

NAME OF DOCUMENT: **AMENDMENT #3 TO FREQUENCY RECONFIGURATION AGREEMENT**

Approved at Commission Meeting on **11/6/12** CAR# **12-2382** 12 DEC 28 AM 9:52

ITEM: M-3 PH - O - CR - R

Routing Origin: CITY ATTORNEY'S OFFICE: ENGINEERING COMMUNITY DEV.

OTHER ITS Dept.

Also attached: copy of CAR copy of document ACM Form # 3 originals

By: _____ forwarded to: _____
Initials

1.) Approved as to Content: Mike Mauri 11/29/12
Department Director

2.) Approved as to Funds Available: by N/A Date: _____
Finance Director

Amount Required by Contract/Agreement \$ _____ Funding Source: _____

Dept./Div. _____ Index/Sub-object _____ Project # _____

3.) City Attorney's Office: Approved as to Form:# _____ Originals to City Mgr. By: _____

Harry A. Stewart	_____	Sharon Miller	_____	Robert B. Dunckel	_____
Ginger Wald	_____	D'Wayne Spence	_____	Paul G. Bangel	<u>x PGB</u>
Carrie Sarver	_____	DJ Williams-Persad	_____	Victoria Minard	_____

4.) Approved as to content: Assistant City Manager:
By: _____ By: _____
David Hebert, Assistant City Manager Ted Lawson, Assistant City Manager

5.) City Manager: Please sign as indicated and forward :# _____ originals to Mayor.

6.) Mayor: Please sign as indicated and forward :# _____ originals to Clerk.

7.) To City Clerk for attestation and City seal.

INSTRUCTIONS TO CLERK'S OFFICE

8.) City Clerk: retains one original document and forward 1 original documents to **Diana Scott**

Copy of document to **CAO/Carla** Original Route form to **CAO/Carla**
1 certified copy of agreement to Diana Scott

1/7

AMENDMENT #3 TO FREQUENCY RECONFIGURATION AGREEMENT

THIS AMENDMENT #3 TO FREQUENCY RECONFIGURATION AGREEMENT dated January 7, 2013, 2012, ("Amendment #3"), amends and revises that certain Frequency Reconfiguration Agreement dated the 6th of July, 2009, as amended, (the "Agreement"), by and between **The City of Fort Lauderdale** ("Incumbent") and **Nextel South Corp.** ("Nextel").

Incumbent and Nextel hereby agree to amend and revise the Agreement as follows:

1. **Schedule C:** Schedule C-2 to the Agreement is revised and replaced in its entirety with the Schedule C-3 attached to this Amendment #3.

All capitalized terms not defined herein shall have the definitions set forth in the Agreement. Except as set forth above, there is no other revision or amendment to the Agreement or the obligations of the Incumbent and Nextel in this Amendment #3, and the Agreement as hereby amended remains in full force and effect.

IN WITNESS WHEREOF, the parties hereto, intending to be legally bound, have duly executed this Amendment #3 as of the date first written above.

Remainder of page intentionally blank

INCUMBENT:
CITY OF FORT LAUDERDALE,
A Florida Municipality

By: [Signature]
John R. "Jack" Seiler
Mayor

ATTEST:

[Signature]
Jonda K. Joseph
City Clerk

By: [Signature]
Lee Feldman
City Manager

Approved as to form:

[Signature]
Sr. Assistant City Attorney

WITNESSES:

Print Name: _____

Print Name: _____

(Corporate Seal)

NEXTEL
Nextel South Corp., a Georgia
corporation

By: [Signature]
Name: WILLIAM M JENKINS
Title: AUTHORIZED SIGNATORY

ATTEST:

Print Name: _____
Secretary

STATE OF Georgia
COUNTY OF Gwinnett

¹⁵⁰ ¹² The foregoing instrument was acknowledged before me this 19 day of November, 2011, by William Jenkins as vice president for Nextel South Corp., a Georgia corporation authorized to transact business in the State of Florida.



