature	Description	Unit Price	Total Price
1	AP18-2E-LNK	SIAE ALFOplus 18GHz,100Mb, Link	\$ 6,950.00	\$ 6,950.00
2	UPG-AP-ACM	SIAE ACM ALFOplus SWLicense	\$ 225.00	\$ 450.00
2	UPG-AP-PHC	SIAE ALFOplus SW Lic to enable Packet Header	\$ 450.00	\$ 900.00
2	UPG-AP-100-400	SIAE ALFO Plus SW Licence,100 to 400 Mb	\$ 450.00	\$ 900.00
2	SIAE-S03653	SIAE POE Injector (AC/DC) for ALFOplus	\$ 209.30	\$ 418.60
2	ANT-18GHZ-12-SP	18 GHz Antenna, 1ft, Single Pole SIAE Direct Mount	\$ 450.00	\$ 900.00
2	368792	Transtector Systems, Inc. - Power over Ethernet Surge Protector	\$ 175.50	\$ 351.00
4	493736	Ground Kit for Corrugated Cat5e	\$ 16.83	\$ 67.32
2	342691	Superior Essex OSP Copper Clad Cat5E	\$ 301.00	\$ 602.00
1	FREQCORD	Frequency Coordination Support	\$ 617.05	\$ 617.05
1	FCC	FCC Application Support	\$ 123.05	\$ 123.05
1	PCN	Schedule K Form 601 Construction Notification	\$ 85.00	\$ 85.00
1	TOWERLBR	Tower Work	\$ 4,760.00	\$ 4,760.00
1	HDWR	Tower Hardware	\$ 1,000.00	\$ 1,000.00
24	SVC2017	Set-up and Programming/Staging at ALL-COMM	\$ 108.50	\$ 2,604.00
32	SVC2017	Installation	\$ 108.50	\$ 3,472.00
Sub-Total				\$ 24,200.02

Prospect to PD/FD Tower Microwave Link 18GHZ				
Qty	Nomenclature	Description	Unit Price	Total Price
1	AP18-2E-LNK	SIAE ALFOplus 18GHz,100Mb, Link	\$ 6,950.00	\$ 6,950.00
2	UPG-AP-ACM	SIAE ACM ALFOplus SWLicense	\$ 225.00	\$ 450.00
2	UPG-AP-PHC	SIAE ALFOPlus SW Lic to enable Packet Header	\$ 450.00	\$ 900.00
2	UPG-AP-100-400	SIAE ALFO Plus SW Licence,100 to 400 Mb	\$ 450.00	\$ 900.00
2	SIAE-S03653	SIAE POE Injector (AC/DC) for ALFOPlus	\$ 209.30	\$ 418.60
2	ANT-18GHZ-12-SP	18 GHz Antenna, 1ft, Single Pole SIAE Direct Mount	\$ 450.00	\$ 900.00
2	368792	Transtector Systems, Inc. - Power over Ethernet Surge Protector	\$ 175.50	\$ 351.00
4	493736	Ground Kit for Corrugated Cat5e	\$ 16.83	\$ 67.32
2	342691	Superior Essex OSP Copper Clad Cat5E	\$ 301.00	\$ 602.00
1	FREQCORD	Frequency Coordination Support	\$ 617.05	\$ 617.05
1	FCC	FCC Application Support	\$ 123.05	\$ 123.05
1	PCN	Schedule K Form 601 Construction Notification	\$ 85.00	\$ 85.00
1	TOWERLBR	Tower Work	\$ 4,760.00	\$ 4,760.00
1	HDWR	Tower Hardware	\$ 1,000.00	\$ 1,000.00
24	SVC2017	Set-up and Programming/Staging at ALL-COMM	\$ 108.50	\$ 2,604.00
32	SVC2017	Installation	\$ 108.50	\$ 3,472.00

