FIRST AMENDMENT

AGREEMENT BETWEEN THE COUNTY OF SAN MATEO AND TELECOMMUNICATIONS ENGINEERING ASSOCIATES

THIS FIRST AMENDMENT to the existing Agreement, originally entered into on November 8, 2005, is made and entered into this ______ day of ______ 2006, by and between the COUNTY OF SAN MATEO, hereinafter called "County," and TELECOMMUNICATIONS ENGINEERING ASSOCIATES, hereinafter called "Contractor."

WITNESSETH:

WHEREAS, the parties previously entered into an Agreement [Resolution No. 067635] on November 8, 2005 for the purpose of enhancing the radio communications system for the San Mateo County Fire Service agencies by conducting a radio communications needs assessment study, developing system designs, and furnishing and installing radio communications equipment; and

WHEREAS, it is now the mutual desire and intent of the parties to make further modifications and amendments to this Agreement, increasing the amount of the contract by \$84,210, from \$375,000 to \$459,210;

NOW, THEREFORE, IT IS HEREBY AGREED BY THE PARTIES that the existing Agreement is hereby amended, by reference to sections of the original Agreement and Exhibits as follows:

SECTION 1.

Section 1, of the Agreement entitled "Exhibits and Attachments" is hereby amended to read as follows:

The following exhibits and attachments are included hereto and incorporated by reference herein:

Exhibit A - Services Exhibit B - Payments and rates Exhibit B-1 - Equipment List

SECTION 2.

Section 3. of the Agreement entitled "Payments," is hereby amended to read as follows:

In consideration of the services provided by Contractor in accordance with all terms, conditions and specifications set forth herein and in Exhibit "A," County shall make payment to Contractor based on the rates and in the manner specified in Exhibit "B." The County reserves the right to withhold payment if the County determines that the quantity or quality of the work performed is unacceptable. In no event shall the County's total fiscal obligation under this Agreement exceed FOUR HUNDRED FIFTY-NINE THOUSAND TWO HUNDRED TEN DOLLARS AND NO CENTS, (\$459,210.00).

SECTION 3.

Section 11. of the Agreement entitled "Non-Discrimination," is hereby amended by adding Article G. which read as follows:

G. <u>Compliance with Contractor Employee Jury Service Ordinance</u>. Contractor shall comply with the County Ordinance with respect to provision of jury duty pay to employees and have and adhere to a written policy that provides that its employees shall receive from the contractor, on an annual basis, no less than five days of regular pay for actual jury service in San Mateo County. The policy may provide that employees deposit any fees received for such jury service with the contractor or that the contractor deduct from the employees regular pay the fees received for jury service.

SECTION 4.

Section II of Exhibit B of the Agreement entitled "Payments and Rates," is hereby amended to read as follows:

Contractor shall provide the services described in Exhibit "A" for the fixed fees set forth in the following table. Contractor shall be paid at the following rates of payment per task completed, with invoicing and payment to take place at the completion of each task:

System engineering, detailed system design, and	
project management	\$45,000
FCC licensing and frequency coordination (to be	
handled by a TEA Subcontractor	\$15,000
Equipment and installation services.	\$399,210
PROJECT TOTAL	\$459,210

SECTION 5.

Exhibit B-1 entitled "Equipment List," is hereby incorporated into the Agreement and attached hereto.

SECTION 6.

These amendments are hereby incorporated and made a part of the original Agreement and subject to all provisions therein.

IN WITNESS WHEREOF, the parties hereto, by their duly authorized representatives, have affixed their hands.

