

**SUBMITTAL TO THE BOARD OF SUPERVISORS  
COUNTY OF RIVERSIDE, STATE OF CALIFORNIA**

725



FORM APPROVED COUNTY COUNSEL  
DATE 4/8/15  
BY: GREGORY P. PRIAMOS

**FROM:** Riverside County Information Technology (RCIT) – Communication Solutions Division

**SUBMITTAL DATE:**  
April 7, 2015

**SUBJECT:** Approve the Second Amendment to the Sprint Nextel Rebanding Frequency Reconfiguration Agreement, All Districts

**RECOMMENDED MOTION:** That the Board of Supervisors:

1. Approve and execute the second amendment to the Frequency Reconfiguration Agreement between the County of Riverside, Sprint Nextel of California, Inc., and Motorola Solutions; and
2. Authorize the Purchasing Agent, in accordance with Ordinance No. 459, to sign amendments that do not change the substantive terms of the agreement, as approved by County Counsel.

**BACKGROUND:**

**Summary**

Approval of this agreement will result in a \$2.8 million reimbursement to the county. Approval results in acceptance of Sprint Nextel's proposal to reimburse us for labor expenses incurred by county and the cost of subscriber equipment returned to Sprint Nextel. The reimbursement will be used to make the last PSEC implementation payment to Motorola (for labor expenses incurred) and to reimburse a county general fund advance provided for PSEC implementation costs. The Executive Office will include a budget adjustment recommendation in the third quarter report.  
(continued on page 2)

Christopher Hans  
Interim Chief Information Officer

PURCHASING & FLEET SERVICES  
Lisa Brandl, Director  
Departmental Concurrence

FINANCIAL DATA	Current Fiscal Year:	Next Fiscal Year:	Total Cost:	Ongoing Cost:	POLICY/CONSENT (per Exec. Office)
COST	\$ 0	\$ N/A	\$ 0	\$ N/A	Consent <input type="checkbox"/> Policy <input checked="" type="checkbox"/>
NET COUNTY COST	\$	\$	\$	\$	

**SOURCE OF FUNDS:** Payment from Nextel – this reimburses County for prior expenses 30700-781120-1104200000

Budget Adjustment: No
For Fiscal Year: 14/15

**C.E.O. RECOMMENDATION:**

APPROVE

County Executive Office Signature

Jennifer L. Sargent

**MINUTES OF THE BOARD OF SUPERVISORS**

- A-30
- 4/5 Vote
- Positions Added
- Change Order

Prev. Agn. Ref.: 2/15/11 3-36  
3/25/14 3-21

District: ALL

Agenda Number:

**3-27**

**SUBMITTAL TO THE BOARD OF SUPERVISORS, COUNTY OF RIVERSIDE, STATE OF CALIFORNIA  
FORM 11: Sprint Nextel Rebanding Frequency Reconfirmation Agreement Amendment 2**

**DATE: April 7, 2015.**

**PAGE: 2 of 2**

**BACKGROUND:**

**Summary (continued)**

During the multi-year Public Safety Enterprise Communication (PSEC) project, the Federal Communication Commission (FCC) mandated rebanding of 800 MHz frequencies due to interference from Sprint Nextel commercial radio transmitter sites. The FCC further discovered limitations of the 800 MHz spectrum and advised PSEC to reengineer and redesign the new radio system using the 700 MHz frequency band. These changes required additional design expenditures and made some of our radio equipment obsolete. It was the FCC's decision to obligate Sprint Nextel to pay for the reengineering and new equipment expenses.

The Board of Supervisors approved the Sprint Nextel frequency reconfiguration agreement on February 15, 2011 (item 3-36), and the first amendment on March 25, 2014 (item 3-21). This is the second amendment to the frequency reconfiguration agreement.

**Impact on Citizens and Businesses**

The acceptance and collection of funds resulting from the FCC's direction is in the interest of the citizens of Riverside County. The county will make use of the reimbursement to make the final payment necessary to close out the PSEC project. The PSEC radio system is a key tool for all public safety first responders across all regions of the county.

**AMENDMENT NUMBER 2 TO FREQUENCY RECONFIGURATION AGREEMENT**

**THIS AMENDMENT #2** shall amend and revise that certain Frequency Reconfiguration Agreement (the "Agreement") executed on March 7, 2011, as amended, by and between the **County of Riverside ("Incumbent")**, located in the state of California, and **Nextel of California, Inc.**, a wholly owned indirect subsidiary of Sprint Corporation, a Delaware corporation ("Nextel"). Nextel and Incumbent may be referred to collectively in this Agreement as the "Parties."

**NOW, THEREFORE**, for good and valuable consideration the receipt and sufficiency of which is hereby acknowledged, the Parties, in accordance with the provisions of Section 25 of the Agreement, hereby agree to amend and revise the Agreement as follows:

1. That Schedule C-1 is hereby deleted and is replaced with Schedule C-2, which is attached hereto and incorporated by reference herein.
2. That Schedule D is hereby deleted and is replaced with Schedule D-1, which is attached hereto and incorporated by reference herein.
3. Except as set forth above, this Amendment makes no other revisions or amendments to the Agreement or modifies or waives any of the rights or obligations of the Incumbent or Nextel.
4. In the event of any inconsistencies between the terms and conditions contained in the Agreement and the terms and conditions contained herein, the terms and conditions contained herein shall control.

