

ATTACHMENT D

Appendix B-2.1 VHF Enhanced Pricing

Pricing Assumptions:

General:

Revisions to the Agreement Price or other details in this quote may be required if the following assumptions are incorrect or incomplete.

Network

- Bandwidth on FO network is insufficient for both existing applications and quoted additional new equipment.
- COUNTY- supplied backhaul network links support multicast traffic, support an MTU size of up to 1526 bytes, and provide a dedicated interface in the form of FO connector (Type TBD) for connection to Nokia SAR 8 routers.
- IP addresses are available for use in blocks of sufficient quantity on any existing network to accommodate routing between the sites and equipment specified. If only analog circuits are available, routers have been considered with DSU/CSU capability.
- Networks conform to the performance and design criteria specified in the Carrier Transport Requirements document, available on request.

Sites

- COUNTY will ensure/supply adequate physical space at existing sites for the installation, use, and maintenance of the system. New site development is not included.
- This change does not include any additional work in the Dispatch Centers.
- COUNTY will ensure/provide adequate temperature/environmental control, grounding and lightning protection at existing sites. Temperature environmental controls must be present at Provisional acceptance or the warranty will be voided.
- Uninterruptible power supplies (UPS) or power conditioning equipment if required/desired is the responsibility of the COUNTY.
- Power adequate for the installation, use, and maintenance of the system will be provided at all sites, to include adequate outlets, distribution, and source power. Necessary upgrades are the responsibility of the COUNTY.

- Transmit and receive antennas will be mounted on new towers at all locations using standard mechanical fasteners.
- Unless specifically quoted, removal and disposal of RF equipment, antennas, cabling, etc. from any previously deployed radio system is not included.
- Ready access to all facilities will be available as necessary during the scheduled visit. To reduce the number of days in the field, access is frequently necessary for 10 working hours per day (e.g., 7 am to 6 pm).

Services

- Third-party services, procurement, and management are the responsibility of the COUNTY unless specifically included in this quote.
- Post-installation testing and test plan creation not specifically identified in this quote is not included.

Products

- Software and equipment specified in the quote are generally released CONTRACTOR solutions. No tailoring of existing features or new feature development will be performed unless otherwise stated in this quote.
- Many of the items in this quote can require up to forty (40) weeks lead time from date of purchase order for procurement and production. Additional time will be required for any necessary pre-staging and programming. COUNTY should account for equipment lead time in any proposed implementation schedule.

Warranty and Maintenance

- For CONTRACTOR software maintenance/warranty to remain valid, the equipment must be installed in an environmentally controlled shelter.

TABLE C.1 - TOTAL PRICE SUMMARY		
TABLE C.1.A – SYSTEM PRICE SUMMARY		
	System Equipment	Discounted Price
VHF Radio System		\$ 474,434.57
UHF Trunked Radio System		\$ 135,270.80
Microwave Backhaul Network		\$ 687,426.96
Sheriff Dispatch		\$ -
Fire Dispatch		\$ -
Site Development		\$ 77,262.30
Spare and Test Equipment		\$ 52,671.67
	TOTAL EQUIPMENT PRICE	\$ 1,427,066.30
Implementation Services		
System Equipment Services		\$ 1,415,180.50
System Engineering Services		\$ 249,754.15
Site Development Services		\$ 327,460.50
Migration/Cutover Services		\$ 4,300.00
Project Management Services		\$ 200,840.00
System Training Services		\$ -
Performance Bond		\$ -
Other - 2 yr W/M		\$ 117,696.50
	TOTAL SERVICES PRICE	\$ 2,315,231.65
	SYSTEM BASE PROPOSAL PRICE	\$ 3,742,297.95
If contract is signed by February 1, 2021, County will receive intelligent redundancy & automatic event-based healing with resiliency at no additional charge.		
	SYSTEM DISCOUNTED PROPOSAL PRICE	\$ 3,742,297.95

TOTAL DISCOUNTED SYSTEM AND SUBSCRIBER PRICE		\$ 3,742,297.95
VHF		\$ 739,639.34
MW		\$ 687,426.96
Implementation		\$ 2,315,231.65
Sales Tax		\$ 124,868.30
Total		\$ 3,867,166.25
Contingency		\$ 386,716.63
Total with Contingency		\$ 4,253,883

	\$	-
	\$	-
	\$	-
SUBTOTAL	\$	-
Other Equipment, Software, and Licensing		
	\$	-
	\$	-
	\$	-
	\$	-
	\$	-
	\$	-
	\$	-
	\$	-
	\$	-
	\$	-
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	\$	-
SUBTOTAL	\$	-
TOTAL EQUIPMENT PRICE	\$	474,434.57

SecureSync GPS timing and ancillary equipment (Shared with UHF System and priced in UHF tab)				\$	-		\$	-
<i>Site Racks and Accessories (Shared with UHF System and priced in UHF tab)</i>				\$	-		\$	-
				\$	-		\$	-
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				\$	-		\$	-
SUBTOTAL							\$	76,211.91
Antenna Systems								
VHF Combiner Equipment (Lot)		\$ 14,174.77	1	\$	14,174.77	30.00%	\$	9,922.34
VHF Multicoupler Equipment (Lot)		\$ 3,510.50	1	\$	3,510.50	30.00%	\$	2,457.35
VHF Antennas, Hardware, and Feedline (Lot)		\$ 8,993.31	1	\$	8,993.31	30.00%	\$	6,295.31
				\$	-		\$	-
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				\$	-		\$	-
				\$	-		\$	-
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SUBTOTAL							\$	18,675.00
Networking Equipment, Software, and Licensing								
				\$	-		\$	-
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				\$ -	\$ -
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				\$ -	\$ -
SUBTOTAL				\$ -	\$ -
Other Equipment, Software, and Licensing					
				\$ -	\$ -
				\$ -	\$ -
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				\$ -	\$ -
SUBTOTAL				\$ -	\$ -
TOTAL EQUIPMENT PRICE				\$ -	\$ 94,886.91

SecureSync GPS timing and ancillary equipment (Shared with UHF System and priced in UHF tab)				\$	-			\$	-
<i>Site Racks and Accessories (Shared with UHF System and priced in UHF tab)</i>				\$	-			\$	-
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				\$	-			\$	-
SUBTOTAL								\$	76,211.91
Antenna Systems									
VHF Combiner Equipment (Lot)	\$	14,174.77	1	\$	14,174.77	30.00%		\$	9,922.34
VHF Multicoupler Equipment (Lot)	\$	3,510.50	1	\$	3,510.50	30.00%		\$	2,457.35
VHF Antennas, Hardware, and Feedline (Lot)	\$	8,993.31	1	\$	8,993.31	30.00%		\$	6,295.31
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SUBTOTAL								\$	18,675.00
Networking Equipment, Software, and Licensing									
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SUBTOTAL							\$	-
Other Equipment, Software, and Licensing								
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SUBTOTAL							\$	-
TOTAL EQUIPMENT PRICE							\$	94,886.91

TABLE C.2 - FIRE VHF RADIO SYSTEM		City Fire Station 7			
New Configuration					
Site Description --->		ta Barbara, Simulcast UHF , Simulcast VHF, Optional Simulca			
Subsystem Category	Unit Price	Qty	Extended Price	Discount %	Discounted Price
System Control Equipment, Software, and Licensing					
	\$ -				\$ -
	\$ -				\$ -
	\$ -				\$ -
	\$ -				\$ -
	\$ -				\$ -
	\$ -				\$ -
	\$ -				\$ -
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	\$ -				\$ -
SUBTOTAL					\$ -
Network Management Equipment, Software, and Licensing					
<i>Shared with UHF System and priced in UHF tab</i>					
	\$ -				\$ -
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SUBTOTAL					\$ -
Radio System Equipment, Software and Licensing					
ATLAS 4500 DC VHF Phases 1 Conventional Simulcast Repeater	\$ 27,025.50	6	\$ 162,153.00	53.00%	\$ 76,211.91