> **COUNTY OF SAN MATEO** A Political Sub-division of the State of California

By: _______
PRESIDENT, BOARD OF SUPERVISORS

Date:

ATTEST:

By: ______CLERK OF SAID BOARD

TELECOMMUNICATIONS ENGINEERING ASSOCIATES

By: _____ DARYL JONES, OWNER

Date:

EXHIBIT B-1 EQUIPMENT LIST

EXHIBIT B-1 / EQUIPMENT LIST

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21 4 SBC T1 line installation Ctrl-21/22 \$ - \$ 10,0100 \$ 10,041.00 \$ 10,041.00 \$ 10,041.00 \$ 10,041.00 \$ 10,041.00 \$ 10,041.00 \$ 10,041.00 \$ 10,041.00 \$ 10,041.00 \$ 10,041.00 \$ 10,041.00 \$ 10,041.00 \$ 10,041.00 \$ 10,041.00 \$ 10,041.00 \$ 10,041.00 \$ 10,041.00 \$ 10,041.00 \$ 10,041.00 \$ 10,050.00 \$ 10,050.00 \$ 10,050.00 \$ 10,050.00 \$ 10,050.00 \$ 10,050.00	19 1 System design, engineering and project management	Ctrl-21/22 \$	- 3	\$	-	\$	-	\$ -	\$ 15,000.00	N	\$	15,000.00	\$-	
22 1 Contingency - Replacement Ctrl - 21/22 \$ 10,135.00 \$ 836.00 \$ 507.00 \$ 1,520.00 Y \$ 12,878.00 \$ 12,980.00 23 1 Contingency - Enhancement Ctrl - 21/22 \$ 10,041.00 \$ 828.00 \$ 507.00 \$ 1,506.00 N \$ 12,878.00 \$ 12,878.00 \$ 12,878.00 \$ 56,951.00 \$ 56,951.00 \$ 56,951.00 \$ 56,951.00 \$ 56,951.00 \$ 56,951.00 \$ 56,951.00 \$ 56,951.00 \$ 191,960.00 \$ 56,951.00 \$ 56,951.00 \$ 56,951.00 \$ 56,951.00 \$ 56,951.00 \$ 56,951.00 \$ 56,951.00 \$ 56,951.00 \$ 56,951.00 \$ 56,951.00 \$ 191,960.00 RADIO HARDWARE Description Use Cost Each Ext. Cost Tax Freight Services Replace \$ 39,501.00 \$ 30,800.00 \$ 2,541.00 \$ 1,540.00 \$ 4,620.00 Y \$ - \$ 39,501.00 \$ 30,800.00 \$ 2,541.00 \$ 1,540.00 \$ 4,620.00 Y \$ - \$ \$ 2,693.00 \$ 2,693.00 \$ 2,241.00 \$ 1,540.00 \$ 315.00 Y \$ - \$ \$ 2,693.00 \$ 2,693.00 \$ 2,500.00 \$ 10,50.00 \$ 315.00 Y \$ - \$ \$ 2,693.00 \$ 2,	20 2 FCC licensing and frequency coordination services	Ctrl-21/22 \$	- :	\$	-	\$	-	\$ -	\$ 6,000.00	N		6,000.00	\$-	
23 1 Contingency - Enhancement Ctrl-21/22 \$ 10,041.00 \$ 10,041.00 \$ 828.00 \$ 502.00 \$ 1,506.00 N \$ 12,878.00 \$ 56,951.00 \$ 103,574.00 \$ 337,716.00 \$ 27,865.00 \$ 16,886.00 \$ 78,057.00 \$ 268,565.00 \$ 191,960.00 \$ 191,960.00 \$ 268,565.00 \$ 191,960.00 \$ 268,565.00 \$ 191,960.00 \$ 268,565.00 \$ 191,960.00 \$ 27,865.00 \$ 16,886.00 \$ 78,057.00 \$ 268,565.00 \$ 191,960.00 \$ 27,865.00 \$ 16,886.00 \$ 78,057.00 \$ 268,565.00 \$ 191,960.00 \$ 268,565.00 \$ 191,960.00 \$ 268,565.00 \$ 191,960.00 \$ 27,865.00 \$ 16,886.00 \$ 78,057.00 \$ 268,565.00 \$ 191,960.00 \$ 268,565.00 \$ 191,960.00 \$ 27,865.00 \$ 16,886.00 \$ 78,057.00 \$ 268,565.00 \$ 191,960.00 \$ 268,565.00 \$ 268,565.00 \$ 27,865.00 \$ 16,886.00 \$ 78,057.00 \$ 268,565.00 \$ 268,565.00 \$ 268,565.00 \$ 268,565.00 \$ 268,565.00 \$ 268,565.00 \$ 268,565.00 \$ 268,565.00 \$ 27,865.00 \$ 16,886.00 \$ 78,057.00 \$ 268,565.00 \$ 268,565.00 \$ 268,565.00 \$ 268,565.00 \$ 268,565.00 \$ 268,565.00 \$ 268,565.00 \$ 268,565.00 \$ 268,565.00 \$ 268,565.00 \$ 27,865.00 \$ 16,886.00 \$ 78,057.00 \$ 268,565.00 \$ 268,565.00 \$ 268,565.00 \$ 268,565.00 \$ 268,565.00 \$ 27,865.00 \$ 16,886.00 \$ 78,057.00 \$ 268,565.00 \$ 268,565.00 \$ 268,565.00 \$ 268,565.00 \$ 27,865.00 \$ 2,541.00 \$ 2,541.00 \$ 1,540.00 \$ 4,620.00 Y \$ \$ - \$ 268,565.00 \$ 2,100.00 \$ 173.00 \$ 105.00 \$ 315.00 Y \$ - \$ 2,693.00 \$ 2,100.00 \$ 173.00 \$ 105.00 \$ 315.00 Y \$ - \$ 2,693.00 \$ - \$ 2,093.00 \$ 2,100.00 \$ 173.00 \$ 105.00 \$ 315.00 Y \$ - \$ 2,693.00 \$ - \$ 2,100.00 \$ 173.00 \$ 105.00 \$ 315.00 Y \$ - \$ 2,693.00 \$ - \$ 2,100.00 \$ 173.00 \$ 250.00 \$ 750.00 Y \$ - \$ 6,413.00 \$ - \$ 6,413.00 \$ 2,500.00 \$ 750.00 Y \$ - \$ 6,413.00 \$ - \$ 6,413.00 \$ 2,500.00 \$ 750.00 Y \$ - \$ 6,413.00 \$ - \$ 6,413.00 \$ - \$ 6,413.00 \$ - \$ 6,413.00 \$ - \$ 9,200.00 \$ 108.00 Y \$	21 4 SBC T1 line installation	Ctrl-21/22 \$	- :	\$	-	\$	-	\$ -	\$ 6,400.00	N	\$	6,400.00	\$-	
Section Total NORTH ZONE TOTAL Section Total NORTH ZONE TOTAL \$ 103,776.00 \$ 8,562.00 \$ 51,89.00 \$ 42,966.00 \$ 56,951.00 \$ 103,543.00 \$ 103,543.00 \$ 27,865.00 \$ 16,886.00 \$ 78,057.00 \$ 56,951.00 \$ 103,543.00 \$ 268,565.00 \$ 103,543.00 \$ 268,565.00 \$ 103,543.00 \$ 268,565.00 \$ 103,543.00 \$ 268,565.00 \$ 103,543.00 \$ 268,565.00 \$ 103,543.00 \$ 268,565.00 \$ 101,960.00 \$ 27,865.00 \$ 16,886.00 \$ 78,057.00 \$ 268,565.00 \$ 103,543.00 \$ 27,865.00 \$ 16,886.00 \$ 78,057.00 \$ 268,565.00 \$ 101,960.00 \$ 2,541.00 \$ 1,540.00 \$ 4,620.00 Y \$ 5	22 1 Contingency - Replacement	Ctrl-21/22 \$ 1	10,135.00	\$	10,135.00	\$	836.00	\$ 507.00	\$ 1,520.00	Y	\$	-	\$ 12,998.00	
NORTH ZONE TOTAL \$ 337,716.00 \$ 27,865.00 \$ 16,886.00 \$ 78,057.00 \$ 268,565.00 \$ 191,960.00 RADIO HARDWARE Description Use Cost Each Ext. Cost Tax Freight Services Replace Replace Replacement 1 4 MTR-2000 VHF base station with X747 ext ref cable Ctrl-12/13 \$ 7,700.00 \$ 30,800.00 \$ 2,541.00 \$ 1,540.00 \$ 4,620.00 Y \$ \$ - \$ 30,501.00 \$ 2,693.00 \$ 2,693.00 \$ 2,693.00 \$ 2,693.00 \$ 30,501.00 \$ 1,540.00 \$ 105.00 \$ 315.00 Y \$ - \$ 2,693.00 \$ 5,000.00 \$ 413.00 \$ 2,500.00 \$ 750.00 \$ 4,6413.	23 1 Contingency - Enhancement	Ctrl-21/22 \$ 1	10,041.00	\$	10,041.00	\$	828.00	\$ 502.00	\$ 1,506.00	N	\$	12,878.00	\$-	