Sub-Total

\$ 24,200.02

Extreme Networks-High Availability Network				
Qty	Nomenclature	Description	Unit Price	Total Price
8	X460-G2-24t-GE4-Base	Extreme Networks Summit Switches	\$ 2,553.00	\$ 20,424.00
3	X460-G2-TM-CLK	Timing Module for SyncE	\$ 557.20	\$ 1,671.60
8	Summit Fan Module FB	Fan Module for Summit X460	\$ 165.20	\$ 1,321.60
16	Summit 300W AS PSU XT	AC Power Supply Modules for Redundant	\$ 324.60	\$ 5,193.60
16	Pwr Cord 10A,NEMA 5-15P	Power Cords	\$ 8.40	\$ 134.40
8	Core Lic from Edge Lic	Extreme XOS Advanced Core License Upgrade	\$ 1,677.20	\$ 13,417.60
8	Summit X460 Ntwrk Timing	Extreme XOS Network Timing Pack for Summit X460-G2 PTP	\$ 557.20	\$ 4,457.60
4	1000BASE-LX SFP Hi	1000BASE LX-SFP MMF 220& 550 meters SMF 10Km LC Com	\$ 557.20	\$ 2,228.80
2	1000BASE-ZX-SFP, Hi	1000BASE ZX-SFP MMF 220& 550 meters SMF 70Km LC Com	\$ 2,237.20	\$ 4,474.40
1	NMS 10 Devices	Network Management, mDevices/100THIN APS	\$ 4,192.20	\$ 4,192.20
1	ExSVCSPT	EW Software Subscription/Factory Support	\$ 4,168.00	\$ 4,168.00
7	HDWR	MISC Hardware Installation Support Parts	\$ 225.00	\$ 1,575.00
72	MOA5901	Cat6A patch cable- 7'	\$ 5.59	\$ 402.48
32	MOA11259	Cat6A patch cable- 14'	\$ 7.18	\$ 229.76
1	DellSOHO	SONICWALL 01-SSC-0217 Dell SonicWALL SOHO Gen 6 OSP Firewall appliance	\$ 331.48	\$ 331.48
7	CBLMGMT	Cable Management	\$ 450.00	\$ 3,150.00
40	SVC2017	Network Design,Staging	\$ 108.50	\$ 4,340.00
40	SVC2017	Programming, Installation on Site, Optimization, Network Interface	\$ 108.50	\$ 4,340.00

Sub-Total

\$ 76,052.52

System Management PC				
Qty	Nomenclature	Description	Unit Price	Total Price
1	Optiplex5040	DELL Desktop PC OptiPlex 5040 Intel Core i5	\$ 993.98	\$ 993.98
1	9SIA9DE3SA8406	Cloud Storage Personal NAS	\$ 598.00	\$ 598.00
1	EPING	Availability Monitoring Software	\$ 250.00	\$ 250.00
32	SVC2017	Install, Programming, Set-Up, Optimization On Site	\$ 108.50	\$ 3,472.00
Sub-Total				\$ 5,313.98

HVAC Brandeis Tower				
Qty	Nomenclature	Description	Unit Price	Total Price
1		DDB Ltd HVAC Unit	\$ 3,198.00	\$ 3,198.00
8	SVC2017	Installation on Site	\$ 108.50	\$ 868.00
Sub-Total				\$ 4,066.00

Remote Site Environmental Monitoring/Reporting System				
Qty	Nomenclature	Description	Unit Price	Total Price
6	Enviromux	Environmental Monitoring Server w/Temperature/Humidity Sensors per site	\$ 971.70	\$ 5,830.20
24	SVC2017	Installation on Site	\$ 108.50	\$ 2,604.00
Sub-Total				\$ 8,434.20

Tait Infrastructure Firmware Upgrade				
Qty	Nomenclature	Description	Unit Price	Total Price
1	FWUPGD	Tait 3.82 FW, SFE Keys*		\$ -
24	SVC2017	Upgrade Tait Base Station Firmare to Current Revision, Install Licenses-All Sites	\$ 108.50	\$ 2,604.00
60	SVC2017	PM, Alignment of System after Firmware Upgrade	\$ 108.50	\$ 6,510.00
Sub-Total				\$ 9,114.00