SecureSync GPS timing and ancillary equipment (Shared with UHF System and priced in UHF tab)				\$	-			\$	-		
<i>Site Racks and Accessories (Shared with UHF System and priced in UHF tab)</i>				\$	-			\$	-		
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				\$	-			\$	-		
				\$	-			\$	-		
				\$	-			\$	-		
SUBTOTAL								\$	76,211.91		
Antenna Systems											
VHF Combiner Equipment (Lot)	\$	14,174.77	1	\$	14,174.77				30.00%	\$	9,922.34
VHF Multicoupler Equipment (Lot)	\$	3,510.50	1	\$	3,510.50				30.00%	\$	2,457.35
VHF Antennas, Hardware, and Feedline (Lot)	\$	8,993.31	1	\$	8,993.31				30.00%	\$	6,295.31
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SUBTOTAL								\$		\$	18,675.00
Networking Equipment, Software, and Licensing											
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SUBTOTAL				\$	-	\$	-
Other Equipment, Software, and Licensing							
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				\$	-	\$	-
SUBTOTAL				\$	-	\$	-
TOTAL EQUIPMENT PRICE				\$	94,886.91	\$	94,886.91

SecureSync GPS timing and ancillary equipment (Shared with UHF System and priced in UHF tab)				\$	-		\$	-
<i>Site Racks and Accessories (Shared with UHF System and priced in UHF tab)</i>				\$	-		\$	-
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				\$	-		\$	-
				\$	-		\$	-
SUBTOTAL							\$	76,211.91
Antenna Systems								
VHF Combiner Equipment (Lot)	\$	14,174.77	1	\$	14,174.77	30.00%	\$	9,922.34
VHF Multicoupler Equipment (Lot)	\$	3,510.50	1	\$	3,510.50	30.00%	\$	2,457.35
VHF Antennas, Hardware, and Feedline (Lot)	\$	8,993.31	1	\$	8,993.31	30.00%	\$	6,295.31
				\$			\$	
				\$			\$	
				\$			\$	
				\$			\$	
				\$			\$	
				\$			\$	
SUBTOTAL							\$	18,675.00
Networking Equipment, Software, and Licensing								
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SUBTOTAL					\$ -	\$ -
Other Equipment, Software, and Licensing						
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SUBTOTAL					\$ -	\$ -
TOTAL EQUIPMENT PRICE					\$ -	\$ 94,886.91

System Category	Site Description	Site 6		Site 7		Site 8		Site 9		Site 10	
		Qty	Unit Price	Qty	Unit Price	Qty	Unit Price	Qty	Unit Price	Qty	Unit Price
System Control Equipment, Software, and Licensing	New Configuration	Extended Price	\$ -	Extended Price	\$ -	Extended Price	\$ -	Extended Price	\$ -	Extended Price	\$ -
		Discounted Price	\$ -	Discounted Price	\$ -	Discounted Price	\$ -	Discounted Price	\$ -	Discounted Price	\$ -
		Discount %	-	Discount %	-	Discount %	-	Discount %	-	Discount %	-
SUBTOTAL			\$ -		\$ -		\$ -		\$ -		\$ -
Network Management Equipment, Software, and Licensing		Acertix Siteless 530 Remote Site Manager alarm panel with temperature probe		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
SUBTOTAL			\$ -		\$ -		\$ -		\$ -		\$ -
Radio System Equipment, Software, and Licensing		SecureSync GPS Timing and ancillary equipment (Lot)		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
SUBTOTAL			\$ -		\$ -		\$ -		\$ -		\$ -
Antenna Systems		Site Racks and Accessories (Lot)		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
SUBTOTAL			\$ -		\$ -		\$ -		\$ -		\$ -
Networking Equipment, Software, and Licensing		OmniStack Switch 6850		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
SUBTOTAL			\$ -		\$ -		\$ -		\$ -		\$ -
ISB Equipment, Software, and Licensing		SFB Fiber Interface Module		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
SUBTOTAL			\$ -		\$ -		\$ -		\$ -		\$ -
Other Equipment, Software, and Licensing		Capture Server with WireShark Network Analyzer		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
SUBTOTAL			\$ -		\$ -		\$ -		\$ -		\$ -
TOTAL EQUIPMENT PRICE			\$ -		\$ -		\$ -		\$ -		\$ -

TABLE C.4 - MICROWAVE BACKHAUL			
New Configuration	ALL SITES TOTAL	Site --->	1
Site Description --->			
Subsystem Category	Equipment Discounted	Unit Price	Qty
Microwave Radios (hardware, software, and licensing)			
MPT-HLC XCVR L6 GHz (5720 - 6425) (2+0)	\$ 159,883.20	\$ 39,970.80	
MPT-HLC Plus XCVR 11GHz(2+0)	\$ 199,935.20	\$ 49,983.80	
MPT-HLC XCVR 11 GHz HP W/OUT COMBINER (10700 - 11700)(2+0)	\$ 70,952.80	\$ 35,476.40	
	\$ -	\$ -	
	\$ -	\$ -	
	\$ -	\$ -	
	\$ -	\$ -	
	\$ -	\$ -	
	\$ -	\$ -	
	\$ -	\$ -	
	\$ -	\$ -	
	\$ -	\$ -	
SUBTOTAL	\$ 430,771.20		
Antennas, coaxial cable, waveguide and accessories			
6GHz Antennas, Hardware, and Feedline (Lot)	\$ 21,870.64		
6GHz Elliptical Waveguide, Hardware, and Cabling (Lot)	\$ 22,115.76		
11GHz Antennas, Hardware, and Feedline (Lot)	\$ 19,700.82		
11GHz Elliptical Waveguide, Hardware, and Cabling (Lot)	\$ 23,761.28		
Dehydrator, Manifold and Accessories (Lot)	\$ 17,030.54		
Ice Shields for dishes below 30ft of the top of the tower	\$ -		
	\$ -		
	\$ -		
	\$ -		
	\$ -		
	\$ -		
	\$ -		
SUBTOTAL	\$ 104,479.04		
Equipment rack and accessories			
Racks, Breaker Panels, Cables and Accessories (Lot)	\$ 21,462.09		
	\$ -		
	\$ -		
	\$ -		
	\$ -		
	\$ -		
	\$ -		
	\$ -		
	\$ -		
	\$ -		
	\$ -		
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	\$ -		
	\$ -		
	\$ -		
SUBTOTAL	\$ 21,462.09		