In WITNESS WHEREOF, the Parties hereto, intending to be legally bound, have duly executed this Amendment #2 as of this \_\_\_\_\_ day of \_\_\_\_\_ 2015.

**INCUMBENT:**

County of Riverside, California

**NEXTEL:**

Nextel of California, Inc.

By: \_\_\_\_\_

Name: \_\_\_\_\_

Title: \_\_\_\_\_

By: *[Signature]*

Name: Patricia C. Tikka

Title: VP Spectrum

FORM APPROVED COUNTY COUNSEL

BY: *[Signature]*  
NEAL R. KIPNIS

DATE

**SCHEDULE C-2**

**800 MHZ RECONFIGURATION**

**COST ESTIMATE - CERTIFIED REQUEST**

**Request for Reconfiguration Funding**

**Incumbent's Name: Riverside, County of, CA**

Pursuant to the Order, Incumbent is required to reconfigure its existing facilities and requests Nextel to fund the estimated Reconfiguration Cost included below:

**Incumbent Payment Terms:** Nextel will pay Incumbent an amount not to exceed the Estimated Cost(s) for Incumbent with respect to each category of work, as set forth below. Nextel will pay Incumbent \$3,057,805.11 within 15 days (30 days if Incumbent elects to be paid by check rather than electronic funds transfer) after receipt by Nextel of the fully executed Agreement and fully completed Incumbent Information Form (as set forth on Exhibit A). With respect to this Amendment #2, Nextel will pay Incumbent \$2,887,728.79 within 15 days (30 days if Incumbent elects to be paid by check rather than electronic funds transfer) after the following conditions have been met: (A) receipt by Nextel of the fully executed Amendment #2, and (B) receipt and approval by Nextel of the supporting documentation for all Actual Costs associated with the Agreement, Amendment #1 and Amendment #2. Nextel will pay any outstanding balance of the Actual Costs due to Incumbent within 30 days after the Reconciliation Date (as "Actual Costs" and "Reconciliation Date" are defined in Section 3(b)(i)).

**Vendor Payment Terms:** Nextel will pay each Vendor an amount not to exceed the Estimated Cost(s) for that Vendor with respect to each category of work, as set forth below. Nextel will pay each Vendor within 30 days after receipt by Nextel of (A) an invoice from the Vendor and (B) Incumbent's approval of receipt of goods and services and approval of associated costs included on the Vendor invoice.

**1. System Description:** Riverside County operates an M/A-COM EDACS, 89 site system, on the Effective Date. The PSEC System is currently in the implementation phase and that will replace the Incumbent's existing system. The Incumbent originally anticipated operation of the PSEC System as an 800 MHz system (with the Alternative System planned to replace the existing 800 MHz system) that would be operational in 2010. This Cost Estimate includes the Ordinary Reconfiguration of the Education Channel and national mutual aid channels that Incumbent operates, and the 700 MHz Conversion Cost for the PSEC System and interleaved conventional 800 MHz channels referenced in recital E of the Agreement.

The major system elements to be reconfigured are summarized in the table below:

	<b>Total In System</b>	<b>Total Included in FRA</b>
Base station frequencies	669	669
- Voice channels	0	0

- Home/Control channels	67	67
Repeater sites	47	47
Other sites (remote recv, BDA)	0	0
Subscriber units retuned	0	0
Subscriber units reprogrammed	3329	3329
Subscriber units replaced	2185	2185
Subscriber units rebanded total	5514	5514
Entities operating on the system	0	0

**2. Reconfiguration Milestones:** Identify the anticipated start date of the overall reconfiguration of your system (Project Start). Then, for each major reconfiguration milestone listed in the table below, provide (1) the anticipated number of days after project start date required to begin execution of the task identified, and (2) the estimated duration in number of days required to complete the task identified. As an FRA is negotiated, it is not always possible to know an actual start date for specific reconfiguration tasks. In such a case, it is acceptable to forecast an estimated start date from execution of the FRA (i.e., "contract execution + xx days") and estimate the duration of each task.