*FW Upgrade can only be applied to PD System. FD system uses custom FW and requires Upgrading to Tait ASP

Phase 1 Project Total-Includes Replacement of Currently Broken Microwave and Fiber links to Radio Sites, Replacement of all Network Switches at Radio Sites, New Management PC System. **\$ 153,966.56**

Phase 2 Project Total-Includes Replacement of Remaining Microwave links, Tait Firmware Upgrade,Environmental Monitoring, Brandeis Outdoor Cabinet HVAC Unit **\$ 118,414.28**

Phase 1, Phase 2 Combined Total **\$ 272,380.84**

Delivery within Six-Eight weeks A.R.O.
 Manufacturers warranty applies.
 All pricing as per current Massachusetts State Contract FIR04
 Budget based on currently known parameters, subject to change on final design
 All required permits, authorizations and licenses to be provided by others.
 Pricing is valid for 120 days from above date

Standardize PD Simulcast System to Tait P25 Approved				
Qty	Nomenclature	Description	Unit Price	Total Price
1	HDWR	Site Hardware,RF Jumpers, Interconnect Cabling	\$ 1,000.00	\$ 1,000.00
2	SecureSync	Spectracom Master Osdliator SecureSync	\$ 5,803.00	\$ 11,606.00
##	SVC2017	Configure System to Taitnet P25 Simulcast	\$ 108.50	\$ 10,850.00
Sub-Total				\$ 23,456.00

Standardize FD Simulcast System to Tait ASIP				
Qty	Nomenclature	Description	Unit Price	Total Price
		Rptr P25 440-480M 100W ACDC12/12		
		TBAS061 & TBAS062 Software License Included		
2	TB9435H3M00000J4BC		\$ 15,633.81	\$ 31,267.62
4	TB9444H2100000J4AC	Base Station - UHF AS-IP Analog Receive Only - (TBAS071 Software License Included)	\$ 5,297.40	\$ 21,189.60
2	SecureSync	Spectracom Master Osdliator SecureSync	\$ 5,803.00	\$ 11,606.00
1	HDWR	Site Hardware,RF Jumpers, Interconnect Cabling	\$ 1,000.00	\$ 1,000.00
##	SVC2017	Configure System to TaitASIP	\$ 108.50	\$ 10,850.00
Sub-Total				\$ 75,913.22

Phase 3 Project Total-Includes Standardizing PD & FD Simulcast Systems to Tait Approved Systems **\$ 99,369.22**

Phase 1, Phase 2, Phase 3 Combined Total **\$ 371,750.06**

COMMONWEALTH OF MASSACHUSETTS ~ STANDARD CONTRACT FORM



This form is jointly issued and published by the Executive Office for Administration and Finance (ANF), the Office of the Comptroller (CTH) and the Operational Services Division (OSD) as the default contract for all Commonwealth Departments when another form is not prescribed by regulation or policy. Any changes to the official printed language of this form shall be void. Additional non-conflicting terms may be added by Attachment. Contractors may not require any additional agreements, engagement letters, contract forms or other additional terms as part of this Contract without prior Department approval. Click on hyperlinks for definitions, instructions and legal requirements that are incorporated by reference into this Contract. An electronic copy of this form is available at www.mass.gov/osc under Guidance For Vendors - Forms or www.mass.gov/osd under OSD Forms.