RADIO HARDWARE Description Use Cost Each Ext. Cost Tax Freight Services Replace Replacement 1 4 MTR-2000 VHF base station with X747 ext ref cable Ctrl-12/13 7,700.00 \$ 30,800.00 \$ 2,541.00 \$ 1,540.00 \$ 4,620.00 Y \$ - \$ 39,501.00 2 2 VHF isolator panel- Replacement Ctrl-12 \$ 1,050.00 \$ 173.00 \$ 105.00 \$ 315.00 Y \$ - \$ 2,693.00 \$ 2,500.00 \$ 173.00 \$ 105.00 \$ 315.00 N \$ 2,693.00 \$ - \$ 6,413.00 \$ - \$ 4,621.00 \$ 315.00 N \$ 2,693.00 \$ - \$ 6,413.00 \$ - \$ 6,413.00 \$ - \$ 6,413.00 \$ - \$ 6,413.00 \$ - \$ 923.00 \$	Section Total			\$	103,776.00	\$	8,562.00	\$ 5,189.00	\$ 42,966.00		\$	56,951.00	\$ 103,543.00	
Description Use Cost Each Ext. Cost Tax Freight Services Replace Enhancement Replacement 1 4 MTR-2000 VHF base station with X747 ext ref cable Ctrl-12/13 7,700.00 \$ 30,800.00 \$ 2,541.00 \$ 1,540.00 \$ 4,620.00 Y \$ - \$ 39,501.00 \$ 2,000.00 \$ 105.00 \$ 315.00 Y \$ - \$ 2,693.00 \$ 2,000.00 \$ 105.00 \$ 315.00 Y \$ - \$ 2,693.00 \$ - \$ 2,693.00 \$ - \$ 2,693.00 \$ - \$ 2,693.00 \$ - \$ 2,693.00 \$ - \$ 2,693.00 \$ - \$ 6,413.00 \$ 2,500.00 \$ 5,000.00 \$ 413.00 \$ 2,500.00 \$ 5,000.00 \$ 413.00 \$ 2,500.00 \$ 5,000.00 <td< td=""><td>NORTH ZONE TOTAL</td><td></td><td></td><td>\$</td><td>337,716.00</td><td>\$</td><td>27,865.00</td><td>\$ 16,886.00</td><td>\$ 78,057.00</td><td></td><td>\$</td><td>268,565.00</td><td>\$ 191,960.00</td></td<>	NORTH ZONE TOTAL			\$	337,716.00	\$	27,865.00	\$ 16,886.00	\$ 78,057.00		\$	268,565.00	\$ 191,960.00	
1 4 MTR-2000 VHF base station with X747 ext ref cable Ctrl-12/13 7,700.00 \$ 30,800.00 \$ 2,541.00 \$ 1,540.00 \$ 4,620.00 Y \$ - \$ 39,501.00 2 2 VHF isolator panel- Replacement Ctrl-12 \$ 1,050.00 \$ 2,100.00 \$ 105.00 \$ 315.00 Y \$ - \$ 2,693.00 3 2 VHF isolator panel- Enhancement Ctrl-13 \$ 1,050.00 \$ 2,100.00 \$ 105.00 \$ 315.00 N \$ 2,693.00 \$ - \$ 2,693.00 \$ - \$ 2,693.00 \$ - \$ 2,693.00 \$ - \$ 2,693.00 \$ - \$ 2,693.00 \$ - \$ 2,693.00 \$ - \$ 4 2 High performance 6-Cavity duplexor - Replacement Ctrl-12 \$ 2,500.00 \$ 413.00 \$ 250.00 \$ 750.00 N \$ 6,413.00 \$ - \$ 6,413.00 \$ - \$ <td>RADIO HARDWARE</td> <td></td>	RADIO HARDWARE													
2 2 VHF isolator panel- Replacement Ctrl-12 \$ 1,050.00 \$ 2,100.00 \$ 173.00 \$ 105.00 \$ 315.00 Y \$ 2,693.00 3 2 VHF isolator panel- Enhancement Ctrl-13 \$ 1,050.00 \$ 2,100.00 \$ 173.00 \$ 105.00 \$ 315.00 N \$ 2,693.00 4 2 High performance 6-Cavity duplexor - Replacement Ctrl-12 \$ 2,500.00 \$ 5,000.00 \$ 413.00 \$ 250.00 \$ 750.00 Y \$ 5 6,413.00 5 2 High performance 6-Cavity duplexor - Enhancement Ctrl-13 \$ 2,500.00 \$ 5,000.00 \$ 413.00 \$ 250.00 \$ 750.00 N \$ 6,413.00 6 8 RF interconnecting cables Ctrl-12/13 \$ 90.00 \$ 720.00 \$ 59.00 \$ 36.00 \$ 108.00 Y \$ 59.00 \$ 36.00 \$ 108.00 Y \$ 592.00 \$ 108.00	Description	Use	Cost Each		Ext. Cost		Tax	Freight	Services	Replace	Er	nhancement	Replacement	