Reconfiguration Task	Start Date	# of Days After Project Start Date for Start of Task	Estimated Duration in # of Days
Project Start			
Reconfiguration Planning			Completed
Reconfigure Subscriber Equipment			Completed
Reconfigure Infrastructure Equipment			Completed
System Acceptance			Completed

**3. Implementation Plan:** See Motorola SOW

**4. Cost Estimate:**

Description of Work To Be Performed	Payee(separately identify Incumbent and each Vendor being paid for work performed)	Estimated Cost(s) for Incumbent and Each Vendor (Not to Exceed listed amount)
<p><b>I. Subscriber Equipment Reconfiguration</b> Education Conventional:</p> <ul style="list-style-type: none"> <li>• Connect Wireless - GTX 800 BASE (6 @ \$50.00 /unit = \$300.00)</li> <li>• Connect Wireless - MTX850 LS PORTABLE (1 @ \$50.00 /unit = \$50.00)</li> <li>• Connect Wireless - RPROGRAM BUS RADIOS TO NEW FREQUENCY - TK980 (113 @ \$50.00 /unit = \$5,650.00)</li> <li>• Cost of replacement subscriber equipment for P25 capable but not 700MHz capable units (2281) (\$5,591,093.40)</li> </ul>	<p>(Incumbent) Riverside County</p>	<p>\$5,597,093.40</p>
<p><b>II. Infrastructure Equipment Reconfiguration</b> <b>a. Infrastructure Equipment Reconfiguration Services</b> ITAC Conventional:</p> <ul style="list-style-type: none"> <li>• SW Jail, French Valley (1 @ \$564.79 /unit = \$564.79)</li> <li>• Blythe Jail, Blythe (1 @ \$391.01 /unit = \$391.01)</li> <li>• RPDC, Riverside (1 @ \$434.45 /unit = \$434.45)</li> <li>• SFC, Banning (1 @ \$564.79 /unit = \$564.79)</li> <li>• Indio Jail, Indio (1 @ \$304.12 /unit = \$304.12)</li> <li>• SW Court, French Valley (1 @ \$564.79 /unit = \$564.79)</li> <li>• Indio Court, Indio (1 @ \$304.12 /unit =</li> </ul>	<p>(Incumbent) Riverside County</p>	<p>\$15,853.39</p>

\$304.12)

- FireMARS, BoxSprings Riverside (1 @ \$391.01 /unit = \$391.01)
- Norco Conv, Pleasant Peak (1 @ \$564.79 /unit = \$564.79)
- Jurupa Conv, Jurupa Station (1 @ \$477.90 /unit = \$477.90)
- Box Springs (1 @ \$1,045.12 /unit = \$1,045.12)
- Elsinore Peak (1 @ \$1,088.58 /unit = \$1,088.58)
- Mt David (1 @ \$1,088.58 /unit = \$1,088.58)
- Santa Rose Peak (1 @ \$1,515.02 /unit = \$1,515.02)
- Chuckawalla (1 @ \$1,349.25 /unit = \$1,349.25)
- Cactus City (1 @ \$1,001.69 /unit = \$1,001.69)
- Whitewater (1 @ \$1,088.58 /unit = \$1,088.58)
- Big Maria (1 @ \$914.80 /unit = \$914.80)
- Indio Hills (1units)
- EEPROM shipping (1 @ \$500.00 /unit = \$500.00)
- Connect Wireless - REPROGRAM REPEATER AT SANTIAGO and Snow Peak (Ed Conv) (2 @ \$100.00 /unit = \$200.00)
- Connect Wireless - TRAVEL TO MOUNTAIN TOP REPEATER SITES (Ed Conv) (2 units @ 4.00 hrs each @ \$125.00 /hr = \$1,000.00)
- Connect Wireless - OPTIMIZATION/TESTING OF SYSTEM (Ed Conv) (10hrs @ \$50.00 /hr = \$500.00)

<p><b>b. Infrastructure Equipment Reconfiguration Equipment/Software:</b></p> <ul style="list-style-type: none"> <li>• RF Site Combiner (98 @ \$1,520.00 /Each)</li> <li>• Control Station Combiners (-3 @ \$9,029.60 /Each)</li> <li>• Control Station Combiner Duplexers (3 @ \$1,813.60 /Each)</li> <li>• Data Modem Duplexers for Fire Stations (-103 @ \$3.20 /Each)</li> <li>• Data Modem Duplexers for Vehicles (-995 @ \$3.20 /Each)</li> <li>• Control Station Antennas (-80 @ \$88.00 /Each)</li> <li>• Data Antennas for Fire Stations (-101 @ \$88.00 /Each)</li> <li>• Voice RF Site Antennas (170 @ \$1,929.75 /Each)</li> <li>• Data RF Site Antennas (54 @ \$494.34 /Each)</li> <li>• Tax 8.75% (1 @ \$40,479.41 /Each)</li> </ul>	<p>(Vendor) Motorola</p>	<p>\$503,101.28</p>
<p><b>III. Engineering and Verification</b> Engineering/Implementation Planning</p> <ul style="list-style-type: none"> <li>• Intermod &amp; Interference Plan &amp; Input documents. Must be redone (89 sites) (140 hrs to date and 20 hrs estimated to complete) (160hrs @ \$190.00 /hr = \$30,400.00)</li> <li>• Expenses (1 @ \$750.00 /unit = \$750.00)</li> </ul> <p>Engineering/Implementation Planning</p> <ul style="list-style-type: none"> <li>• Frequency Reuse Plan 2008 (228 hrs to date) (228hrs @ \$175.00 /hr = \$39,900.00)</li> <li>• Frequency Reuse Plan 2009 (164 hrs to date</li> </ul>	<p>(Vendor) Motorola</p>	<p>\$566,760.00</p>