CONTRACTOR LEGAL NAME: (and d/b/a): <u>All-Comm Technologies, Inc.</u>		COMMONWEALTH DEPARTMENT NAME: <u>Operational Services Division</u> MMARS Department Code: <u>OSD</u>	
Legal Address: (W-9, W-4, T&C): <u>5 Whitmore Road</u>		Business Mailing Address: <u>1 Ashburton Place, Room 1017, Boston, MA 02108</u>	
Contract Manager: <u>Paul Boudreau</u>		Billing Address (if different):	
E-Mail: <u>pboudreau@allcomm1.com</u>		Contract Manager: <u>Betty Fernandez, Strategic Sourcing Services Lead (SSSL)</u>	
Phone: <u>781-289-3000</u>	Fax: <u>781-289-7300</u>	E-Mail: <u>Betty.Fernandez@state.ma.us</u>	
Contractor Vendor Code:		Phone: <u>617 720 3133</u>	Fax: <u>617 727 4527</u>
Vendor Code Address ID (e.g. "AD001"): <u>AD001</u> (Note: The Address ID Must be set up for EFT payments.)		MMARS Doc ID(s): <u>FIR0400000000000000</u>	
		RFI/Procurement or Other ID Number: <u>FIR04</u>	
<input checked="" type="checkbox"/> NEW CONTRACT		<input type="checkbox"/> CONTRACT AMENDMENT	
PROCUREMENT OR EXCEPTION TYPE: (Check one option only) <input checked="" type="checkbox"/> <u>Statewide Contract</u> (OSD or an OSD-designated Department) <input type="checkbox"/> <u>Collective Purchase</u> (Attach OSD approval, scope, budget) <input type="checkbox"/> <u>Department Procurement</u> (Includes State or Federal grants <u>815 CMR 2.00</u>) (Attach RFR and Response or other procurement supporting documentation) <input type="checkbox"/> <u>Emergency Contract</u> (Attach justification for emergency, scope, budget) <input type="checkbox"/> <u>Contract Employee</u> (Attach <u>Employment Status Form</u> , scope, budget) <input type="checkbox"/> <u>Legislative/Legal or Other:</u> (Attach authorizing language/justification, scope and budget)		Enter Current Contract End Date <u>Prior</u> to Amendment: _____ Enter Amendment Amount: \$ _____ (or "no change") AMENDMENT TYPE: (Check one option only. Attach details of Amendment changes.) <input type="checkbox"/> <u>Amendment to Scope or Budget</u> (Attach updated scope and budget) <input type="checkbox"/> <u>Interim Contract</u> (Attach justification for Interim Contract and updated scope/budget) <input type="checkbox"/> <u>Contract Employee</u> (Attach any updates to scope or budget) <input type="checkbox"/> <u>Legislative/Legal or Other:</u> (Attach authorizing language/justification and updated scope and budget)	
The following COMMONWEALTH TERMS AND CONDITIONS (T&C) has been executed, filed with CTR and is incorporated by reference into this Contract. <input checked="" type="checkbox"/> Commonwealth Terms and Conditions <input type="checkbox"/> Commonwealth Terms and Conditions For Human and Social Services			
COMPENSATION: (Check ONE option): The Department certifies that payments for authorized performance accepted in accordance with the terms of this Contract will be supported in the state accounting system by sufficient appropriations or other non-appropriated funds, subject to intercept for Commonwealth owed debts under 815 CMR 9.00. <input type="checkbox"/> <u>Rate Contract</u> (No Maximum Obligation. Attach details of all rates, units, calculations, conditions or terms and any changes if rates or terms are being amended.) <input type="checkbox"/> <u>Maximum Obligation Contract</u> Enter Total Maximum Obligation for total duration of this Contract (or <u>new Total</u> if Contract is being amended). \$ _____			
PROMPT PAYMENT DISCOUNTS (PPD): Commonwealth payments are issued through EFT 45 days from invoice receipt. Contractors requesting accelerated payments must identify a PPD as follows: Payment issued within 10 days 2% PPD; Payment issued within 15 days ___ % PPD; Payment issued within 20 days ___ % PPD; Payment issued within 30 days ___ % PPD. If PPD percentages are left blank, identify reason: ___ agree to standard 45 day cycle ___ statutory/legal or Ready Payments (<u>G.L. c. 29, § 23A</u>); ___ only initial payment (subsequent payments scheduled to support standard EFT 45 day payment cycle. See <u>Prompt Pay Discounts Policy</u> .)			