	\$	-		
	\$	-		
SUBTOTAL	\$	-		
TOTAL EQUIPMENT PRICE	\$	687,426.96		

TABLE C.4 - MICROWAVE BACKHAUL		
New Configuration	Betteravia	
Site Description --->	Network Management S	
Subsystem Category	Extended Price	Discount %
Microwave Radios (hardware, software, and licensing)		
MPT-HLC XCVR L6 GHz (5720 - 6425) (2+0)	\$ -	
MPT-HLC Plus XCVR 11GHz(2+0)	\$ -	
MPT-HLC XCVR 11 GHz HP W/OUT COMBINER (10700 - 11700)(2+0)	\$ -	
	\$ -	
	\$ -	
	\$ -	
	\$ -	
	\$ -	
	\$ -	
	\$ -	
	\$ -	
	\$ -	
	\$ -	
SUBTOTAL		
Antennas, coaxial cable, waveguide and accessories		
6GHz Antennas, Hardware, and Feedline (Lot)	\$ -	
6GHz Elliptical Waveguide, Hardware, and Cabling (Lot)	\$ -	
11GHz Antennas, Hardware, and Feedline (Lot)	\$ -	
11GHz Elliptical Waveguide, Hardware, and Cabling (Lot)	\$ -	
Dehydrator, Manifold and Accessories (Lot)	\$ -	
Ice Shields for dishes below 30ft of the top of the tower	\$ -	
	\$ -	
	\$ -	
	\$ -	
	\$ -	
	\$ -	
SUBTOTAL		
Equipment rack and accessories		
Racks, Breaker Panels, Cables and Accessories (Lot)	\$ -	16.00%
	\$ -	
	\$ -	
	\$ -	
	\$ -	
	\$ -	
	\$ -	
	\$ -	
	\$ -	
	\$ -	
	\$ -	
SUBTOTAL		

	\$	-	
	\$	-	
SUBTOTAL			
TOTAL EQUIPMENT PRICE			

TABLE C.4 - MICROWAVE BACKHAUL	
New Configuration	
Site Description --->	ite
Subsystem Category	Discounted Price
Microwave Radios (hardware, software, and licensing)	
MPT-HLC XCVR L6 GHz (5720 - 6425) (2+0)	\$ -
MPT-HLC Plus XCVR 11GHz(2+0)	\$ -
MPT-HLC XCVR 11 GHz HP W/OUT COMBINER (10700 - 11700)(2+0)	\$ -
	\$ -
	\$ -
	\$ -
	\$ -
	\$ -
	\$ -
	\$ -
	\$ -
	\$ -
SUBTOTAL	\$ -
Antennas, coaxial cable, waveguide and accessories	
6GHz Antennas, Hardware, and Feedline (Lot)	\$ -
6GHz Elliptical Waveguide, Hardware, and Cabling (Lot)	\$ -
11GHz Antennas, Hardware, and Feedline (Lot)	\$ -
11GHz Elliptical Waveguide, Hardware, and Cabling (Lot)	\$ -
Dehydrator, Manifold and Accessories (Lot)	\$ -
Ice Shields for dishes below 30ft of the top of the tower	\$ -
	\$ -
	\$ -
	\$ -
	\$ -
SUBTOTAL	\$ -
Equipment rack and accessories	
Racks, Breaker Panels, Cables and Accessories (Lot)	\$ -
	\$ -
	\$ -
	\$ -
	\$ -
	\$ -
	\$ -
	\$ -
	\$ -
	\$ -
SUBTOTAL	\$ -

	\$ -
	\$ -
SUBTOTAL	\$ -
TOTAL EQUIPMENT PRICE	\$ -

TABLE C.4 - MICROWAVE BACKHAUL			
New Configuration			
Site Description --->		Site --->	2
Subsystem Category		Unit Price	Qty
		Network Manager	
		Extended Price	
Microwave Radios (hardware, software, and licensing)			
MPT-HLC XCVR L6 GHz (5720 - 6425) (2+0)	\$ 39,970.80	1	\$ 39,970.80
MPT-HLC Plus XCVR 11GHz(2+0)	\$ 49,983.80		\$ -
MPT-HLC XCVR 11 GHz HP W/OUT COMBINER (10700 - 11700)(2+0)	\$ 35,476.40		\$ -
	\$ -		\$ -
	\$ -		\$ -
			\$ -
	\$ -		\$ -
	\$ -		\$ -
			\$ -
			\$ -
SUBTOTAL			
Antennas, coaxial cable, waveguide and accessories			
6GHz Antennas, Hardware, and Feedline (Lot)	\$ 4,339.41	1	\$ 4,339.41
6GHz Elliptical Waveguide, Hardware, and Cabling (Lot)	\$ 4,388.05	1	\$ 4,388.05
11GHz Antennas, Hardware, and Feedline (Lot)			\$ -
11GHz Elliptical Waveguide, Hardware, and Cabling (Lot)			\$ -
Dehydrator, Manifold and Accessories (Lot)	\$ 4,777.14	1	\$ 4,777.14
Ice Shields for dishes below 30ft of the top of the tower			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
SUBTOTAL			
Equipment rack and accessories			
Racks, Breaker Panels, Cables and Accessories (Lot)	\$ 6,347.00	1	\$ 6,347.00
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
SUBTOTAL			

T1 Multiplexers			
Native TDM Module (Lot)	\$ -		\$ -
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
SUBTOTAL			
Multi-protocol label switching (MPLS) routers			
Nokia 7705 SAR-8 MPLS Router	\$ 17,600.10	1	\$ 17,600.10
Eclipse Intelligent Nodal Unit (Lot)	\$ 11,268.69	1	\$ 11,268.69
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
SUBTOTAL			
GPS based timing system			
Shared with radio sites (and priced in UHF tab)			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
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			\$ -
			\$ -
SUBTOTAL			
Other Equipment, Software, and Licensing			
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -

			\$	-
			\$	-
	SUBTOTAL			
	TOTAL EQUIPMENT PRICE			

TABLE C.4 - MICROWAVE BACKHAUL			
New Configuration		Buellton	
Site Description --->		ment Site, Optional Simulcast 800 MHz	
Subsystem Category	Discount %	Discounted Price	
Microwave Radios (hardware, software, and licensing)			
MPT-HLC XCVR L6 GHz (5720 - 6425) (2+0)			\$ 39,970.80
MPT-HLC Plus XCVR 11GHz(2+0)			\$ -
MPT-HLC XCVR 11 GHz HP W/OUT COMBINER (10700 - 11700)(2+0)			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
SUBTOTAL			\$ 39,970.80
Antennas, coaxial cable, waveguide and accessories			
6GHz Antennas, Hardware, and Feedline (Lot)	16.00%		\$ 3,645.11
6GHz Elliptical Waveguide, Hardware, and Cabling (Lot)	16.00%		\$ 3,685.96
11GHz Antennas, Hardware, and Feedline (Lot)	16.00%		\$ -
11GHz Elliptical Waveguide, Hardware, and Cabling (Lot)	16.00%		\$ -
Dehydrator, Manifold and Accessories (Lot)	16.00%		\$ 4,012.79
Ice Shields for dishes below 30ft of the top of the tower	16.00%		\$ -
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
SUBTOTAL			\$ 11,343.86
Equipment rack and accessories			
Racks, Breaker Panels, Cables and Accessories (Lot)	16.00%		\$ 5,331.48
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
SUBTOTAL			\$ 5,331.48

T1 Multiplexers		
Native TDM Module (Lot)	16.00%	\$ -
		\$ -
		\$ -
		\$ -
		\$ -
		\$ -
		\$ -
		\$ -
		\$ -
		\$ -
SUBTOTAL		\$ -
Multi-protocol label switching (MPLS) routers		
Nokia 7705 SAR-8 MPLS Router	30.00%	\$ 12,320.07
Eclipse Intelligent Nodal Unit (Lot)	16.00%	\$ 9,465.70
		\$ -
		\$ -
		\$ -
		\$ -
		\$ -
		\$ -
		\$ -
SUBTOTAL		\$ 21,785.77
GPS based timing system		
Shared with radio sites (and priced in UHF tab)		\$ -
		\$ -
		\$ -
		\$ -
		\$ -
		\$ -
		\$ -
		\$ -
		\$ -
		\$ -
SUBTOTAL		\$ -
Other Equipment, Software, and Licensing		
	16.00%	\$ -
		\$ -
		\$ -
		\$ -
		\$ -
		\$ -
		\$ -
		\$ -

