

ALL-COMM
Technologies, Inc.

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Town of Lexington Fire Department
ATTN: Sergio DeMango
8/28/2022

Quote to provide and install the latest generation TB9400 base stations
Existing TB9100 base stations are now end of life
Replaces all electronics and hardware at all 8 radio sites

All Pricing Per MA State Contract PSE01

Jean Rd. Water Tower Site
Tait TB9400 Dual Mode Simulcast Repeater with built in
Voting- Digital & Analog Operation

Qty	Nomenclature	Description	Unit Price	Total Price
1	TB9435S-100T	TB9400 Single 100Watts Chassis Assembly	\$ 1,268.46	\$ 1,268.46
1	T01-01103-MAAA	TB9400 Reciter 470-520MHz	\$ 2,560.41	\$ 2,560.41
1	T01-01121-MBAA	TB94 Linear PA 470-520MHz 100Watts	\$ 2,022.57	\$ 2,022.57
		TB9000 Power Management Unit ACDC48volts with Aux12volts		
1	TBA30A4-4100		\$ 2,481.03	\$ 2,481.03
1	TBAS065	P25 Linear Simulcast Modulation (LSM)	\$ 1,354.32	\$ 1,354.32
1	TBAS073	SFE Key - TaskBuilder	\$ 187.11	\$ 187.11
1	TBAS061	Central Voter	\$ 4,787.10	\$ 4,787.10
1	TBAS062	Simulcast Enable	\$ 4,691.52	\$ 4,691.52
1	TBAS060	Digital Fixed Station Interface	\$ 519.21	\$ 519.21
1	260165	470-512 MHz Duplexer	\$ 2,196.00	\$ 2,196.00
1	235791	406-512 MHz Single Isolator	\$ 1,287.00	\$ 1,287.00
1	90182	406-512 1 MHz Passband Preselector	\$ 1,285.75	\$ 1,285.75
1	343019	3' RG142P Jumper NM - BNCM	\$ 45.83	\$ 45.83
3	324975	3' DAS jumper using RG-142 plenum cable N M;N M	\$ 45.83	\$ 137.49
1	JL261A	2930F 24G PoE+ 4 SFP Switch	\$ 2,975.00	\$ 2,975.00
2	J4859C	Fiber Transceiver	\$ 157.00	\$ 314.00
1	Securesync	GPS Master Oscillator with GPS antenna install	\$ 7,200.00	\$ 7,200.00
		Redundant Source Monitoring & selection - Time & Frequency distribution -		
1	SAS36E		\$ 4,500.00	\$ 4,500.00
		SecureSync Option Card with 4 x Programmable TTL Outputs-Redundancy for Police System		
1	1204-17		\$ 1,280.00	\$ 1,280.00
		Data Cabinet with Equipment Grounding,Cable Management		
1	CAB		\$ 1,800.00	\$ 1,800.00
1	STHDWR	Site Hardware	\$ 1,000.00	\$ 1,000.00
		48v Telecom Battery Backup-AC and DC Backup-400Ah		
1	BATTBCK-48		\$ 6,600.00	\$ 6,600.00
24	SVC2022	Set-up and Programming/Tuning at ALL-COMM	\$ 155.00	\$ 3,720.00
20	SVC2022	Installation of New Simulcast Repeater	\$ 155.00	\$ 3,100.00
Sub-Total				\$ 57,312.80

Avalon Tait TB9400 Dual Mode Simulcast Repeater with built in Voting- Digital & Analog Operation