(SEAL)

[Signature]
(Signature of Notary Public)
State of Georgia
(Print, Type, or Stamp Commissioned Name of Notary Public)

Personally Known OR Produced Identification _____

Type of Identification Produced _____

September 11, 2012

SCHEDULE C - 3

800 MHZ RECONFIGURATION

COST ESTIMATE – CERTIFIED REQUEST

Incumbent's Name: City of Fort Lauderdale, FL

Request for Reconfiguration Funding

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

Incumbent Payment Terms: Sprint 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. Sprint Nextel will pay Incumbent \$336,535.80 within 15 days (30 days if Incumbent elects to be paid by check rather than electronic funds transfer) after receipt by Sprint Nextel of the fully executed Agreement and fully completed Incumbent Information Form (as set forth on Exhibit A). Sprint 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: Sprint 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. Sprint Nextel will pay each Vendor within 30 days after receipt by Sprint 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: The City of Fort Lauderdale operates a SmartNet II Plus three transmit/receive site, one receive only site, twenty-six channel simulcast trunking system that is connected to the Broward County SmartZone switch. The simulcast controllers and collocated remote site controller are located at the Fort Lauderdale Police Department. Additional transmit/receive sites are located at the Fort Lauderdale Utilities Department and the Streets & Highways site. The Fort Lauderdale Police Department and the Utilities sites each utilize four transmit combiners, eight transmit antennas, one receive antenna, and one tower top amplifier / receive multicoupler. The Streets & Highways site utilizes four transmit combiners, four transmit antennas, one receive antenna, and one tower top amplifier / receive multicoupler. The system's receive only site is identified as Playa Del Sol, and utilizes two receive antennas and two receive multicouplers.

Two backup conventional repeaters are located at both the Police Department and the Utilities sites. One backup conventional repeater is located at the Streets & Highways site. The network management system consists of one System Watch II terminal and one Zone Manager PC client. The City of Fort Lauderdale operates a CENTRACOM II Gold Elite network with dispatch centers at the Fort Lauderdale Police Department, the Fort Lauderdale Utilities Department, and the Pompano Beach Police Department.

There are thirty-two bi-directional amplifiers affiliated with the system.

There are 2,444 portable Motorola radios, 642 mobile Motorola radios, 64 Motorola control stations, 126 portable EF Johnson radios, and 5 mobile EF Johnson radios affiliated with the system.

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

	Total In System	Total Included in FRA
Base station frequencies	26	26
- Voice channels	0	0
- Home/Control channels	0	0
Repeater sites	7	7
Other sites (remote recv, BDA)	0	0
Subscriber units retuned	145	145
Subscriber units reprogrammed	1858	1858
Subscriber units replaced	1283	1283
Subscriber units rebanded total	3286	3286
Entities operating on the system		

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	TBD		
Reconfiguration Planning			
Reconfigure Subscriber Equipment			120
Reconfigure Infrastructure Equipment			60
System Acceptance			15

3. Implementation Plan: 5/14/2007

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>I. Subscriber Equipment Reconfiguration</p> <ul style="list-style-type: none"> • Replacement of Dash Mount Radios - De-install & install into Fire Truck (20 units @ 3.80 hrs each @ \$118.00 /hr = \$8,968.00) • Replacement of Dash Mount Radios - Add time for special Install conditions: Production of mobile console mount face plates. (31 units @ 2.00 hrs each @ \$118.00 /hr = \$7,316.00) • Replacement of Remote Mount Radios - De-install & Install into Fire Truck (11 units @ 4.70 hrs each @ \$118.00 /hr = \$6,100.60) • Replacement of Remote Mount Radios - Installation of dual control head (11 units @ 2.80 hrs each @ \$118.00 /hr = \$3,634.40) • PM - Intemize/Box/Ship mobiles and portables back to Motorola (1239 @ \$24.00 /unit = \$29,736.00) • PM - Project Manager on Site Supervision & Coordination (48hrs @ \$175.00 /hr = \$8,400.00) • SE - SE Subscriber Support (8hrs @ \$175.00 /hr = \$1,400.00) 	<p>(Vendor) Motorola</p>	<p>\$65,555.00</p>
<ul style="list-style-type: none"> • Develop & Review Radio Templates (paper version) 1st Touch (60 units @ 1.50 hrs each @ \$70.00 /hr = \$6,300.00) • Develop & Review Radio Codeplug Archives. 1st Touch (232 units @ 5.00 hrs each @ \$70.00 /hr = \$81,200.00) • Modify & review Radio Template 2nd Touch Phase (paper version). (60 units 	<p>(Incumbent) Fort Lauderdale</p>	<p>\$406,973.00</p>