<p>and 20 hrs estimated to complete) (184hrs @ \$190.00 /hr = \$34,960.00)</p> <ul style="list-style-type: none"> <li>• Coverage Analysis (1285 hrs to date and 223 hrs estimated to complete) (1508hrs @ \$190.00 /hr = \$286,520.00)</li> <li>• Redesign of RF Site Equipment &amp; Antenna Systems (392 hrs estimated to complete) (392hrs @ \$190.00 /hr = \$74,480.00)</li> <li>• Vehicle Antenna System Design (40 hrs to date) (40hrs @ \$190.00 /hr = \$7,600.00)</li> <li>• FCC License Application Engineering for Data (440 hrs estimated to complete) (440hrs @ \$190.00 /hr = \$83,600.00)</li> <li>• FCC License Application Preparation, Monitoring, and Construction Notification (45 hrs estimated to complete) (45hrs @ \$190.00 /hr = \$8,550.00)</li> </ul>		
<p><b>IV. Professional Services</b>            Planning - Project Management</p> <ul style="list-style-type: none"> <li>• Fixed Project Support (38 hrs to date and 10 hrs estimated to complete) (48hrs @ \$190.00 /hr = \$9,120.00)</li> <li>• Variable Project Support (38 hrs to date and 42 hrs estimated to complete) (80hrs @ \$190.00 /hr = \$15,200.00)</li> <li>• Negotiations Support (240 hrs estimated to complete) (100hrs @ \$190.00 /hr = \$19,000.00)</li> </ul> <p>Rough Order of Magnitude Estimate Planning</p> <ul style="list-style-type: none"> <li>• Communications with Riverside County (40 hrs to date and 24 hrs estimated to complete) (64hrs @ \$190.00 /hr = \$12,160.00)</li> <li>• Identify impacted hardware and incremental</li> </ul>	<p>(Vendor)            Motorola</p>	<p>\$77,520.00</p>

<p>cost differentials (32 hrs to date and 4 hrs estimated to complete) (36hrs @ \$190.00 /hr = \$6,840.00)</p> <ul style="list-style-type: none"> <li>Prepare ROM SOW (60 hrs to date and 20 hrs estimated to complete) (80hrs @ \$190.00 /hr = \$15,200.00)</li> </ul>		
<ul style="list-style-type: none"> <li>Licensing Fees 700 MHz (\$60/frequency/site) (384 @ \$60.00 /unit = \$23,040.00)</li> </ul>	<p>(Incumbent) Riverside County</p>	<p>\$23,040.00</p>
<ul style="list-style-type: none"> <li>Project Planning (RCC) (47hrs @ \$185.00 /hr = \$8,695.00)</li> </ul>	<p>(Incumbent) Riverside County</p>	<p>\$8,695.00</p>
<p><b>V Contracts and Legal</b> (KATZ Law Office P.C)</p> <ul style="list-style-type: none"> <li>Other Expenses (\$682.95)</li> </ul> <p>Actual invoices - General counseling and compliance. (6.0 hrs @ \$625.00 /hr = \$3,750.00)</p> <ul style="list-style-type: none"> <li>Actual invoices - FRA documentation, negotiation and related advice. Motorola rebanding contract (RPIA) and Motorola system purchase contract amendment review, comment, negotiation and advice. General counseling and compliance. No other expenses (5.25hrs @ \$654.00 /hr = \$3,433.50)</li> <li>Actual invoices - FRA documentation, negotiation and related advice. Motorola rebanding contract (RPIA) and Motorola system purchase contract amendment review, comment, negotiation and advice. General counseling and. No other expenses (76.75 hrs @ \$683.00 /hr = \$52,420.25)</li> <li>Actual invoices - FRA documentation, negotiation and related advice. Motorola rebanding contract (RPIA) and Motorola system purchase contract amendment</li> </ul>	<p>(Incumbent) Riverside County</p>	<p>\$216,177.20</p>

<p>review, comment, negotiation and advice. General counseling and compliance. No other expenses (146.75hrs @ \$710 /hr = \$104,192.50)</p> <ul style="list-style-type: none"> <li>Additional estimated – . Contingency assumes no required regulatory waivers or exemption requests from conventional 800 MHz rebanding reporting and scheduling requirements, no additional work applicable to conventional rebanding of Education Channel, no work for subsequent System Contract or other Motorola contract amendments, no need for reconciliation advice, no mediation or dispute events, and no change notices/orders under FRA or Motorola contracts , with the legal fees for such purposes, if they should arise, to be authorized through related FRA change notices. No other expenses. Pre-FRA execution documentation, negotiation and related advice. Motorola rebanding contract (RPIA) and Motorola system purchase contract amendment review, comment, negotiation and advice. General counseling and compliance (25.0 hours@\$710/hr=\$17,750.00) Post-FRA execution general counseling and compliance (12.0 hrs @ estimated then current rate /hr over 24 months= \$8,856.00)</li> <li>Additional hours for general counseling and compliance (34hrs @ 738/hr = \$25,092.00)</li> </ul>		
<p><b>VI Other Costs</b> Engineering:</p> <ul style="list-style-type: none"> <li>PS Query - Project Preparation-PSEC (388.85hrs @ \$67.31 /hr = \$26,172.33)</li> <li>HRMS DW &amp; RCIT Rate - Project Preparation-RCIT expended (1555.755hrs @ \$61.76 /hr =</li> </ul>	<p>(Incumbent) Riverside County</p>	<p>\$224,666.34</p>