Qty	Nomenclature	Description	Unit Price	Total Price
1	TB9435S-100T	TB9400 Single 100Watts Chassis Assembly	\$ 1,268.46	\$ 1,268.46
1	T01-01103-MAAA	TB9400 Reciter 470-520MHz	\$ 2,560.41	\$ 2,560.41
1	T01-01121-MBAA	TB94 Linear PA 470-520MHz 100Watts	\$ 2,022.57	\$ 2,022.57
		TB9000 Power Management Unit ACDC48volts with Aux12volts		
1	TBA30A4-4100		\$ 2,481.03	\$ 2,481.03
1	TBAS065	P25 Linear Simulcast Modulation (LSM)	\$ 1,354.32	\$ 1,354.32
1	TBAS073	SFE Key - TaskBuilder	\$ 187.11	\$ 187.11
1	TBAS061	Central Voter	\$ 4,787.10	\$ 4,787.10
1	TBAS062	Simulcast Enable	\$ 4,691.52	\$ 4,691.52
1	TBAS060	Digital Fixed Station Interface	\$ 519.21	\$ 519.21
1	260165	470-512 MHz Duplexer	\$ 2,196.00	\$ 2,196.00
1	235791	406-512 MHz Single Isolator	\$ 1,287.00	\$ 1,287.00
1	90182	406-512 1 MHz Passband Preselector	\$ 1,285.75	\$ 1,285.75
1	343019	3' RG142P Jumper NM - BNCM	\$ 45.83	\$ 45.83
3	324975	3' DAS jumper using RG-142 plenum cable N M;N M	\$ 45.83	\$ 137.49
1	JL261A	2930F 24G PoE+ 4 SFP Switch	\$ 2,975.00	\$ 2,975.00
2	J4859C	Fiber Transceiver	\$ 157.00	\$ 314.00
1	Securesync	GPS Master Oscillator with GPS antenna install	\$ 7,200.00	\$ 7,200.00
		Redundant Source Monitoring & selection - Time & Frequency distribution -		
1	SAS36E		\$ 4,500.00	\$ 4,500.00
		SecureSync Option Card with 4 x Programmable TTL Outputs-Redundancy for Police System		
1	1204-17		\$ 1,280.00	\$ 1,280.00
		Data Cabinet with Equipment Grounding,Cable Management		
1	CAB		\$ 1,800.00	\$ 1,800.00
1	STHDWR	Site Hardware	\$ 1,000.00	\$ 1,000.00
		48v Telecom Battery Backup-AC and DC Backup-400Ah		
1	BATTBCK-48		\$ 6,600.00	\$ 6,600.00
24	SVC2022	Set-up and Programming/Tuning at ALL-COMM	\$ 155.00	\$ 3,720.00
20	SVC2022	Installation of New Simulcast Repeater	\$ 155.00	\$ 3,100.00
Sub-Total				\$ 57,312.80

Lexington PD HQ Tait TB9400 Dual Mode Simulcast Repeater with built in Voting- Digital & Analog Operation

Qty	Nomenclature	Description	Unit Price	Total Price
1	TB9435S-100T	TB9400 Single 100Watts Chassis Assembly	\$ 1,268.46	\$ 1,268.46
1	T01-01103-MAAA	TB9400 Reciter 470-520MHz	\$ 2,560.41	\$ 2,560.41

1	T01-01121-MBAA	TB94 Linear PA 470-520MHz 100Watts	\$	2,022.57	\$	2,022.57
		TB9000 Power Management Unit ACDC48volts with				
1	TBA30A4-4100	Aux12volts	\$	2,481.03	\$	2,481.03
1	TBAS065	P25 Linear Simulcast Modulation (LSM)	\$	1,354.32	\$	1,354.32
1	TBAS073	SFE Key - TaskBuilder	\$	187.11	\$	187.11
1	TBAS061	Central Voter	\$	4,787.10	\$	4,787.10
1	TBAS062	Simulcast Enable	\$	4,691.52	\$	4,691.52
1	TBAS060	Digital Fixed Station Interface	\$	519.21	\$	519.21
1	260165	470-512 MHz Duplexer	\$	2,196.00	\$	2,196.00
1	235791	406-512 MHz Single Isolator	\$	1,287.00	\$	1,287.00
1	90182	406-512 1 MHz Passband Preselector	\$	1,285.75	\$	1,285.75
1	343019	3' RG142P Jumper NM - BNCM	\$	45.83	\$	45.83
3	324975	3' DAS jumper using RG-142 plenum cable N M;N M	\$	45.83	\$	137.49
1	JL261A	2930F 24G PoE+ 4 SFP Switch	\$	2,975.00	\$	2,975.00
2	J4859C	Fiber Transceiver	\$	157.00	\$	314.00
1	Securesync	GPS Master Oscillator with GPS antenna install	\$	7,200.00	\$	7,200.00
		Redundant Source Monitoring & selection - Time & Frequency				
1	SAS36E	distribution -	\$	4,500.00	\$	4,500.00
		SecureSync Option Card with 4 x Programmable TTL Outputs-				
1	1204-17	Redundancy for Police System	\$	1,280.00	\$	1,280.00
1	CAB	Data Cabinet with Equipment Grounding,Cable Management	\$	1,800.00	\$	1,800.00
1	STHDWR	Site Hardware	\$	1,000.00	\$	1,000.00
1	BATTBCK-48	48v Telecom Battery Backup-AC and DC Backup-400Ah	\$	6,600.00	\$	6,600.00
24	SVC2022	Set-up and Programming/Tuning at ALL-COMM	\$	155.00	\$	3,720.00
20	SVC2022	Installation of New Simulcast Repeater	\$	155.00	\$	3,100.00