- @ 1.00 hrs each @ \$70.00 /hr = \$4,200.00)
- Modify & Review Radio Codeplug Archives 2nd Touch Phase. (232 units @ 3.50 hrs each @ \$70.00 /hr = \$56,840.00)
 - Portable Radios - 1st Touch Flash/Retune Existing Portable Radios (MTS, XTS): Functional Pre-test of existing radio, Talkgroup call on system - Flash radio with rebanding software - Load programming archive into radio. Functional Post-Test of radio - Talkgroup call on system. (1724 units @ 0.60 hrs each @ \$70.00 /hr = \$72,408.00)
 - Portable Radios- 1st Touch Retune Replacement Radios:(XTS1500, 2500,5000). Functional Pre-test of existing radio, Talkgroup call on system - Retune radio. Functional Post-Test of Radio-Talkgroup call on system. (857 units @ 0.50 hrs each @ \$70.00 /hr = \$29,995.00)
 - Mobile & Control Station Radios -1st Touch Flash/Retune Existing Mobiles & Control Station Radios (MCS,XTL), with obstruction to radio programming port. Functional Pre-test of existing radio, Talkgroup call on system- Flash radio with Rebanding software- Load programming archive into radio. Functional Post-Test of radio- Talkgroup call on system. (156 units @ 0.90 hrs each @ \$70.00 /hr = \$9,828.00)
 - Mobile & Control Station Radios - 1st Touch Retune Replacement Mobiles & Control Station (XTL2500,5000). Functional Pre-test of existing radio, Talkgroup call on system - Retune radio. Functional Post-Test of Radio-Talkgroup call on system. (567 units @ 0.50 hrs each @ \$70.00 /hr = \$19,845.00)

<ul style="list-style-type: none"> • Portable Radios – 2nd Touch Retune Portable Radios (Remove old freqs). Functional Pre-test of existing radio, Talkgroup call on system – Retune radio. Functional Post-Test of Radio-Talkgroup call on system. (2581 units @ 0.50 hrs each @ \$70.00 /hr = \$90,335.00) • Mobile & Control Station Radios – 2nd Touch Retune Radio with obstruction to programming port of radio. Functional Pre-test of existing radio, Talkgroup call on system – Retune radio. Functional Post-Test of Radio-Talkgroup call on system. (156 units @ 0.70 hrs each @ \$70.00 /hr = \$7,644.00) • Mobile & Control Station Radios – 2nd Touch Retune Radios (Remove old freqs), no obstruction to radio programming port. Functional Pre-test of existing radio, Talkgroup call on system – Retune radio. Functional Post-Test of Radio Talkgroup call on system. (567 units @ 0.50 hrs each @ \$70.00 /hr = \$19,845.00) • Radio Defaulting: Portable & Mobile (1219 units @ 0.10 hrs each @ \$70.00 /hr = \$8,533.00) 		
<ul style="list-style-type: none"> • De-Install and Install mobile radios for standard sedan or light medium truck with unit installed under the dash and no obstruction or special installation requirement. (58 units @ 2.50 hrs each @ \$118.00 /hr = \$17,110.00) • De-Install and Install mobile radios for standard sedan or light medium truck with unit installed under the dash and no obstruction or special installation requirement. (300 units @ 2.50 hrs each @ \$177.00 /hr = \$132,750.00) • De-Install and Install mobile radios 	<p>(Vendor) Rapid Wireless Inc & Tech Tronix Pro Inc.</p>	<p>\$165,790.00</p>