		\$ -
		\$ -
	SUBTOTAL	\$ -
	TOTAL EQUIPMENT PRICE	\$ 78,431.91

TABLE C.4 - MICROWAVE BACKHAUL			
New Configuration			
Site Description --->		Site --->	3
Subsystem Category			
Unit Price Qty Extended Price			
Microwave Radios (hardware, software, and licensing)			
MPT-HLC XCVR L6 GHz (5720 - 6425) (2+0)	\$ 39,970.80	1	\$ 39,970.80
MPT-HLC Plus XCVR 11GHz(2+0)	\$ 49,983.80		\$ -
MPT-HLC XCVR 11 GHz HP W/OUT COMBINER (10700 - 11700)(2+0)	\$ 35,476.40		\$ -
	\$ -		\$ -
	\$ -		\$ -
			\$ -
	\$ -		\$ -
	\$ -		\$ -
			\$ -
			\$ -
			\$ -
SUBTOTAL			
Antennas, coaxial cable, waveguide and accessories			
6GHz Antennas, Hardware, and Feedline (Lot)			\$ -
6GHz Elliptical Waveguide, Hardware, and Cabling (Lot)			\$ -
11GHz Antennas, Hardware, and Feedline (Lot)	\$ 3,350.48	1	\$ 3,350.48
11GHz Elliptical Waveguide, Hardware, and Cabling (Lot)	\$ 4,844.69	1	\$ 4,844.69
Dehydrator, Manifold and Accessories (Lot)	\$ 4,873.06	1	\$ 4,873.06
Ice Shields for dishes below 30ft of the top of the tower	\$ -	0	\$ -
			\$ -
			\$ -
			\$ -
			\$ -
SUBTOTAL			
Equipment rack and accessories			
Racks, Breaker Panels, Cables and Accessories (Lot)	\$ 6,401.04	1	\$ 6,401.04
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
SUBTOTAL			

T1 Multiplexers			
Native TDM Module (Lot)	\$ -		\$ -
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
SUBTOTAL			
Multi-protocol label switching (MPLS) routers			
Nokia 7705 SAR-8 MPLS Router	\$ 17,600.10	1	\$ 17,600.10
Eclipse Intelligent Nodal Unit (Lot)	\$ 11,268.69	1	\$ 11,268.69
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
SUBTOTAL			
GPS based timing system			
Shared with radio sites (and priced in UHF tab)			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
SUBTOTAL			
Other Equipment, Software, and Licensing			
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -

			\$	-
			\$	-
	SUBTOTAL			
	TOTAL EQUIPMENT PRICE			

TABLE C.4 - MICROWAVE BACKHAUL		
New Configuration		City Fire Station 7
Site Description --->		t UHF , Simulcast VHF, Optional Simulcast
Subsystem Category	Discount %	Discounted Price
Microwave Radios (hardware, software, and licensing)		
MPT-HLC XCVR L6 GHz (5720 - 6425) (2+0)		\$ 39,970.80
MPT-HLC Plus XCVR 11GHz(2+0)		\$ -
MPT-HLC XCVR 11 GHz HP W/OUT COMBINER (10700 - 11700)(2+0)		\$ -
		\$ -
		\$ -
		\$ -
		\$ -
		\$ -
		\$ -
		\$ -
		\$ -
		\$ -
SUBTOTAL		\$ 39,970.80
Antennas, coaxial cable, waveguide and accessories		
6GHz Antennas, Hardware, and Feedline (Lot)	16.00%	\$ -
6GHz Elliptical Waveguide, Hardware, and Cabling (Lot)	16.00%	\$ -
11GHz Antennas, Hardware, and Feedline (Lot)	16.00%	\$ 2,814.40
11GHz Elliptical Waveguide, Hardware, and Cabling (Lot)	16.00%	\$ 4,069.54
Dehydrator, Manifold and Accessories (Lot)	16.00%	\$ 4,093.37
Ice Shields for dishes below 30ft of the top of the tower	16.00%	\$ -
		\$ -
		\$ -
		\$ -
		\$ -
SUBTOTAL		\$ 10,977.31
Equipment rack and accessories		
Racks, Breaker Panels, Cables and Accessories (Lot)	16.00%	\$ 5,376.87
		\$ -
		\$ -
		\$ -
		\$ -
		\$ -
		\$ -
		\$ -
		\$ -
		\$ -
SUBTOTAL		\$ 5,376.87

T1 Multiplexers		
Native TDM Module (Lot)	16.00%	\$ -
		\$ -
		\$ -
		\$ -
		\$ -
		\$ -
		\$ -
		\$ -
		\$ -
		\$ -
SUBTOTAL		\$ -
Multi-protocol label switching (MPLS) routers		
Nokia 7705 SAR-8 MPLS Router	30.00%	\$ 12,320.07
Eclipse Intelligent Nodal Unit (Lot)	16.00%	\$ 9,465.70
		\$ -
		\$ -
		\$ -
		\$ -
		\$ -
		\$ -
		\$ -
		\$ -
SUBTOTAL		\$ 21,785.77
GPS based timing system		
Shared with radio sites (and priced in UHF tab)		\$ -
		\$ -
		\$ -
		\$ -
		\$ -
		\$ -
		\$ -
		\$ -
		\$ -
SUBTOTAL		\$ -
Other Equipment, Software, and Licensing		
	16.00%	\$ -
		\$ -
		\$ -
		\$ -
		\$ -
		\$ -
		\$ -
		\$ -

		\$ -
		\$ -
	SUBTOTAL	\$ -
	TOTAL EQUIPMENT PRICE	\$ 78,110.75

TABLE C.4 - MICROWAVE BACKHAUL			
New Configuration			
Site Description --->		Site --->	4
Subsystem Category			
Unit Price		Qty	Extended Price
Microwave Radios (hardware, software, and licensing)			
MPT-HLC XCVR L6 GHz (5720 - 6425) (2+0)	\$ 39,970.80		\$ -
MPT-HLC Plus XCVR 11GHz(2+0)	\$ 49,983.80	1	\$ 49,983.80
MPT-HLC XCVR 11 GHz HP W/OUT COMBINER (10700 - 11700)(2+0)	\$ 35,476.40	1	\$ 35,476.40
	\$ -		\$ -
	\$ -		\$ -
			\$ -
	\$ -		\$ -
	\$ -		\$ -
			\$ -
			\$ -
SUBTOTAL			
Antennas, coaxial cable, waveguide and accessories			
6GHz Antennas, Hardware, and Feedline (Lot)	\$ 4,339.41	1	\$ 4,339.41
6GHz Elliptical Waveguide, Hardware, and Cabling (Lot)	\$ 4,388.05	1	\$ 4,388.05
11GHz Antennas, Hardware, and Feedline (Lot)	\$ 6,700.96	1	\$ 6,700.96
11GHz Elliptical Waveguide, Hardware, and Cabling (Lot)	\$ 7,814.18	1	\$ 7,814.18
Dehydrator, Manifold and Accessories (Lot)	\$ 5,394.54	1	\$ 5,394.54
Ice Shields for dishes below 30ft of the top of the tower			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
SUBTOTAL			
Equipment rack and accessories			
Racks, Breaker Panels, Cables and Accessories (Lot)	\$ 6,401.04	1	\$ 6,401.04
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
SUBTOTAL			