Sub-Total			\$	57,312.80
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DOT Tower Tait TB9400 Dual Mode Receiver with Digital & Analog Operation

Qty	Nomenclature	Description	Unit Price	Total Price
1	TB9444-RX4T	TB9400 Multi Receiver x4 Capable Chassis Assembly	\$ 1,090.26	\$ 1,090.26
1	T01-01104-MAAA	TB94 RxOnly 470-520MHz	\$ 1,707.48	\$ 1,707.48
		TB9000 Power Management Unit ACDC12volts with		
1	TBA30A1-1100	Aux12volts	\$ 2,481.03	\$ 2,481.03
1	TBAS050-R0	P25 Common Air Interface (CAI) - RxOnly	\$ 3,198.69	\$ 3,198.69
1	TBAS073	SFE Key - TaskBuilder	\$ 187.11	\$ 187.11
1	TBAS071-R0	IP Networking Satellite - RxOnly	\$ 379.08	\$ 379.08
1	90182	406-512 1 MHz Passband Preselector	\$ 1,285.75	\$ 1,285.75
1	JL261A	2930F 24G PoE+ 4 SFP Switch	\$ 2,975.00	\$ 2,975.00
2	J4859C	Fiber Transceiver	\$ 157.00	\$ 314.00
1	CAB	Data Cabinet with Equipment Grounding,Cable Management	\$ 1,800.00	\$ 1,800.00
1	STHDWR	Site Hardware	\$ 1,000.00	\$ 1,000.00
1	BATTBCK-12	12v Telecom Battery Backup-AC and DC Backup-100ah	\$ 3,350.00	\$ 3,350.00
24	SVC2022	Set-up and Programming/Tuning at ALL-COMM	\$ 155.00	\$ 3,720.00
20	SVC2022	Installation of New Simulcast Repeater	\$ 155.00	\$ 3,100.00

Sub-Total			\$	26,588.40
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Fiske School Tait TB9400 Dual Mode Receiver with Digital & Analog Operation

Qty	Nomenclature	Description	Unit Price	Total Price
1	TB9444-RX4T	TB9400 Multi Receiver x4 Capable Chassis Assembly	\$ 1,090.26	\$ 1,090.26
1	T01-01104-MAAA	TB94 RxOnly 470-520MHz	\$ 1,707.48	\$ 1,707.48
		TB9000 Power Management Unit ACDC12volts with		
1	TBA30A1-1100	Aux12volts	\$ 2,481.03	\$ 2,481.03
1	TBAS050-R0	P25 Common Air Interface (CAI) - RxOnly	\$ 3,198.69	\$ 3,198.69
1	TBAS073	SFE Key - TaskBuilder	\$ 187.11	\$ 187.11
1	TBAS071-R0	IP Networking Satellite - RxOnly	\$ 379.08	\$ 379.08
1	90182	406-512 1 MHz Passband Preselector	\$ 1,285.75	\$ 1,285.75
1	JL261A	2930F 24G PoE+ 4 SFP Switch	\$ 2,975.00	\$ 2,975.00
2	J4859C	Fiber Transceiver	\$ 157.00	\$ 314.00
1	CAB	Data Cabinet with Equipment Grounding,Cable Management	\$ 1,800.00	\$ 1,800.00
1	STHDWR	Site Hardware	\$ 1,000.00	\$ 1,000.00
1	BATTBCK-12	12v Telecom Battery Backup-AC and DC Backup-100ah	\$ 3,350.00	\$ 3,350.00
24	SVC2022	Set-up and Programming/Tuning at ALL-COMM	\$ 155.00	\$ 3,720.00
20	SVC2022	Installation of New Simulcast Repeater	\$ 155.00	\$ 3,100.00