<p>for standard sedan or light medium truck with unit installed under the dash with obstruction or special installation requirement. (30 units @ 3.00 hrs each @ \$177.00 /hr = \$15,930.00)</p>		
<p>II. Infrastructure Equipment Reconfiguration a. Infrastructure Equipment Reconfiguration Services</p> <ul style="list-style-type: none"> • MSS - Reband Site #1- Public Services Building (10hrs @ \$262.00 /hr = \$2,620.00) • MSS - Controllers (2 units @ 6.00 hrs each @ \$262.00 /hr = \$3,144.00) • MSS - Trunking Repeaters (26 units @ 1.00 hrs each @ \$262.00 /hr = \$6,812.00) • MSS - Retune Combiners (4 units @ 6.50 hrs each @ \$262.00 /hr = \$6,812.00) • MSS - Conventional Repeaters (2 units @ 1.00 hrs each @ \$262.00 /hr = \$524.00) • MSS - Directional Couplers (4 units @ 1.00 hrs each @ \$262.00 /hr = \$1,048.00) • 3rd Party - Replace TTA/MC and replacement antennas (1 @ \$3,637.00 /unit = \$3,637.00) • MSS - Simulcast Optimization (26 units @ 0.50 hrs each @ \$262.00 /hr = \$3,406.00) • 3rd Party - Final Tower Climb to install replacement TTA filter (1 @ \$3,031.00 /unit = \$3,031.00) • MSS - Trunking Repeaters (26 units @ 1.00 hrs each @ \$262.00 /hr = \$6,812.00) • MSS - Retune Combiners (4 units @ 6.50 hrs each @ \$262.00 /hr = \$6,812.00) • MSS - Conventional Repeaters (2 units @ 1.00 hrs each @ \$262.00 /hr = 	<p>(Vendor) Motorola</p>	<p>\$264,409.00</p>

- \$524.00)
- MSS - Directional Couplers (4 units @ 1.00 hrs each @ \$262.00 /hr = \$1,048.00)
- 3rd Party - Replace TTA/MC and replacement antennas (1 @ \$3,637.00 /unit = \$3,637.00)
- MSS - Simulcast Optimization (26 units @ 0.50 hrs each @ \$262.00 /hr = \$3,406.00)
- 3rd Party - Final Tower Climb to install replacement TTA filter (1 @ \$3,031.00 /unit = \$3,031.00)
- MSS - Trunking repeaters (26 units @ 1.00 hrs each @ \$262.00 /hr = \$6,812.00)
- MSS - Retune Combiners (4 units @ 6.50 hrs each @ \$262.00 /hr = \$6,812.00)
- MSS - Conventional Repeaters (1 units @ 1.00 hrs each @ \$262.00 /hr = \$262.00)
- MSS - Directional Couplers (4 units @ 1.00 hrs each @ \$262.00 /hr = \$1,048.00)
- 3rd Party - Replace TTA/MC and replacement antennas (1 @ \$3,637.00 /unit = \$3,637.00)
- MSS - Simulcast Optimization (26 units @ 0.50 hrs each @ \$262.00 /hr = \$3,406.00)
- 3rd Party - Final Tower Climb to install replacement TTA filter (1 @ \$3,031.00 /unit = \$3,031.00)
- MSS - Trunking Receivers (26 units @ 0.75 hrs each @ \$262.00 /hr = \$5,109.00)
- MSS - Replace Rack Mounted Receive Multicoupler Filter (2 units @ 2.00 hrs each @ \$262.00 /hr = \$1,048.00)
- ST - System Watch, Site Lens (8hrs @ \$262.00 /hr = \$2,096.00)
- MSS - BDA's-Replace/Reprogram

<p>3MHz Filter With 18MHz Filter (140hrs @ \$262.00 /hr = \$36,680.00)</p> <ul style="list-style-type: none"> • MSS - BDA's-Replace/Reprogram 18MHz Filter With 3MHz Filter (140hrs @ \$262.00 /hr = \$36,680.00) • MSS - BDA's-Removal/Reinstallation w/ post retune (32hrs @ \$262.00 /hr = \$8,384.00) • PM - Project Manager (108hrs @ \$175.00 /hr = \$18,900.00) • SE - System Engineer (64hrs @ \$175.00 /hr = \$11,200.00) • ST - System Technologist (256hrs @ \$175.00 /hr = \$44,800.00) • ENG - Upgrade Operations Support (per quote) (104hrs @ \$175.00 /hr = \$18,200.00) 		
<ul style="list-style-type: none"> • FTL - To accompany Motorola or Sub-Contractor at FTL facilities (40hrs @ \$70.00 /hr = \$2,800.00) • FTL - Mileage (100 @ \$0.60 /unit = \$60.00) 	<p>(Incumbent) Fort Lauderdale</p>	<p>\$2,860.00</p>
<p>b. Infrastructure Equipment Reconfiguration Equipment/Software:</p> <ul style="list-style-type: none"> • Motorola - RocketPort Univ PCI Quad Male DB25 - Model No:DS990970 (1 @ \$492.00 /Each) • Motorola - Certified XP Workstation for SWII - Model No:DDN9157 (1 @ \$2,907.00 /Each) • Motorola - SWII on XP Software Upgrade Application - Model No:T7143 (1 @ \$800.00 /Each) • Motorola - 6809 28 Ch Controller Code Plug - Model No:UOST-0001 (5 @ \$1,298.00 /Each) • Motorola - CSC Software - Model No:UOST-0004 (4 @ \$1,509.00 /Each) • Motorola - TX RX Combiner 1 Cables - Model No:DQ9200LAUDERDALE1 (3 @ 	<p>(Vendor) Motorola</p>	<p>\$304,587.00</p>