<p>\$96,083.92)</p> <ul style="list-style-type: none"> <li>• RCIT &amp; PSEC - Estimated Project cost (time &amp; Labor) (291.06hrs @ \$159.96/hr = \$46,557.98)</li> <li>• RCIT &amp; PSEC - Support Motorola with the preparation of up to twenty-one FCC Form 601 license application packages to support a two (2) phase (voice and data), ninety-one site, 700 MHz system requirement, including one associated mobile application; assistance with drafting the Riverside County Extended Implementation Schedule; routine monitoring of FCC filings throughout the frequency coordination and/or FCC processes; drafting, filing, and monitoring of up to twenty-one FCC construction notifications (consisting of the first annual notification only for each of twenty-one call signs) following license grants. (217.5429hrs @ \$159.96 /hr = \$34,798.16)</li> <li>• Office of Education - Office of Education rebanding planning (50hrs @ \$159.96 /hr = \$7,998.00) Mexican border FCC requirements for PFD (83hrs @ 157.30/hr = \$13,055.90)</li> </ul>		
<p><b>VII Contingency Costs</b></p> <p>Specified Contingencies:</p> <ul style="list-style-type: none"> <li>• Project Planning 10% of total time (294.2hrs @ \$102.26 /hr = \$30,084.89)</li> </ul> <p>General Contingency</p> <ul style="list-style-type: none"> <li>• \$500,000 for General Contingency. Contingency expenditure requires prior approval by Sprint pursuant to Section 8(b).</li> </ul>	<p>(Incumbent) Riverside County</p>	<p>\$530,084.89</p>
<p><b>Amendment - 1 (Previous)</b></p>		
<p><b>Description of Work To Be Performed</b></p>	<p><b>Payee</b></p>	<p><b>Estimated Cost(s)</b></p>

<p><b>I. Infrastructure Equipment Reconfiguration</b></p>	<p>(Vendor)</p>	
<p><b>a. Infrastructure Equipment Reconfiguration Services</b></p>	<p>Motorola</p>	<p>\$393,196.44</p>
<p>Tower Re-Analysis for new 700MHz antennas</p>		
<ul style="list-style-type: none"> <li>● Motorola - Construction Engineering (changes in antenna locations and orientation) (62hrs @ \$190.00 /hr = \$11,780.00)</li> <li>● Motorola - Construction Manager (changes in antenna locations and orientation) (41hrs @ \$190.00 /hr = \$7,790.00)</li> <li>● 25 towers - Sabre tower analysis - complete analysis with PE stamp of 2 towers @ \$1000 and 23 towers that were validated and we received email approval (\$200 each) (1 @ \$6,600.00 /unit = \$6,600.00)</li> <li>● 2 towers - A&amp;E firm (CSI/Telespan) - 2 existing county owned towers evaluated (1 @ \$2,000.00 /unit = \$2,000.00)</li> </ul>		
<p>Antenna mounts rework (22 towers)</p>		
<ul style="list-style-type: none"> <li>● Office Project Management (80hrs @ \$190.00 /hr = \$15,200.00)</li> <li>● Field Project Management (80hrs @ \$190.00 /hr = \$15,200.00)</li> <li>● Engineering (20hrs @ \$190.00 /hr = \$3,800.00)</li> <li>● General Contractor (8hrs @ \$190.00 /hr = \$1,520.00)</li> <li>● Construction Manager (8hrs @ \$190.00 /hr = \$1,520.00)</li> </ul>		
<p>Tower remediation - construction cost</p>		
<ul style="list-style-type: none"> <li>● Remediation Construction cost (2 towers to be re-enforced) (2 @ \$40,000.00 /unit = \$80,000.00)</li> <li>● Construction cost delta now that 5 towers</li> </ul>		