3 2 VHF isolator panel- Enhancement Ctrl-13 1,050.00 \$ 173.00 \$ 105.00 \$ 315.00 N \$ 2,693.00 \$ - 4 2 High performance 6-Cavity duplexor - Replacement Ctrl-12 \$ 2,500.00 \$ 413.00 \$ 250.00 \$ 750.00 Y \$ - \$ 6,413.00 \$ 250.00 \$ 750.00 N \$ 6,413.00 \$ 90.00 \$ 720.00 \$ 36.00 \$ 108.00 Y \$ \$ 923.00 6 8 RF interconnecting cables Ctrl-12/13 \$ 90.00 \$ 720.00 \$ 36.00 \$ 108.00 Y <td< td=""><td>1 4 MTR-2000 VHF base station with X747 ext ref cable</td><td>Ctrl-12/13 \$</td><td>7,700.00</td><td>\$</td><td>30,800.00</td><td>\$</td><td>2,541.00</td><td>\$ 1,540.00</td><td>\$ 4,620.00</td><td>Y</td><td>\$</td><td>-</td><td>\$ 39,501.00</td></td<>	1 4 MTR-2000 VHF base station with X747 ext ref cable	Ctrl-12/13 \$	7,700.00	\$	30,800.00	\$	2,541.00	\$ 1,540.00	\$ 4,620.00	Y	\$	-	\$ 39,501.00	
4 2 High performance 6-Cavity duplexor - Replacement Ctrl-12 \$ 2,500.00 \$ 413.00 \$ 250.00 \$ 750.00 Y \$ 6,413.00 \$ 6,413.00 5 2 High performance 6-Cavity duplexor - Enhancement Ctrl-13 \$ 2,500.00 \$ 413.00 \$ 250.00 \$ 750.00 Y \$ 6,413.00 \$ 6,413.00 6 8 RF interconnecting cables Ctrl-12/13 \$ 90.00 \$ 720.00 \$ 59.00 \$ 36.00 \$ 108.00 Y \$ 923.00	2 2 VHF isolator panel- Replacement	Ctrl-12 \$	1,050.00	\$	2,100.00	\$	173.00	\$ 105.00	\$ 315.00	Y	\$	-	\$ 2,693.00	
5 2 High performance 6-Cavity duplexor - Enhancement Ctrl-13 \$ 2,500.00 \$ 413.00 \$ 250.00 \$ 750.00 N \$ 6,413.00 \$ - \$ 923.00 6 8 RF interconnecting cables Ctrl-12/13 \$ 90.00 \$ 720.00 \$ 59.00 \$ 36.00 \$ 108.00 Y \$ 923.00	3 2 VHF isolator panel- Enhancement	Ctrl-13 \$	1,050.00	\$	2,100.00	\$	173.00	\$ 105.00	\$ 315.00	Ν	\$	2,693.00	\$-	
6 8 RF interconnecting cables Ctrl-12/13 \$ 90.00 \$ 720.00 \$ 59.00 \$ 36.00 \$ 108.00 Y \$ - \$ 923.00	4 2 High performance 6-Cavity duplexor - Replacement	Ctrl-12 \$	2,500.00	\$	5,000.00	\$	413.00	\$ 250.00	\$ 750.00	Y	\$	-	\$ 6,413.00	
6 8 RF interconnecting cables Ctrl-12/13 \$ 90.00 \$ 720.00 \$ 59.00 \$ 36.00 \$ 108.00 Y \$ - \$ 923.00	5 2 High performance 6-Cavity duplexor - Enhancement	Ctrl-13 \$	2,500.00	\$	5,000.00	\$	413.00	\$ 250.00	\$ 750.00	N	\$	6,413.00	\$-	
Section Total \$ 45,720.00 \$ 3,772.00 \$ 2,286.00 \$ 6,858.00 \$ 9,106.00 \$ 49,530.00	6 8 RF interconnecting cables	Ctrl-12/13 \$	90.00	\$	720.00	\$	59.00	\$ 36.00	\$ 108.00	Y	\$	-	\$ 923.00	
	Section Total			\$	45,720.00	\$	3,772.00	\$ 2,286.00	\$ 6,858.00		\$	9,106.00	\$ 49,530.00	