T1 Multiplexers			
Native TDM Module (Lot)	\$ -		\$ -
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
SUBTOTAL			
Multi-protocol label switching (MPLS) routers			
Nokia 7705 SAR-8 MPLS Router	\$ 17,600.10	1	\$ 17,600.10
Eclipse Intelligent Nodal Unit (Lot)	\$ 11,268.69	1	\$ 11,268.69
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
SUBTOTAL			
GPS based timing system			
Shared with radio sites (and priced in UHF tab)			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
SUBTOTAL			
Other Equipment, Software, and Licensing			
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -

			\$	-
			\$	-
	SUBTOTAL			
	TOTAL EQUIPMENT PRICE			

TABLE C.4 - MICROWAVE BACKHAUL		White Hills	
New Configuration			
Site Description --->	1	t UHF , Simulcast VHF, Optional Simulcast	
Subsystem Category	Discount %	Discounted Price	
Microwave Radios (hardware, software, and licensing)			
MPT-HLC XCVR L6 GHz (5720 - 6425) (2+0)			\$ -
MPT-HLC Plus XCVR 11GHz(2+0)			\$ 49,983.80
MPT-HLC XCVR 11 GHz HP W/OUT COMBINER (10700 - 11700)(2+0)			\$ 35,476.40
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
SUBTOTAL			\$ 85,460.20
Antennas, coaxial cable, waveguide and accessories			
6GHz Antennas, Hardware, and Feedline (Lot)	16.00%		\$ 3,645.11
6GHz Elliptical Waveguide, Hardware, and Cabling (Lot)	16.00%		\$ 3,685.96
11GHz Antennas, Hardware, and Feedline (Lot)	16.00%		\$ 5,628.81
11GHz Elliptical Waveguide, Hardware, and Cabling (Lot)	16.00%		\$ 6,563.91
Dehydrator, Manifold and Accessories (Lot)	16.00%		\$ 4,531.42
Ice Shields for dishes below 30ft of the top of the tower	16.00%		\$ -
			\$ -
			\$ -
			\$ -
			\$ -
SUBTOTAL			\$ 24,055.20
Equipment rack and accessories			
Racks, Breaker Panels, Cables and Accessories (Lot)	16.00%		\$ 5,376.87
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
SUBTOTAL			\$ 5,376.87

T1 Multiplexers		
Native TDM Module (Lot)	16.00%	\$ -
		\$ -
		\$ -
		\$ -
		\$ -
		\$ -
		\$ -
		\$ -
		\$ -
		\$ -
		\$ -
SUBTOTAL		\$ -
Multi-protocol label switching (MPLS) routers		
Nokia 7705 SAR-8 MPLS Router	30.00%	\$ 12,320.07
Eclipse Intelligent Nodal Unit (Lot)	16.00%	\$ 9,465.70
		\$ -
		\$ -
		\$ -
		\$ -
		\$ -
		\$ -
		\$ -
		\$ -
SUBTOTAL		\$ 21,785.77
GPS based timing system		
Shared with radio sites (and priced in UHF tab)		\$ -
		\$ -
		\$ -
		\$ -
		\$ -
		\$ -
		\$ -
		\$ -
		\$ -
		\$ -
SUBTOTAL		\$ -
Other Equipment, Software, and Licensing		
	16.00%	\$ -
		\$ -
		\$ -
		\$ -
		\$ -
		\$ -
		\$ -
		\$ -
		\$ -

		\$ -
		\$ -
	SUBTOTAL	\$ -
	TOTAL EQUIPMENT PRICE	\$ 136,678.05

TABLE C.4 - MICROWAVE BACKHAUL			
New Configuration			
Site Description --->		Site --->	5
ta Barbara, Simulcas			
Subsystem Category	Unit Price	Qty	Extended Price
Microwave Radios (hardware, software, and licensing)			
MPT-HLC XCVR L6 GHz (5720 - 6425) (2+0)	\$ 39,970.80		\$ -
MPT-HLC Plus XCVR 11GHz(2+0)	\$ 49,983.80	1	\$ 49,983.80
MPT-HLC XCVR 11 GHz HP W/OUT COMBINER (10700 - 11700)(2+0)	\$ 35,476.40		\$ -
	\$ -		\$ -
	\$ -		\$ -
			\$ -
	\$ -		\$ -
	\$ -		\$ -
			\$ -
			\$ -
SUBTOTAL			
Antennas, coaxial cable, waveguide and accessories			
6GHz Antennas, Hardware, and Feedline (Lot)	\$ 4,339.41	1	\$ 4,339.41
6GHz Elliptical Waveguide, Hardware, and Cabling (Lot)	\$ 4,388.05	1	\$ 4,388.05
11GHz Antennas, Hardware, and Feedline (Lot)	\$ -	0	\$ -
11GHz Elliptical Waveguide, Hardware, and Cabling (Lot)	\$ -	0	\$ -
Dehydrator, Manifold and Accessories (Lot)	\$ 5,229.72	1	\$ 5,229.72
Ice Shields for dishes below 30ft of the top of the tower	\$ -	0	\$ -
			\$ -
			\$ -
			\$ -
			\$ -
SUBTOTAL			
Equipment rack and accessories			
Racks, Breaker Panels, Cables and Accessories (Lot)	\$ 6,401.04	1	\$ 6,401.04
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
SUBTOTAL			

T1 Multiplexers			
Native TDM Module (Lot)	\$ -		\$ -
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
SUBTOTAL			
Multi-protocol label switching (MPLS) routers			
Nokia 7705 SAR-8 MPLS Router	\$ 17,600.10	1	\$ 17,600.10
Eclipse Intelligent Nodal Unit (Lot)	\$ 11,268.69	1	\$ 11,268.69
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
SUBTOTAL			
GPS based timing system			
Shared with radio sites (and priced in UHF tab)			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
SUBTOTAL			
Other Equipment, Software, and Licensing			
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -

			\$	-
			\$	-
	SUBTOTAL			
	TOTAL EQUIPMENT PRICE			

TABLE C.4 - MICROWAVE BACKHAUL		
New Configuration		Davidson Library
Site Description --->		UHF , Simulcast VHF, Optional Simulcast
Subsystem Category	Discount %	Discounted Price
Microwave Radios (hardware, software, and licensing)		
MPT-HLC XCVR L6 GHz (5720 - 6425) (2+0)		\$ -
MPT-HLC Plus XCVR 11GHz(2+0)		\$ 49,983.80
MPT-HLC XCVR 11 GHz HP W/OUT COMBINER (10700 - 11700)(2+0)		\$ -
		\$ -
		\$ -
		\$ -
		\$ -
		\$ -
		\$ -
		\$ -
		\$ -
		\$ -
		\$ -
SUBTOTAL		\$ 49,983.80
Antennas, coaxial cable, waveguide and accessories		
6GHz Antennas, Hardware, and Feedline (Lot)	16.00%	\$ 3,645.11
6GHz Elliptical Waveguide, Hardware, and Cabling (Lot)	16.00%	\$ 3,685.96
11GHz Antennas, Hardware, and Feedline (Lot)	16.00%	\$ -
11GHz Elliptical Waveguide, Hardware, and Cabling (Lot)	16.00%	\$ -
Dehydrator, Manifold and Accessories (Lot)	16.00%	\$ 4,392.97
Ice Shields for dishes below 30ft of the top of the tower	16.00%	\$ -
		\$ -
		\$ -
		\$ -
		\$ -
		\$ -
SUBTOTAL		\$ 11,724.03
Equipment rack and accessories		
Racks, Breaker Panels, Cables and Accessories (Lot)	16.00%	\$ 5,376.87
		\$ -
		\$ -
		\$ -
		\$ -
		\$ -
		\$ -
		\$ -
		\$ -
		\$ -
SUBTOTAL		\$ 5,376.87