BRIEF DESCRIPTION OF CONTRACT PERFORMANCE or REASON FOR AMENDMENT: (Enter the Contract title, purpose, fiscal year(s) and a detailed description of the scope of performance or what is being amended for a Contract Amendment. Attach all supporting documentation and justifications.) <u>Public Safety Equipment & Supplies, Services and Repairs FIR04</u> <u>Duration January 1, 2015 through December 31, 2016 with options to renew through December 31, 2020</u>			
ANTICIPATED START DATE: (Complete ONE option only) The Department and Contractor certify for this Contract, or Contract Amendment, that Contract obligations: ___ 1. may be incurred as of the <u>Effective Date</u> (latest signature date below) and no obligations have been incurred prior to the <u>Effective Date</u> . ___ 2. may be incurred as of _____, 20____, a date LATER than the <u>Effective Date</u> below and no obligations have been incurred prior to the <u>Effective Date</u> . ___ 3. were incurred as of _____, 20____, a date PRIOR to the <u>Effective Date</u> below, and the parties agree that payments for any obligations incurred prior to the <u>Effective Date</u> are authorized to be made either as settlement payments or as authorized reimbursement payments, and that the details and circumstances of all obligations under this Contract are attached and incorporated into this Contract. Acceptance of payments forever releases the Commonwealth from further claims related to these obligations.			
CONTRACT END DATE: Contract performance shall terminate as of <u>December 31, 2016</u> , with no new obligations being incurred after this date unless the Contract is properly amended, provided that the terms of this Contract and performance expectations and obligations shall survive its termination for the purpose of resolving any claim or dispute, for completing any negotiated terms and warranties, to allow any close out or transition performance, reporting, invoicing or final payments, or during any lapse between amendments.			
CERTIFICATIONS: Notwithstanding verbal or other representations by the parties, the " Effective Date " of this Contract or Amendment shall be the latest date that this Contract or Amendment has been executed by an authorized signatory of the Contractor, the Department, or a later Contract or Amendment Start Date specified above, subject to any required approvals. The Contractor makes all certifications required under the attached <u>Contractor Certifications</u> (incorporated by reference if not attached hereto) under the pains and penalties of perjury, agrees to provide any required documentation upon request to support compliance, and agrees that all terms governing performance of this Contract and doing business in Massachusetts are attached or incorporated by reference herein according to the following hierarchy of document precedence, the applicable <u>Commonwealth Terms and Conditions</u> , this Standard Contract Form including the <u>Instructions and Contractor Certifications</u> , the Request for Response (RFR) or other solicitation, the Contractor's Response, and additional negotiated terms, provided that additional negotiated terms will take precedence over the relevant terms in the RFR and the Contractor's Response only if made using the process outlined in <u>801 CMR 21.07</u> , incorporated herein, provided that any amended RFR or Response terms result in best value, lower costs, or a more cost effective Contract.			
AUTHORIZING SIGNATURE FOR THE CONTRACTOR: X: <u>Paul Boudreau</u> Date: <u>12/24/14</u> (Signature and Date Must Be Handwritten At Time of Signature) Print Name: <u>Paul Boudreau</u> Print Title: <u>President</u>		AUTHORIZING SIGNATURE FOR THE COMMONWEALTH: X: <u>Kathleen K. Reilly</u> Date: <u>1/7/15</u> (Signature and Date Must Be Handwritten At Time of Signature) Print Name: <u>Kathleen K. Reilly</u> Print Title: <u>Director of Strategic Sourcing Services</u>	