EXHIBIT B-1 EQUIPMENT LIST

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	MISCELLANEOUS EQUIPMENT AND SERVICES	1100		Cast Fash		Fut Cost		Text		Fusielet		Comisso	Denlage	_	honoont	De	
7	2 Remote site failure alarm reporting system	Use Ctrl-12	/12 C	Cost Each 1.000.00	\$	Ext. Cost 2,000.00	\$	Tax 165.00	¢	Freight 100.00	\$	Services 300.00	Replace N	£11	2,565.00	¢	eplacement
7 8	2 Convex 2241 audio and PTT distribution amp	Ctrl-12		2.900.00		5,800.00		479.00		290.00		870.00	N	э \$	2,565.00	э \$	-
9	1 Expanded remote voter monitor system with software	Ctrl-12		3,500.00		3,500.00		289.00		175.00	-	525.00	Y	\$	- 1,439.00	ф \$	4,489.00
10	2 DC power systems w/ battery backup	Ctrl-12		5,000.00		10,000.00		825.00		500.00		1,500.00	Ŷ	\$	-	\$	12,825.00
11	2 Equipment cabinets	Ctrl-12		1.200.00		2,400.00		198.00		120.00		360.00	Y	\$	-	\$	3.078.00
12	4 Antenna and coaxial cable replacement	Ctrl-12	/13 \$	5,000.00	\$	20,000.00	\$	1,650.00	\$	1,000.00	\$	3,000.00	Y	\$	-	\$	25,650.00
13	1 Metro Tower site development	Ctrl-12	/13 \$	12,000.00	\$	12,000.00	\$	990.00	\$	600.00	\$	1,800.00	Y	\$	-	\$	15,390.00
14	1 System design, engineering and project management	Ctrl-12	/13 \$	-	\$	-	\$	-	\$	-	\$	10,000.00	Ν	\$	10,000.00	\$	-
15	2 FCC licensing and frequency coordination services	Ctrl-12	/13 \$	3,000.00	\$	6,000.00	\$	-	\$	-	\$	-	Ν	\$	6,000.00	\$	-
16	1 SSC telephone circuit installation	Ctrl-12	/13 \$	-	\$	-	\$	-	\$	-	\$	3,000.00	N	\$	3,000.00	\$	-
17	1 Contingency - Replacement	Ctrl-12	/13 \$	4,000.00	\$	4,000.00	\$	330.00	\$	200.00	\$	600.00	Y	\$	-	\$	5,130.00
18	1 Contingency - Enhancement	Ctrl-12	/13 \$	4,000.00	\$	4,000.00	\$	330.00	\$	200.00	\$	600.00	N	\$	5,130.00	\$	-
	Section Total				\$	69,700.00	\$	5,256.00	\$	3,185.00	\$	22,555.00		\$	34,134.00	\$	66,562.00
	CENTRAL ZONE TOTAL				\$	115,420.00	\$	9,028.00	\$	5,471.00	\$	29,413.00		\$	43,240.00	\$	116,092.00
	MISCELLANEOUS EQUIPMENT AND SERVICES																
	Description	Use	-	Cost Each		Ext. Cost		Tax		Freight		Services	Replace		nhancement	Re	eplacement
1	2 Remote site failure alarm reporting system	Ctrl-1/2	\$	1,000.00		,	\$	165.00		100.00		300.00	N	\$	2,565.00	\$	-
2	2 Convex 2241 audio and PTT distribution amp	Ctrl-1/2	\$	3,000.00		6,000.00		495.00		300.00		900.00	N	\$	7,695.00	\$	-