T1 Multiplexers			
Native TDM Module (Lot)	16.00%	\$	-
		\$	-
		\$	-
		\$	-
		\$	-
		\$	-
		\$	-
		\$	-
		\$	-
		\$	-
		\$	-
SUBTOTAL		\$	-
Multi-protocol label switching (MPLS) routers			
Nokia 7705 SAR-8 MPLS Router	30.00%	\$	12,320.07
Eclipse Intelligent Nodal Unit (Lot)	16.00%	\$	9,465.70
		\$	-
		\$	-
		\$	-
		\$	-
		\$	-
		\$	-
		\$	-
		\$	-
		\$	-
SUBTOTAL		\$	21,785.77
GPS based timing system			
Shared with radio sites (and priced in UHF tab)		\$	-
		\$	-
		\$	-
		\$	-
		\$	-
		\$	-
		\$	-
		\$	-
		\$	-
		\$	-
SUBTOTAL		\$	-
Other Equipment, Software, and Licensing			
	16.00%	\$	-
		\$	-
		\$	-
		\$	-
		\$	-
		\$	-
		\$	-
		\$	-
		\$	-

		\$ -
		\$ -
	SUBTOTAL	\$ -
	TOTAL EQUIPMENT PRICE	\$ 88,870.47

TABLE C.4 - MICROWAVE BACKHAUL			
New Configuration			
Site Description --->		Site --->	6
Subsystem Category			
Unit Price	Qty	Extended Price	
Microwave Radios (hardware, software, and licensing)			
MPT-HLC XCVR L6 GHz (5720 - 6425) (2+0)	\$ 39,970.80		\$ -
MPT-HLC Plus XCVR 11GHz(2+0)	\$ 39,983.80	1	\$ 49,983.80
MPT-HLC XCVR 11 GHz HP W/OUT COMBINER (10700 - 11700)(2+0)	\$ 35,476.40	1	\$ 35,476.40
	\$ -		\$ -
	\$ -		\$ -
			\$ -
	\$ -		\$ -
	\$ -		\$ -
			\$ -
			\$ -
SUBTOTAL			
Antennas, coaxial cable, waveguide and accessories			
6GHz Antennas, Hardware, and Feedline (Lot)	\$ 4,339.41	1	\$ 4,339.41
6GHz Elliptical Waveguide, Hardware, and Cabling (Lot)	\$ 4,388.05	1	\$ 4,388.05
11GHz Antennas, Hardware, and Feedline (Lot)	\$ 6,700.96	1	\$ 6,700.96
11GHz Elliptical Waveguide, Hardware, and Cabling (Lot)	\$ 7,814.18	1	\$ 7,814.18
Dehydrator, Manifold and Accessories (Lot)			\$ -
Ice Shields for dishes below 30ft of the top of the tower	\$ -	0	\$ -
			\$ -
			\$ -
			\$ -
			\$ -
SUBTOTAL			
Equipment rack and accessories			
Racks, Breaker Panels, Cables and Accessories (Lot)			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
SUBTOTAL			

T1 Multiplexers			
Native TDM Module (Lot)	\$ -		\$ -
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
SUBTOTAL			
Multi-protocol label switching (MPLS) routers			
Nokia 7705 SAR-8 MPLS Router	\$ 17,600.10	1	\$ 17,600.10
Eclipse Intelligent Nodal Unit (Lot)	\$ 11,268.69	1	\$ 11,268.69
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
SUBTOTAL			
GPS based timing system			
Shared with radio sites (and priced in UHF tab)			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
SUBTOTAL			
Other Equipment, Software, and Licensing			
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -

			\$	-
			\$	-
	SUBTOTAL			
	TOTAL EQUIPMENT PRICE			

TABLE C.4 - MICROWAVE BACKHAUL		
New Configuration		La Cumbre Peak
Site Description --->		Anta Barbara, Simulcast UHF, Simulcast V
Subsystem Category	Discount %	Discounted Price
Microwave Radios (hardware, software, and licensing)		
MPT-HLC XCVR L6 GHz (5720 - 6425) (2+0)		\$ -
MPT-HLC Plus XCVR 11GHz(2+0)		\$ 49,983.80
MPT-HLC XCVR 11 GHz HP W/OUT COMBINER (10700 - 11700)(2+0)		\$ 35,476.40
		\$ -
		\$ -
		\$ -
		\$ -
		\$ -
		\$ -
		\$ -
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		\$ -
		\$ -
SUBTOTAL		\$ 85,460.20
Antennas, coaxial cable, waveguide and accessories		
6GHz Antennas, Hardware, and Feedline (Lot)	16.00%	\$ 3,645.11
6GHz Elliptical Waveguide, Hardware, and Cabling (Lot)	16.00%	\$ 3,685.96
11GHz Antennas, Hardware, and Feedline (Lot)	16.00%	\$ 5,628.81
11GHz Elliptical Waveguide, Hardware, and Cabling (Lot)	16.00%	\$ 6,563.91
Dehydrator, Manifold and Accessories (Lot)	16.00%	\$ -
Ice Shields for dishes below 30ft of the top of the tower	16.00%	\$ -
		\$ -
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		\$ -
		\$ -
		\$ -
SUBTOTAL		\$ 19,523.79
Equipment rack and accessories		
Racks, Breaker Panels, Cables and Accessories (Lot)	16.00%	\$ -
		\$ -
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		\$ -
		\$ -
SUBTOTAL		\$ -

		\$ -
		\$ -
	SUBTOTAL	\$ -
	TOTAL EQUIPMENT PRICE	\$ 126,769.76

SUBTOTAL	\$ -		
New Generator			
	\$ -		
	\$ -		
	\$ -		
	\$ -		
	\$ -		
	\$ -		
	\$ -		
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	\$ -		
SUBTOTAL	\$ -		
New Tower Structure			
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	\$ -		
SUBTOTAL	\$ -		
Other Site Infrastructure			
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	\$ -		
	\$ -		
SUBTOTAL	\$ -		
TOTAL EQUIPMENT PRICE	\$ 77,262.30		

TABLE C.7 - SITE DEVELOPMENT		
New Configuration		Betteravia
Site Description --->		Network Management S
Subsystem Category	Extended Price	Discount %
Existing Site Improvements		
	\$ -	
	\$ -	
	\$ -	
	\$ -	
	\$ -	
	\$ -	
	\$ -	
	\$ -	
SUBTOTAL		
DC Power System		
DC Power Plant with 8 Hour Backup	\$ -	30.00%
Power Supply/Inverters/Converters/Distribution (Lot)	\$ -	30.00%
DC Plant Augment esisitng site	\$ 3,000.00	30.00%
	\$ -	
	\$ -	
	\$ -	
	\$ -	
	\$ -	
	\$ -	
	\$ -	
	\$ -	
SUBTOTAL		
Uninterruptible Power Supply (UPS)		
	\$ -	
	\$ -	
	\$ -	
	\$ -	
	\$ -	
	\$ -	
	\$ -	
	\$ -	
	\$ -	
	\$ -	
SUBTOTAL		
New Equipment Shelter		
	\$ -	
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SUBTOTAL		
New Generator		
	\$	-
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	\$	-
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	\$	-
SUBTOTAL		
New Tower Structure		
	\$	-
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	\$	-
SUBTOTAL		
Other Site Infrastructure		
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	\$	-
	\$	-
SUBTOTAL		
TOTAL EQUIPMENT PRICE		