COMMONWEALTH OF MASSACHUSETTS ~ STANDARD CONTRACT FORM



This form is jointly issued and published by the [Executive Office for Administration and Finance \(ANF\)](#), the [Office of the Comptroller \(CTR\)](#) and the [Operational Services Division \(OSD\)](#) as the default contract for all Commonwealth Departments when another form is not prescribed by regulation or policy. Any changes to the official printed language of this form shall be void. Additional non-conflicting terms may be added by Attachment. Contractors may not require any additional agreements, engagement letters, contract forms or other additional terms as part of this Contract without prior Department approval. Click on hyperlinks for definitions, instructions and legal requirements that are incorporated by reference into this Contract. An electronic copy of this form is available at www.mass.gov/osc under [Guidance For Vendors - Forms](#) or www.mass.gov/osd under [OSD Forms](#).

CONTRACTOR LEGAL NAME: All-Comm Technologies, Inc. (and d/b/a):	COMMONWEALTH DEPARTMENT NAME: Operational Services Division MMARS Department Code: OSD
Legal Address: (W-9, W-4, T&C): 5 Whitmore Road, Revere, MA 02151	Business Mailing Address: OSD RM-1017, 1 Ashburton Place, Boston, MA 02108-1552
Contract Manager: Paul Boudreau	Billing Address (if different):
E-Mail: pboudreau@allcomm1.com	Contract Manager: Anthony Delaney
Phone: 781-289-3000 Fax:	E-Mail: anthony.delaney@state.ma.us
Contractor Vendor Code: VC6000174957	Phone: 617-720-3118 Fax:
Vendor Code Address ID (e.g. "AD001"): AD___ (Note: The Address ID Must be set up for EFT payments.)	MMARS Doc ID(s): ITT57* RF/Procurement or Other ID Number: ITT57
<p style="text-align: center;"><input checked="" type="checkbox"/> NEW CONTRACT</p> PROCUREMENT OR EXCEPTION TYPE: (Check one option only) <input checked="" type="checkbox"/> Statewide Contract (OSD or an OSD-designated Department) <input type="checkbox"/> Collective Purchase (Attach OSD approval, scope, budget) <input type="checkbox"/> Department Procurement (includes State or Federal grants 815 CMR 2.00) (Attach RFR and Response or other procurement supporting documentation) <input type="checkbox"/> Emergency Contract (Attach justification for emergency, scope, budget) <input type="checkbox"/> Contract Employee (Attach Employment Status Form , scope, budget) <input type="checkbox"/> Legislative/Legal or Other: (Attach authorizing language/justification, scope and budget)	<p style="text-align: center;"><input type="checkbox"/> CONTRACT AMENDMENT</p> Enter Current Contract End Date <i>Prior</i> to Amendment: ____, 20__. Enter Amendment Amount: \$ _____. (or "no change") AMENDMENT TYPE: (Check one option only. Attach details of Amendment changes.) <input type="checkbox"/> Amendment to Scope or Budget (Attach updated scope and budget) <input type="checkbox"/> Interim Contract (Attach justification for Interim Contract and updated scope/budget) <input type="checkbox"/> Contract Employee (Attach any updates to scope or budget) <input type="checkbox"/> Legislative/Legal or Other: (Attach authorizing language/justification and updated scope and budget)
The following COMMONWEALTH TERMS AND CONDITIONS (T&C) has been executed, filed with CTR and is incorporated by reference into this Contract. <input checked="" type="checkbox"/> Commonwealth Terms and Conditions <input type="checkbox"/> Commonwealth Terms and Conditions For Human and Social Services	
COMPENSATION: (Check ONE option): The Department certifies that payments for authorized performance accepted in accordance with the terms of this Contract will be supported in the state accounting system by sufficient appropriations or other non-appropriated funds, subject to intercept for Commonwealth owed debts under 815 CMR 9.00 . <input checked="" type="checkbox"/> Rate Contract (No Maximum Obligation. Attach details of all rates, units, calculations, conditions or terms and any changes if rates or terms are being amended). <input type="checkbox"/> Maximum Obligation Contract Enter Total Maximum Obligation for total duration of this Contract (or <i>new</i> Total if Contract is being amended). \$ _____.	