3	1 Expanded remote voter monitor system with software	Ctrl-1/2	\$	3,500.00		3,500.00		289.00		175.00		525.00	Y	\$	-	\$	4,489.00
4	1 Move Ctrl-2 equip into County building at Site-60	Ctrl-2	\$	3,500.00		3,500.00		289.00		175.00		525.00	N	\$	4,489.00	\$	-
5	4 DC power systems w/ battery backup	Ctrl-1/2	\$	5,000.00	\$	20,000.00	\$	1,650.00		1,000.00	\$	3,000.00	Y	\$	-	\$	25,650.00
6	1 System design, engineering and project management	Ctrl-1/2	\$	-	Ψ	-	\$	-		-		5,000.00	N	\$	5,000.00	\$	-
	1 Contingency - Replacement	Ctrl-1/2	\$	3,000.00		,	\$	248.00		150.00		450.00	Y	\$	-	\$	3,848.00
	1 Contingency - Enhancement	Ctrl-1/2	\$	3,000.00		3,000.00		248.00		150.00		450.00	Ν	\$	-,	\$	-
	Section Total				\$	41,000.00		3,384.00		2,050.00		11,150.00		\$	-,	\$	33,987.00
	SOUTH ZONE TOTAL				\$	41,000.00	\$	3,384.00	\$	2,050.00	\$	11,150.00		\$	23,597.00	\$	33,987.00
	COUNTYWIDE MST INFRASTRUCTURE							_				0				-	
L	Description 1 Design and engineering	Use Ctrl-31	\$	Cost Each	\$	Ext. Cost	\$	Tax	\$	Freight -	\$	Services	Replace Y	En \$	hancement	Re \$	eplacement
1	5 5 5		+	-								15,000.00	r Y	э \$	-	ъ \$	15,000.00
2	1 Prototype future MST system (R&D) Section Total	Ctrl-31	Ф	25,000.00	Ф \$	25,000.00 25,000.00		2,063.00 2,063.00		1,250.00 1,250.00		3,750.00 18,750.00	ř	Ф	- \$0	Դ \$	32,063.00 47,063.00
	Section Total				φ	25,000.00	φ	2,063.00	φ	1,250.00	φ	10,750.00			φU	φ	47,003.00
	COUNTYWIDE COMMAND CHANNEL Description	Use	-	Cost Each		Ext. Cost		Tax		Freight		Services	Replace	En	hancement	Pa	eplacement
3	2 MTR-2000 VHF base station with X747 ext ref cable	CWCC	\$	7,700.00	¢	15,400.00	\$	1,271.00	¢	770.00	¢	2,310.00	Replace N	5 \$		\$	piacernerit
3 4	2 VHF isolator panel	CWCC	φ \$	1,050.00		2,100.00		173.00		105.00		315.00	N	φ \$	2,693.00	φ \$	_
5	2 High performance 6-Cavity duplexor	CWCC	Ψ \$	2,500.00		5,000.00		413.00		250.00		750.00	N	\$	6,413.00	φ \$	-
6	1 Digitac voter/comparator	CWCC	\$	15,000.00		,	\$	1,238.00		750.00		2,250.00	N	\$	19,238.00	\$	-
7	2 Antenna and coaxial cable	CWCC	\$	5,000.00		,	\$	825.00		500.00		1,500.00	N	\$	12,825.00	\$	-
8	FCC licensing	CWCC	Ŷ	.,	\$	-	\$	-	\$		\$	3,000.00	N	\$	3,000.00	\$	-
	Section Total				\$	47,500.00		3,920.00		2,375.00		10,125.00		\$	63,920.00		-
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EXHIBIT B-1 EQUIPMENT LIST