<p>were larger than previously planned (5 @ \$7,500.00 /unit = \$37,500.00)</p> <p>700 MHz Antenna replacement and Coverage re-analysis for canceled antennas and Mexico Interference analysis</p> <ul style="list-style-type: none"> <li>• Propagation maps for 24 sites (18 physical locations) - time already spent (535.4211hrs @ \$190.00 /hr = \$101,730.00)</li> <li>• Propagation maps for 4 sites impacted by the border with Mexico (80hrs @ \$190.00 /hr = \$15,200.00)</li> <li>• If antenna changes are required for 4 border sites, this is equipment cost (6 @ \$3,500.00 /unit = \$21,000.00)</li> </ul> <p>Equipment</p> <ul style="list-style-type: none"> <li>• Subcontract Services - labor to switch out mounting hardware (1 @ \$32,783.22 /unit = \$32,783.22)</li> <li>• Additional Mounting Hardware - hardware cost (1 @ \$29,573.22 /unit = \$29,573.22)</li> <li>• Larger Tower cost (5 towers) - delta in cost from previous order (5 @ \$2,000.00 /unit = \$10,000.00)</li> </ul>		
<p><b>b. Infrastructure Equipment Reconfiguration Equipment/Software:</b></p> <ul style="list-style-type: none"> <li>• Antenna cost - delta from old 700 to new 700 (1 @ \$37,250.43 /Each)</li> <li>• Tax 7.75% (1 @ \$2,886.91 /Each)</li> </ul>	<p>(Vendor) Motorola</p>	<p>\$40,137.34</p>
<p><b>II. Professional Services Costs</b> Proposal preparation and negotiation</p>	<p>(Vendor) Motorola</p>	<p>\$10,640.00</p>

<ul style="list-style-type: none"> <li>• Program Management (28hrs @ \$190.00 /hr = \$5,320.00)</li> <li>• Engineering (20hrs @ \$190.00 /hr = \$3,800.00)</li> <li>• Construction Manager (8hrs @ \$190.00 /hr = \$1,520.00)</li> </ul>		
<b>Amendment - 2 (New)</b>		
<b>Description of Work To Be Performed</b>	<b>Payee</b>	<b>Estimated Cost(s)</b>
<p><b>I. Subscriber Equipment Reconfiguration</b> Education Conventional:</p> <ul style="list-style-type: none"> <li>• Connect Wireless - GTX 800 BASE (-6 @ \$50.00 /unit = (\$300.00))</li> <li>• Connect Wireless - MTX850 LS PORTABLE (-1 @ \$50.00 /unit = (\$50.00))</li> <li>• Connect Wireless - RPROGRAM BUS RADIOS TO NEW FREQUENCY - TK980 (-113 @ \$50.00 /unit = (\$5,650.00))</li> <li>• Collect and return Subscriber equipment (1006.675hrs @ \$67.31 /hr = \$67,759.29)</li> </ul>	(Incumbent) Riverside County	\$61,759.29
<p><b>II. Infrastructure Equipment Reconfiguration</b> <b>a. Infrastructure Equipment Reconfiguration Services</b> ITAC Conventional:</p> <ul style="list-style-type: none"> <li>• SW Jail, French Valley (-1 @ \$564.79 /unit = (\$564.79))</li> <li>• Blythe Jail, Blythe (-1 @ \$391.01 /unit = (\$391.01))</li> <li>• RPDC, Riverside (-1 @ \$434.45 /unit = (\$434.45))</li> <li>• SFC, Banning (-1 @ \$564.79 /unit = (\$564.79))</li> <li>• Indio Jail, Indio (-1 @ \$304.12 /unit =</li> </ul>	(Incumbent) Riverside County	(\$15,853.39)

(\$304.12))

- SW Court, French Valley (-1 @ \$564.79 /unit = (\$564.79))
  - Indio Court, Indio (-1 @ \$304.12 /unit = (\$304.12))
  - FireMARS, Box Springs Riverside (-1 @ \$391.01 /unit = (\$391.01))
  - Norco Conv, Pleasant Peak (-1 @ \$564.79 /unit = (\$564.79))
  - Jurupa Conv, Jurupa Station (-1 @ \$477.90 /unit = (\$477.90))
  - Box Springs (-1 @ \$1,045.12 /unit = (\$1,045.12))
  - Elsinore Peak (-1 @ \$1,088.58 /unit = (\$1,088.58))
  - Mt David (-1 @ \$1,088.58 /unit = (\$1,088.58))
  - Santa Rose Peak (-1 @ \$1,515.02 /unit = (\$1,515.02))
  - Chuckawalla (-1 @ \$1,349.25 /unit = (\$1,349.25))
  - Cactus City (-1 @ \$1,001.69 /unit = (\$1,001.69))
  - Whitewater (-1 @ \$1,088.58 /unit = (\$1,088.58))
  - Big Maria (-1 @ \$914.80 /unit = (\$914.80))
- Indio Hills (-1units)
- EEPROM shipping (-1 @ \$500.00 /unit = (\$500.00))
  - Connect Wireless - REPROGRAM REPEATER AT SANTIAGO and Snow Peak (Ed Conv) (-2 @ \$100.00 /unit = (\$200.00))