PROMPT PAYMENT DISCOUNTS (PPD): Commonwealth payments are issued through EFT 45 days from invoice receipt. Contractors requesting accelerated payments must identify a PPD as follows: Payment issued within 10 days 2% PPD; Payment issued within 15 days __% PPD; Payment issued within 20 days __% PPD; Payment issued within 30 days __% PPD. If PPD percentages are left blank, identify reason: __agree to standard 45 day cycle __ statutory/legal or Ready Payments (G.L. c. 29, § 23A); __ only initial payment (subsequent payments scheduled to support standard EFT 45 day payment cycle. See Prompt Pay Discounts Policy .)	
BRIEF DESCRIPTION OF CONTRACT PERFORMANCE or REASON FOR AMENDMENT: (Enter the Contract title, purpose, fiscal year(s) and a detailed description of the scope of performance or what is being amended for a Contract Amendment. Attach all supporting documentation and justifications.) Statewide Contract ITT57-2-Way Radio Equipment and Supplies.	
ANTICIPATED START DATE: (Complete ONE option only) The Department and Contractor certify for this Contract, or Contract Amendment, that Contract obligations: <input checked="" type="checkbox"/> 1. may be incurred as of the Effective Date (latest signature date below) and no obligations have been incurred prior to the Effective Date . <input type="checkbox"/> 2. may be incurred as of ____, 20__, a date LATER than the Effective Date below and no obligations have been incurred prior to the Effective Date . <input type="checkbox"/> 3. were incurred as of ____, 20__, a date PRIOR to the Effective Date below, and the parties agree that payments for any obligations incurred prior to the Effective Date are authorized to be made either as settlement payments or as authorized reimbursement payments, and that the details and circumstances of all obligations under this Contract are attached and incorporated into this Contract. Acceptance of payments forever releases the Commonwealth from further claims related to these obligations.	
CONTRACT END DATE: Contract performance shall terminate as of <u>October 31, 2018</u> , with no new obligations being incurred after this date unless the Contract is properly amended, provided that the terms of this Contract and performance expectations and obligations shall survive its termination for the purpose of resolving any claim or dispute, for completing any negotiated terms and warranties, to allow any close out or transition performance, reporting, invoicing or final payments, or during any lapse between amendments.	
CERTIFICATIONS: Notwithstanding verbal or other representations by the parties, the "Effective Date" of this Contract or Amendment shall be the latest date that this Contract or Amendment has been executed by an authorized signatory of the Contractor, the Department, or a later Contract or Amendment Start Date specified above, subject to any required approvals. The Contractor makes all certifications required under the attached Contractor Certifications (incorporated by reference if not attached hereto) under the pains and penalties of perjury, agrees to provide any required documentation upon request to support compliance, and agrees that all terms governing performance of this Contract and doing business in Massachusetts are attached or incorporated by reference herein according to the following hierarchy of document precedence, the applicable Commonwealth Terms and Conditions , this Standard Contract Form including the Instructions and Contractor Certifications , the Request for Response (RFR) or other solicitation, the Contractor's Response, and additional negotiated terms, provided that additional negotiated terms will take precedence over the relevant terms in the RFR and the Contractor's Response only if made using the process outlined in 801 CMR 21.07 , incorporated herein, provided that any amended RFR or Response terms result in best value, lower costs, or a more cost effective Contract.	
AUTHORIZING SIGNATURE FOR THE CONTRACTOR: X: <u>Paul Boudreau</u> Date: <u>10-6-15</u> (Signature and Date Must Be Handwritten At Time of Signature) Print Name: <u>Paul Boudreau</u> Print Title: <u>President</u>	AUTHORIZING SIGNATURE FOR THE COMMONWEALTH: X: <u>Tina Marie Disney</u> Date: <u>10/6/15</u> (Signature and Date Must Be Handwritten At Time of Signature) Print Name: <u>Tina Marie Disney</u> Print Title: <u>sr. financial services Associate</u>

TINA MARIE DISNEY
 Notary Public
 Commonwealth of Massachusetts
 My Commission Expires Nov. 21, 2019