TABLE C.7 - SITE DEVELOPMENT	
New Configuration	
Site Description --->ite	Discounted Price
Existing Site Improvements	
	\$ -
	\$ -
	\$ -
	\$ -
	\$ -
	\$ -
	\$ -
	\$ -
SUBTOTAL	\$ -
DC Power System	
DC Power Plant with 8 Hour Backup	\$ -
Power Supply/Inverters/Converters/Distribution (Lot)	\$ -
DC Plant Augment esisitng site	\$ 2,100.00
	\$ -
	\$ -
	\$ -
	\$ -
	\$ -
	\$ -
	\$ -
	\$ -
SUBTOTAL	\$ 2,100.00
Uninterruptible Power Supply (UPS)	
	\$ -
	\$ -
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	\$ -
SUBTOTAL	\$ -
New Equipment Shelter	
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SUBTOTAL	\$ -
New Generator	
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SUBTOTAL	\$ -
New Tower Structure	
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SUBTOTAL	\$ -
Other Site Infrastructure	
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SUBTOTAL	\$ -
TOTAL EQUIPMENT PRICE	\$ 2,100.00

TABLE C.7 - SITE DEVELOPMENT			
New Configuration			
Site Description --->		Site --->	2
Subsystem Category		Unit Price	Qty
Existing Site Improvements		Network Manager	
		Extended Price	
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
SUBTOTAL			
DC Power System			
DC Power Plant with 8 Hour Backup		\$ 14,431.30	1 \$ 14,431.30
Power Supply/Inverters/Converters/Distribution (Lot)		\$ 12,412.38	1 \$ 12,412.38
DC Plant Augment esisitng site			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
SUBTOTAL			
Uninterruptible Power Supply (UPS)			
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
SUBTOTAL			
New Equipment Shelter			
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -

SUBTOTAL			
New Generator			
			\$ -
			\$ -
			\$ -
			\$ -
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			\$ -
			\$ -
			\$ -
SUBTOTAL			
New Tower Structure			
			\$ -
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			\$ -
SUBTOTAL			
Other Site Infrastructure			
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			\$ -
SUBTOTAL			
TOTAL EQUIPMENT PRICE			

SUBTOTAL		\$ -
New Generator		
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SUBTOTAL		\$ -
New Tower Structure		
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SUBTOTAL		\$ -
Other Site Infrastructure		
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		\$ -
		\$ -
SUBTOTAL		\$ -
TOTAL EQUIPMENT PRICE		\$ 18,790.58

TABLE C.7 - SITE DEVELOPMENT			
New Configuration			
Site Description --->		Site --->	3
Subsystem Category		Unit Price	Qty
Existing Site Improvements		Extended Price	
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
SUBTOTAL			
DC Power System			
DC Power Plant with 8 Hour Backup	\$ 14,431.30	1	\$ 14,431.30
Power Supply/Inverters/Converters/Distribution (Lot)	\$ 12,412.38	1	\$ 12,412.38
DC Plant Augment esisitng site			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
SUBTOTAL			
Uninterruptible Power Supply (UPS)			
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
SUBTOTAL			
New Equipment Shelter			
			\$ -
			\$ -
			\$ -
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			\$ -

SUBTOTAL			
New Generator			
			\$ -
			\$ -
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			\$ -
SUBTOTAL			
New Tower Structure			
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			\$ -
SUBTOTAL			
Other Site Infrastructure			
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			\$ -
			\$ -
			\$ -
SUBTOTAL			
TOTAL EQUIPMENT PRICE			

TABLE C.7 - SITE DEVELOPMENT			
New Configuration		City Fire Station 7	
Site Description --->		t UHF , Simulcast VHF, Optional Simulca	
Subsystem Category		Discount %	Discounted Price
Existing Site Improvements			
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
SUBTOTAL			\$ -
DC Power System			
DC Power Plant with 8 Hour Backup		30.00%	\$ 10,101.91
Power Supply/Inverters/Converters/Distribution (Lot)		30.00%	\$ 8,688.67
DC Plant Augment esisitng site		30.00%	\$ -
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
SUBTOTAL			\$ 18,790.58
Uninterruptible Power Supply (UPS)			
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
SUBTOTAL			\$ -
New Equipment Shelter			
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SUBTOTAL		\$ -
New Generator		
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SUBTOTAL		\$ -
New Tower Structure		
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SUBTOTAL		\$ -
Other Site Infrastructure		
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		\$ -
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		\$ -
SUBTOTAL		\$ -
TOTAL EQUIPMENT PRICE		\$ 18,790.58

TABLE C.7 - SITE DEVELOPMENT			
New Configuration			
Site Description --->		Site --->	4
Subsystem Category		Unit Price	Qty
Existing Site Improvements		Extended Price	
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
SUBTOTAL			
DC Power System			
DC Power Plant with 8 Hour Backup	\$ 14,431.30	1	\$ 14,431.30
Power Supply/Inverters/Converters/Distribution (Lot)	\$ 12,412.38	1	\$ 12,412.38
DC Plant Augment esisitng site			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
SUBTOTAL			
Uninterruptible Power Supply (UPS)			
			\$ -
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			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
SUBTOTAL			
New Equipment Shelter			
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			\$ -

SUBTOTAL			
New Generator			
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			\$ -
			\$ -
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			\$ -
			\$ -
			\$ -
			\$ -
SUBTOTAL			
New Tower Structure			
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			\$ -
SUBTOTAL			
Other Site Infrastructure			
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			\$ -
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			\$ -
			\$ -
			\$ -
			\$ -
SUBTOTAL			
TOTAL EQUIPMENT PRICE			

TABLE C.7 - SITE DEVELOPMENT		
New Configuration		White Hills
Site Description ---> t UHF , Simulcast VHF, Optional Simulca		
Subsystem Category	Discount %	Discounted Price
Existing Site Improvements		
		\$ -
		\$ -
		\$ -
		\$ -
		\$ -
		\$ -
		\$ -
		\$ -
SUBTOTAL		\$ -
DC Power System		
DC Power Plant with 8 Hour Backup	30.00%	\$ 10,101.91
Power Supply/Inverters/Converters/Distribution (Lot)	30.00%	\$ 8,688.67
DC Plant Augment esisitng site	30.00%	\$ -
		\$ -
		\$ -
		\$ -
		\$ -
		\$ -
		\$ -
		\$ -
SUBTOTAL		\$ 18,790.58
Uninterruptible Power Supply (UPS)		
		\$ -
		\$ -
		\$ -
		\$ -
		\$ -
		\$ -
		\$ -
		\$ -
		\$ -
		\$ -
SUBTOTAL		\$ -
New Equipment Shelter		
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		\$ -
		\$ -
		\$ -
		\$ -

SUBTOTAL		\$ -
New Generator		
		\$ -
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		\$ -
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		\$ -
		\$ -
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		\$ -
SUBTOTAL		\$ -
New Tower Structure		
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		\$ -
SUBTOTAL		\$ -
Other Site Infrastructure		
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		\$ -
		\$ -
		\$ -
		\$ -
SUBTOTAL		\$ -
TOTAL EQUIPMENT PRICE		\$ 18,790.58

TABLE C.7 - SITE DEVELOPMENT			
New Configuration			
Site Description --->		Site --->	5
ta Barbara, Simulcas			
Subsystem Category	Unit Price	Qty	Extended Price
Existing Site Improvements			
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
SUBTOTAL			
DC Power System			
DC Power Plant with 8 Hour Backup	\$ 14,431.30	1	\$ 14,431.30
Power Supply/Inverters/Converters/Distribution (Lot)	\$ 12,412.38	1	\$ 12,412.38
DC Plant Augment esisitng site			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
SUBTOTAL			
Uninterruptible Power Supply (UPS)			
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
SUBTOTAL			
New Equipment Shelter			
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -

SUBTOTAL			
New Generator			
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
SUBTOTAL			
New Tower Structure			
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			\$ -
			\$ -
			\$ -
SUBTOTAL			
Other Site Infrastructure			
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			\$ -
			\$ -
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			\$ -
			\$ -
			\$ -
SUBTOTAL			
TOTAL EQUIPMENT PRICE			

SUBTOTAL		\$ -
New Generator		
		\$ -
		\$ -
		\$ -
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SUBTOTAL		\$ -
New Tower Structure		
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SUBTOTAL		\$ -
Other Site Infrastructure		
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		\$ -
		\$ -
		\$ -
		\$ -
		\$ -
SUBTOTAL		\$ -
TOTAL EQUIPMENT PRICE		\$ 18,790.58

TABLE C.7 - SITE DEVELOPMENT			
New Configuration			
Site Description --->		Site --->	6
Subsystem Category			
Unit Price		Qty	Extended Price
Existing Site Improvements			
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
SUBTOTAL			
DC Power System			
DC Power Plant with 8 Hour Backup			\$ -
Power Supply/Inverters/Converters/Distribution (Lot)			\$ -
DC Plant Augment esisitng site			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
SUBTOTAL			
Uninterruptible Power Supply (UPS)			
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
SUBTOTAL			
New Equipment Shelter			
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -

SUBTOTAL			
New Generator			
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
SUBTOTAL			
New Tower Structure			
			\$ -
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			\$ -
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			\$ -
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			\$ -
			\$ -
SUBTOTAL			
Other Site Infrastructure			
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			\$ -
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			\$ -
			\$ -
			\$ -
SUBTOTAL			
TOTAL EQUIPMENT PRICE			

TABLE C.7 - SITE DEVELOPMENT		
New Configuration		La Cumbre Peak
Site Description --->		Anta Barbara, Simulcast UHF, Simulcast V
Subsystem Category	Discount %	Discounted Price
Existing Site Improvements		
		\$ -
		\$ -
		\$ -
		\$ -
		\$ -
		\$ -
		\$ -
		\$ -
SUBTOTAL		\$ -
DC Power System		
DC Power Plant with 8 Hour Backup	30.00%	\$ -
Power Supply/Inverters/Converters/Distribution (Lot)	30.00%	\$ -
DC Plant Augment esisitng site	30.00%	\$ -
		\$ -
		\$ -
		\$ -
		\$ -
		\$ -
		\$ -
		\$ -
SUBTOTAL		\$ -
Uninterruptible Power Supply (UPS)		
		\$ -
		\$ -
		\$ -
		\$ -
		\$ -
		\$ -
		\$ -
		\$ -
		\$ -
SUBTOTAL		\$ -
New Equipment Shelter		
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SUBTOTAL		\$ -
New Generator		
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		\$ -
		\$ -
SUBTOTAL		\$ -
New Tower Structure		
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		\$ -
		\$ -
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		\$ -
SUBTOTAL		\$ -
Other Site Infrastructure		
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		\$ -
		\$ -
		\$ -
		\$ -
		\$ -
SUBTOTAL		\$ -
TOTAL EQUIPMENT PRICE		\$ -

TABLE C.8 - SPARE & TEST EQUIPMENT			
Table C.8.A - FIRE VHF RADIO SYSTEM			
<i>Item</i>	<i>Unit Price</i>	<i>Qty</i>	<i>Extended Price</i>
Spares Bundle:			
ATLAS 4500 DC VHF PHASE 1 Conventional Simulcast	\$ 27,000.00	2	\$ 54,000.00
VHF Antenna TBD	\$ 3,350.70	1	\$ 3,350.70
Total			\$ 57,350.70
Table C.8.B - UHF TRUNKED RADIO SYSTEM			
<i>Item</i>	<i>Unit Price</i>	<i>Qty</i>	<i>Extended Price</i>
Spares Bundle:			
Total			\$ -
TABLE C.8.C – MICROWAVE SYSTEM			
<i>Item</i>	<i>Unit Price</i>	<i>Qty</i>	<i>Extended Price</i>
Spares Bundle:			
3DB19060AA - MPT-HLC XCVR L6 GHz (5720 - 6425)	\$ 6,007.80	1	\$ 6,007.80
3DB76050GA - MPT-HLC Plus XCVR 11GHz	\$ 11,014.30	1	\$ 11,014.30
3DB76050CB - MPT-HLC XCVR 11 GHz HP W/OUT COMBINER (10700 - 11700)	\$ 8,761.38	1	\$ 8,761.38
3EM20277AA - Optics SFP GigE 850 NM Multimode 550 Meter	\$ 248.00	2	\$ 496.00

TABLE C.8 - SPARE & TEST EQUIPMENT			
Total			\$ 26,279.48
TABLE C.8.D – SHERIFF DISPATCH			
<i>Item</i>	<i>Unit Price</i>	<i>Qty</i>	<i>Extended Price</i>
Total			\$ -
TABLE C.8.E – FIRE DISPATCH			
<i>Item</i>	<i>Unit Price</i>	<i>Qty</i>	<i>Extended Price</i>
Total			\$ -
TABLE C.8.F – SITE INFRASTRUCTURE			
<i>Item</i>	<i>Unit Price</i>	<i>Qty</i>	<i>Extended Price</i>
Total			\$ -
TOTAL SPARE & TEST EQUIPMENT PRICE			\$ 83,630.18

TABLE C.9 - IMPLEMENTATION SERVICES	
Description	Services Prices
System Equipment Services	
Staging Acceptance Testing	\$ 29,450.00
Delivery/Shipping	\$ 5,900.00
Installation (including all equipment, antenna systems, etc.)	\$ 781,612.50
Decommissioning, Removal and Disposal of old equipment	
Subscriber Installation Coordination	
Microwave Installation and Testing	\$ 598,218.00
System Equipment Services Subtotal	\$ 1,415,180.50
System Engineering Services	
Site Surveys	\$ 13,200.00
Microwave Path Design	\$ 83,844.15
System/Network Design	\$ 25,396.00
System Documentation (coverage maps, microwave path analyses, as-built drawings, etc.)	\$ 7,500.00
Radio Coverage Analysis	\$ 13,170.00
Interference Analyses	\$ 4,500.00
FCC License Preparation	\$ 11,625.00
Frequency Coordination	\$ 11,625.00
Structural Analyses	\$ 25,012.00
MPLS Traffic Engineering and Router Configuration	\$ 3,022.00
LMR Systems Acceptance Testing	\$ 15,000.00
Microwave Backhaul Acceptance Testing	\$ 22,500.00
Radio Coverage Testing	
System Cutover	\$ 3,450.00
30-Day Operational Burn-in	\$ 4,020.00
System Integration	\$ 5,890.00
Other - specify	
System Engineering Subtotal	\$ 249,754.15
Site Development Services	
Site Development	\$ 327,460.50
Other - specify	
Other - specify	
Site Development Subtotal	\$ 327,460.50
Migration Services	
Migration Services	\$ 4,300.00
Other - specify	
Other - specify	
Migration Services Subtotal	\$ 4,300.00
Project Management Services	
LMR Project Management	\$ 174,790.00
Microwave Project Management	\$ 26,050.00
Other - specify	
Project Management Subtotal	\$ 200,840.00
System Training Services	