	MISCELLANEOUS EQUIPMENT AND SERVICES												
	Description	Use	(Cost Each	Ext. Cost	Tax	Freight	Services	Replace	Er	nhancement	R	Replacement
9	1 Relocate and rearrange equipment at Stn-9 hub site	All	\$	7,500.00	\$ 7,500.00	\$ 619.00	\$ 375.00	\$ 1,125.00	N	\$	9,619.00	\$	-
10	1 Uninterruptible power system (UPS) for Stn-9 hub site	All	\$	8,500.00	\$ 8,500.00	\$ 701.00	\$ 425.00	\$ 1,275.00	Y	\$	-	\$	10,901.00
11	1 Electrical power improvements at Stn-9 hub site	All	\$	6,000.00	\$ 6,000.00	\$ 495.00	\$ 300.00	\$ 900.00	N	\$	7,695.00	\$	-
12	1 Stn-9 hub site accessibility and seismic improvements	All	\$	12,000.00	\$ 12,000.00	\$ 990.00	\$ 600.00	\$ 1,800.00	N	\$	15,390.00	\$	-
13	1 DC power systems wi battery backup	All	\$	5,000.00	\$ 5,000.00	\$ 413.00	\$ 250.00	\$ 750.00	Ν	\$	6,413.00	\$	-
14	5 APC Masterswitch remote controlled power unit	All	\$	900.00	\$ 4,500.00	\$ 371.00	\$ 225.00	\$ 675.00	Ν	\$	5,771.00	\$	-
15	1 System design, engineering and project management	All	\$	-	\$ -	\$ -	\$ -	\$ 15,000.00	Ν	\$	15,000.00	\$	-
	Section Total				\$ 43,500.00	\$ 3,589.00	\$ 2,175.00	\$ 21,525.00		\$	59,888.00	\$	10,901.00
	COUNTYWIDE SHARED TOTAL				\$ 116,000.00	\$ 9,572.00	\$ 5,800.00	\$ 50,400.00			\$123,808	\$	57,964.00
	PROJECT TOTAL				\$ 610,136.00	\$ 49,849.00	\$ 30,207.00	\$ 169,020.00		\$	459,210.00	\$	400,003.00