- \$574.00 /Each)
- Motorola - TX RX Combiner 2 Cables
- Model
No:DQ9200LAUDERDALE2 (3 @
\$574.00 /Each)
- Motorola - TX RX Combiner 3 Cables
- Model
No:DQ9200LAUDERDALE3 (3 @
\$517.00 /Each)
- Motorola - TX RX Combiner 4 Cables
- Model
No:DQ9200LAUDERDALE4 (3 @
\$517.00 /Each)
- Motorola - Playa Del Sol - TX RX
Multicoupler 3 MHz Filter - Model
No:DQ8986A02190P (2 @ \$517.00
/Each)
- Motorola - TX RX TTA - Model
No:DS42883H01T (3 @ \$6,882.00
/Each)
- Motorola - TX RX Multicoupler -
Model No:DS42883H01M (3 @
\$3,685.00 /Each)
- Motorola - TX RX 3 MHz Filter -
Model No:DS8983F0203 (3 @
\$976.00 /Each)
- Motorola - 3MHz WIDE FILTER KIT
- Model No:DQ8989A963903 (18 @
\$2,679.00 /Each)
- Motorola - 18MHz WIDE FILTER
KIT - Model No:DQ8989A9639018
(18 @ \$2,639.00 /Each)
- Motorola - 3MHz WIDE FILTER KIT
- Model No:DQ8989A0504103 (5 @
\$3,052.00 /Each)
- Motorola - 18MHz WIDE FILTER
KIT - Model No:DQ8989A0504118
(5 @ \$2,582.00 /Each)
- Motorola - RF MODEM/CLOCKING
RADIO 800MHZ 10-15W - Model
No:HKUN4033 (10 @ \$1,840.00
/Each)
- Motorola - POWER SUPPLY & CBL
(1-25 WATT MODELS) - Model

<ul style="list-style-type: none"> No:HPN4008 (10 @ \$187.00 /Each) • Motorola - Antel BCR-80015 Antenna - Model No:DSBCR80015NE325 (4 @ \$1,786.00 /Each) • Motorola - Antel BCR-80015 NE 5 antenna - Model No:DSBCR80015NE5 (4 @ \$1,681.00 /Each) • Motorola - Antel BCR-80015 NE 3 Antenna - Model No:DSBCR80017NE325 (4 @ \$1,786.00 /Each) • COMPACT SMR>IDEN800 - ALR4600/00100 (10 week lead time to order) - Model No:RDF5766A (2 @ \$5,449.00 /Each) • Motorola - TX RX Cable - Model No:DQ920002D60.00 (3 @ \$66.00 /Each) • Motorola - TTA Filter Kit - Model No:DQ8986A08268A (3 @ \$987.00 /Each) • Motorola - Upgrade/Add-on For Astro Capable SZ - Model No:T5826B (1 @ \$820.00 /Each) • Motorola - R3.0 ZC Software 1Q06 SZIM-R05.03.90.01 - Model No:KC877000A000010322 (1 @ \$65,600.00 /Each) 		
<ul style="list-style-type: none"> • Motorola - HLN6688A (Spare Buttons) (12 @ \$5.00 /Each) • Motorola - HLN6105E (Spare Buttons Kits) (21 @ \$8.00 /Each) • Motorola - 0180756T47 (spare parts) (29 @ \$26.00 /Each) • Motorola - 0180756T61 (spare parts) (17 @ \$26.00 /Each) • Uniden - Bearcat Handheld BC235 XLT (1 @ \$525.00 /Each) • Uniden - Bearcat Mobile BC780 XLT (1 @ \$525.00 /Each) • Uniden - Bearcat Base BC895 XLT (1 @ \$525.00 /Each) 	<p>(Vendor) Fort Lauderdale</p>	<p>\$5,199.00</p>