<ul style="list-style-type: none"> <li>• Connect Wireless - TRAVEL TO MOUNTAIN TOP REPEATER SITES (Ed Conv) (-2 units @ 4.00 hrs each @ \$125.00 /hr = (\$1,000.00))</li> <li>• Connect Wireless - OPTIMIZATION/TESTING OF SYSTEM (Ed Conv) (-10hrs @ \$50.00 /hr = (\$500.00))</li> </ul>		
<p><b>b. Infrastructure Equipment Reconfiguration Equipment/Software:</b></p> <ul style="list-style-type: none"> <li>• M/A Com - Cost of replacement subscriber equipment for P25 capable but not 700MHz capable units (-96 units) (-1 @ \$240,576.00 /Each)</li> </ul>	<p>(Vendor) Riverside County</p>	<p>(\$240,576.00)</p>
<p><b>III. Professional Services Costs</b></p> <ul style="list-style-type: none"> <li>• Licensing Fees 700 Mhz (\$60/frequency/site) (-384 @ \$60.00 /unit = (\$23,040.00))</li> <li>• RCC - Project Planning (34.31216 @ \$185.00 /unit = \$6,347.75)</li> <li>• Record Maintenance (5hrs @ \$67.31 /hr = \$336.55)</li> <li>• Engineering: frequency analysis (52hrs @ \$67.31 /hr = \$3,500.12)</li> <li>• Project Management &amp; Engineering (2307.15hrs @ \$67.31 /hr = \$155,294.27)</li> <li>• FRA negotiations (1hrs @ \$67.31 /hr = \$67.31)</li> <li>• Engineering: frequency analysis (503hrs @ \$67.31 /hr = \$33,856.93)</li> <li>• FRA negotiations (63hrs @ \$67.31 /hr = \$4,240.53)</li> <li>• System verification (109hrs @ \$67.31 /hr = \$7,336.79)</li> <li>• System verification (1hrs @ \$102.26 /hr =</li> </ul>	<p>(Incumbent) Riverside County</p>	<p>\$192,446.81</p>

<p>\$102.26)</p> <ul style="list-style-type: none"> <li>• Implementation planning (36.5hrs @ \$102.26 /hr = \$3,732.49)</li> <li>• Incumbent Project Planning (9.9808hrs @ \$67.31 /hr = \$671.81)</li> </ul>		
<p><b>IV. Contracts and Legal Costs</b></p> <ul style="list-style-type: none"> <li>• Additional legal Services by Art Katz (33.31339hrs @ \$738.00 /hr = \$24,585.28)</li> </ul>	<p>(Incumbent) Riverside County</p>	<p>\$24,585.28</p>
<p><b>V. Other Costs</b></p> <ul style="list-style-type: none"> <li>• Office of Education - Office of Education rebanding planning (-50hrs @ \$159.96 /hr = (\$7,998.00))</li> <li>• Mexican border FCC requirements for PFD (-83hrs @ \$157.30 /hr = (\$13,055.90))</li> <li>• PS Query - Project Preparation-PSEC (-89hrs @ \$72.95 /hr = (\$6,492.49))</li> <li>• HRMS DW &amp; RCIT Rate - Project Preparation-RCIT expended (-285.5hrs @ \$109.00 /hr = (\$31,119.39))</li> <li>• RCIT &amp; PSEC - Estimated Project cost (time &amp; Labor) (-1740hrs @ \$75.40 /hr = (\$131,202.40))</li> <li>• RCIT &amp; PSEC - Support Motorola with the preparation of up to twenty-one FCC Form 601 license application packages to support a two (2) phase (voice and data), ninety-one site, 700 MHz system requirement, including one associated mobile application; assistance with drafting the Riverside County Extended Implementation Schedule; routine monitoring of FCC filings throughout the frequency coordination and/or FCC processes; drafting, filing, and monitoring of up to twenty-one FCC</li> </ul>	<p>(Incumbent) Riverside County</p>	<p>(\$192,438.31)</p>

<p>construction notifications (consisting of the first annual notification only for each of twenty-one call signs) following license grants. (-217.5429hrs @ \$159.96 /hr = (\$34,798.16))</p> <ul style="list-style-type: none"> <li>License modifications, includes 601 forms (405.3hrs @ \$67.31 /hr = \$27,280.74)</li> <li>License applications (73.5hrs @ \$67.31 /hr = \$4,947.29)</li> </ul>		
<ul style="list-style-type: none"> <li>PM - Planning for NPSPAC MA channel reconfiguration. (4 hours/site for 8 sites) (8 units @ 4.00 hrs each @ \$100.00 /hr = \$3,200.00)</li> <li>ENG - Prepare floor plan and rack layout drawings for RCIT approval Labor (4 hours/site for 8 sites) (8 units @ 4.00 hrs each @ \$90.00 /hr = \$2,880.00)</li> </ul>	<p>(Vendor) Wireless Infrastructure Services</p>	<p>\$6,080.00</p>
<p><b>VI. Contingency Costs</b></p> <ul style="list-style-type: none"> <li>Contingency for work described in Schedule F. Contingency expenditure requires prior approval by Sprint (-1 @ \$500,000.00 /unit = (\$500,000.00))</li> </ul>	<p>(Incumbent) Riverside County</p>	<p>(\$500,000.00)</p>
<p><b>Amended Cost Totals:</b></p>		
<p>Riverside County</p>	<p>Incumbent</p>	<p>\$5,945,533.90</p>
<p>Motorola</p>	<p>Vendor</p>	<p>\$1,591,355.06</p>
<p>Wireless Infrastructure Services</p>	<p>Vendor</p>	<p>\$6,080.00</p>
<p>Total Estimated Costs</p>		<p>\$7,542,968.96</p>

Certification

Pursuant to the Order, Incumbent hereby certifies to the Transition Administrator appointed pursuant to the Order that the funds requested above are the minimum necessary to provide Incumbent reconfigured facilities comparable to those presently in use in a manner that is reasonable, prudent and timely. Incumbent further certifies, to the best of Incumbent's knowledge, that any vendor costs identified on the Schedule C are comparable to costs previously charged by each such vendor to Incumbent.