Sub-Total			\$	26,588.40
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Harrington School Tait TB9400 Dual Mode Receiver with Digital & Analog Operation

Qty	Nomenclature	Description	Unit Price	Total Price
1	TB9444-RX4T	TB9400 Multi Receiver x4 Capable Chassis Assembly	\$ 1,090.26	\$ 1,090.26
1	T01-01104-MAAA	TB94 RxOnly 470-520MHz	\$ 1,707.48	\$ 1,707.48
		TB9000 Power Management Unit ACDC12volts with		
1	TBA30A1-1100	Aux12volts	\$ 2,481.03	\$ 2,481.03
1	TBAS050-R0	P25 Common Air Interface (CAI) - RxOnly	\$ 3,198.69	\$ 3,198.69
1	TBAS073	SFE Key - TaskBuilder	\$ 187.11	\$ 187.11
1	TBAS071-R0	IP Networking Satellite - RxOnly	\$ 379.08	\$ 379.08
1	90182	406-512 1 MHz Passband Preselector	\$ 1,285.75	\$ 1,285.75
1	JL261A	2930F 24G PoE+ 4 SFP Switch	\$ 2,975.00	\$ 2,975.00
2	J4859C	Fiber Transceiver	\$ 157.00	\$ 314.00
1	CAB	Data Cabinet with Equipment Grounding,Cable Management	\$ 1,800.00	\$ 1,800.00
1	STHDWR	Site Hardware	\$ 1,000.00	\$ 1,000.00
1	BATTBCK-12	12v Telecom Battery Backup-AC and DC Backup-100ah	\$ 3,350.00	\$ 3,350.00
24	SVC2022	Set-up and Programming/Tuning at ALL-COMM	\$ 155.00	\$ 3,720.00
20	SVC2022	Installation of New Simulcast Repeater	\$ 155.00	\$ 3,100.00

Sub-Total			\$	26,588.40
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Eastabrook School Tait TB9400 Dual Mode Receiver with Digital & Analog Operation

Qty	Nomenclature	Description	Unit Price	Total Price
1	TB9444-RX4T	TB9400 Multi Receiver x4 Capable Chassis Assembly	\$ 1,090.26	\$ 1,090.26
1	T01-01104-MAAA	TB94 RxOnly 470-520MHz	\$ 1,707.48	\$ 1,707.48

		TB9000 Power Management Unit ACDC12volts with			
1	TBA30A1-1100	Aux12volts	\$	2,481.03	\$ 2,481.03
1	TBAS050-R0	P25 Common Air Interface (CAI) - RxOnly	\$	3,198.69	\$ 3,198.69
1	TBAS073	SFE Key - TaskBuilder	\$	187.11	\$ 187.11
1	TBAS071-R0	IP Networking Satellite - RxOnly	\$	379.08	\$ 379.08
1	90182	406-512 1 MHz Passband Preselector	\$	1,285.75	\$ 1,285.75
1	JL261A	2930F 24G PoE+ 4 SFP Switch	\$	2,975.00	\$ 2,975.00
2	J4859C	Fiber Transceiver	\$	157.00	\$ 314.00
1	CAB	Data Cabinet with Equipment Grounding,Cable Management	\$	1,800.00	\$ 1,800.00
1	STHDWR	Site Hardware	\$	1,000.00	\$ 1,000.00
1	BATTBCK-12	12v Telecom Battery Backup-AC and DC Backup-100ah	\$	3,350.00	\$ 3,350.00
24	SVC2022	Set-up and Programming/Tuning at ALL-COMM	\$	155.00	\$ 3,720.00
20	SVC2022	Installation of New Simulcast Repeater	\$	155.00	\$ 3,100.00