Signature: \_\_\_\_\_  
Print Name: \_\_\_\_\_  
Title: \_\_\_\_\_  
Phone Number: \_\_\_\_\_  
E-mail: \_\_\_\_\_  
Date: \_\_\_\_\_

FORM APPROVED COUNTY COUNSEL  
BY: Neal R. Kipnis 1/12/15  
NEAL R. KIPNIS DATE

**AMENDED SCHEDULE D - 1**

**Riverside, County of, CA PH II**

**2) Replacement Equipment (provided by Nextel)**

Quantity	Manufacturer	Description	Model Number	New/Used
1		Mastr III, transceiver FIREMARS		
4		4 port hybrid combiners	26542	
8		Angle Linear Bandpass filter	CBP8621NR	
10		700 Mhz omni antennas (1rx, 1 tx for each site)		
20		Repeater 700 MHz, conventional	Repeater 700 MHz, conventional	
		NPSPAC Conventional ^		
5		4-1 combiners		
5		rx multicoupler		
		<b>Amendment-2 (New)</b>		
-1		Mastr III, transceiver FIREMARS		
-4		4 port hybrid combiners	26542	
-8		Angle Linear Bandpass filter	CBP8621NR	
-10		700 Mhz omni antennas (1rx, 1 tx for each site)		
-20		Repeater 700 MHz, conventional	Repeater 700 MHz, conventional	
-5		4-1 combiners		
-5		rx multicoupler		

**3) Replaced Equipment (to be delivered to Nextel prior to Closing)**

Quantity	Manufacturer	Description	Model Number
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1		Mastr II transceiver	
4		4 port hybrid combiners	
8		Angle Linear Bandpass filter	
20		800 MHz Repeaters	
5		4-1 combiner	
5		rx multicoupler	
1213		P7100	HT7170T81X
1213		Feature, ProRoam(ProScan/Priority SysScan)	HTED
1213		Feature, ExtNet=800SysGrp,ProRoam,ProFile	HTEN
2426		Battery, Nimh, Extra Hi Capacity, DR	HTPA9P
1213		Charger, Single, Tri-Chemistry	HTCH9E
1213		Antenna,800MHz,Whip	HTNC1K
1213		Microphone, Lapel	HTAE7A
1213		Case, Nylon, w Belt Loop/Swivel, Black	HTHC7R
964		7100M	MAHG-S8MXX
964		Feature, EDACS Data	MAHG-PL3X
964		Feature Set, EDACS Radio	MAHG-ED
964		Feature, ExtNet=800SysGrp,ProRoam,ProFile	MAHG-EN
964		Control Unit, System, Remote Mount	MAHG-CP7X
964		Microphone, Standard	MAHG-MC7T
964		Kit, Accessory, Remote Mount,50W TX & Less	MAHG-ZN5X
3		7100M DESKTOP	DSDX09
3		CABLE,STATION TO ANTENNA	DSCE3G
3		Mobile,M7100-IP,806-870MHz,35W	MAHG-S8MXX
3		Feature Set, EDACS Radio	MAHG-ED
3		Feature, ExtNet=800SysGrp,ProRoam,ProFile	MAHG-EN

3		Control Unit, System, Front Mount	MAHG-CP7V
3		Microphone, Desk	MAHG-MC5A
101		P5100	MAHM-S8DXX
101		Feature, ProRoam(ProScan/Priority SysScan)	MAHM-PL1X
101		Feature, ExtNet=800SysGrp,ProRoam,ProFile	MAHM-PA9P
202		Battery, Nimh, Extra Hi Capacity, DR	MAHM-CH9E
101		Charger, Single, Tri-Chemistry	MAHM-NC1K
101		Antenna,800MHz,Whip	MAHM-AE7A
101		Microphone, Lapel	MAHM-HC7N
101		Case, Nylon, w Belt Loop/Swivel, Black	MAHM-HC7P
		<b>Amendment-2 (New)</b>	
-1		Mastr III, transceiver FIREMARS	
-4		4 port hybrid combiners	26542
-8		Angle Linear Bandpass filter	CBP8621NR
-20		Repeater 700 MHz, conventional	Repeater 700 MHz, conventional
-5		4-1 combiners	
-5		rx multicoupler	
-96	M/A Com	7100M	MAHG-S8MXX
-96	M/A Com	Control Unit, System, Remote Mount	MAHG-CP7X
-96	M/A Com	Microphone, Standard	MAHG-MC7T