Sub-Total

\$26,588.40

Rt95/Rt2 Tower Tait TB9400 Dual Mode Receiver with Digital & Analog Operation

Qty	Nomenclature	Description	Unit Price	Total Price
1	TB9444-RX4T	TB9400 Multi Receiver x4 Capable Chassis Assembly	\$ 1,090.26	\$ 1,090.26
1	T01-01104-MAAA	TB94 RxOnly 470-520MHz	\$ 1,707.48	\$ 1,707.48
		TB9000 Power Management Unit ACDC12volts with		
1	TBA30A1-1100	Aux12volts	\$ 2,481.03	\$ 2,481.03
1	90182	406-512 1 MHz Passband Preselector	\$ 1,285.75	\$ 1,285.75
1	TBAS073	SFE Key - TaskBuilder	\$ 187.11	\$ 187.11
1	TBAS050-R0	P25 Common Air Interface (CAI) - RxOnly	\$ 3,198.69	\$ 3,198.69
1	TBAS071-R0	IP Networking Satellite - RxOnly	\$ 379.08	\$ 379.08
6	SVC2022	Set-up and Programming/Tuning at ALL-COMM	\$ 155.00	\$ 930.00
8	SVC2022	Installation of New Simulcast Repeater	\$ 155.00	\$ 1,240.00

Sub-Total

\$12,499.40

Console Gateway

Qty	Nomenclature	Description	Unit Price	Total Price
1	TBA2645	TN9100 Subrack Multi Gateways Max 5 Channels	\$ 1,353.00	\$ 1,353.00
1	TBA50H2-PAC1	TN9100 P25 Console Gateway Reciter	\$ 5,230.00	\$ 5,230.00
		TB9000 Power Management Unit ACDC48volts with		
1	TBA30A4-4100	Aux12volts	\$ 2,481.03	\$ 2,481.03
1	TBAS054	MDC1200 Signalling on Analog Line	\$ 278.00	\$ 278.00
1			\$	-
6	SVC2022	Set-up and Programming/Tuning at ALL-COMM	\$ 155.00	\$ 930.00
16	SVC2022	Installation of New Simulcast Repeater	\$ 155.00	\$ 2,480.00

Sub-Total

\$12,752.03

Qty	Nomenclature	Description	Unit Price	Total Price
		Tait Enable Monitor & Management System		
1	1000-0221-0001-AAA/	EnableMonitor Server AC Essential 100 Network Devices 1 Year Maintenance Relay DIN	\$ 18,885.00	\$ 18,885.00
1	TEMMC100	EnableMonitor support and maintenance fee for 100devices	\$ 1,885.91	\$ 1,885.91
1	02-SSC-5654	SONICWALL TZ670 High Availability Security Appliance	\$ 1,698.91	\$ 1,698.91
1	RM-SW-T9	Rackmount Kit	\$ 166.92	\$ 166.92
1	MGMT-PC	DELL Desktop PC Core i7 i7-9700 - 16GB RAM - 256GB SSD	\$ 1,427.65	\$ 1,427.65
1	KIWISYS	Syslog Software	\$ 300.00	\$ 300.00
1	AVAIL255	Availability Software	\$ 350.00	\$ 350.00
16	X400	IP Realy	\$ 385.00	\$ 6,160.00
2	5903	Cat6A STP Patch Cable -14'	\$ 18.23	\$ 36.46
1	01-USB2	KVM USB Server Interface Unit	\$ 104.70	\$ 104.70
			\$	-
36	SCV2022T	Technician labor	\$ 155.00	\$ 5,580.00

Sub-Total

\$36,595.55

Portables/Mobiles PM

Qty	Nomenclature	Description	Unit Price	Total Price
1	PROG	Subscriber Preventive Maintnance,Program Update	\$ 3,720.00	\$ 3,720.00

Sub-Total

\$3,720.00

Digital & Analog Simulcast System Project -Total

\$343,858.98

Manufacturers warranty applies.

Pricing is valid for 90 days from above date