<ul style="list-style-type: none"> • Dell - Replacement of Workstation PC and Service PC (Dos operation for Spectra Dell Model 433s Serial # 3JB3K, Dell Model 486P Serial # 1Yk01 (2 @ \$1,100.00 /Each) 		
<p>III. Engineering and Verification</p> <ul style="list-style-type: none"> • MSS - Pre Rebanding Benchmark Testing (70hrs @ \$175.00 /hr = \$12,250.00) • MSS - Post Rebanding Acceptance Testing (70hrs @ \$175.00 /hr = \$12,250.00) • MSS - Functional Testing (8hrs @ \$175.00 /hr = \$1,400.00) • MOT - Method III Drive Test (2 @ \$16,475.00 /unit = \$32,950.00) • MOT - Voyager Equipment Deployment (2 @ \$3,030.00 /unit = \$6,060.00) • PM - Project Manager (40hrs @ \$175.00 /hr = \$7,000.00) • SE - System Engineer (12hrs @ \$175.00 /hr = \$2,100.00) • ST - System Technologist (148hrs @ \$175.00 /hr = \$25,900.00) 	<p>(Vendor) Motorola</p>	<p>\$99,910.00</p>
<ul style="list-style-type: none"> • FTL - Pre-Post Rebanding Benchmark Testing (40hrs @ \$70.00 /hr = \$2,800.00) • FTL - Post Rebanding Acceptance Testing (40hrs @ \$70.00 /hr = \$2,800.00) • FTL - Functional Testing (8hrs @ \$70.00 /hr = \$560.00) 	<p>(Incumbent) Fort Lauderdale</p>	<p>\$6,160.00</p>
<p>IV. Professional Services</p> <ul style="list-style-type: none"> • PM - Project Manager (232hrs @ \$175.00 /hr = \$40,600.00) • SE - System Engineer (76hrs @ \$175.00 /hr = \$13,300.00) • ST - System Technologist (70hrs @ \$175.00 /hr = \$12,250.00) • Travel Expenses (1 @ \$116,871.00) 	<p>(Vendor) Motorola</p>	<p>\$183,021.00</p>

/unit = \$116,871.00)		
<p>Project Management</p> <ul style="list-style-type: none"> • PM – Project Supervision – Administrative activities, Coordination of Meeting, Coordination & Supervision of Subscriber Retuning and Installations. (Cities of Fort Lauderdale, Pompano Beach, Oakland Park and Wilton Manors). Reconfiguration Kick off meeting, POC coordination meetings with departments. Coordination of activities associated with the Reconfiguration of Infrastructure and Interoperability. Travel time to sites. (800hrs @ \$70.00 /hr = \$56,000.00) • Clerk – Package and Catalog replaced units for Motorola to pick up. (1239 units @ 0.20 hrs each @ \$32.00 /hr = \$7,929.60) • Tech – Data Entry into Zone Manager system (Remove old radio, enter new radios and create radio alias. (106hrs @ \$70.00 /hr = \$7,420.00) • Administrative Asst– Data Entry of radios (Remove old & add new) into internal asset management database. (80hrs @ \$43.50 /hr = \$3,480.00) <p>Travel Costs</p> <ul style="list-style-type: none"> • Travel – Traveling to & from sites (Communications Infrastructure & BDA Sites, Fire Stations, Communications Shop, Installation Logistic), by Technical Staff, Driver Engineer, Fleet personnel. (Vehicles – Fire Engines, Rescue Truck, Hazmat, Police Cruisers.) (5000 @ \$0.60 /unit = \$3,000.00) • FTL is receiving new model radios (XTL 2500 and XTS 2500), under SN comparable radios. FTL don't have any such model radio in its fleet and 	<p>(Incumbent) Fort Lauderdale</p>	<p>\$112,229.60</p>

<p>will require users to be trained in the functionality of the radio. FTL's Communications Department will provide the training 1481 PS users . (370.25hrs @ \$70.00 /hr = \$25,917.50)</p> <ul style="list-style-type: none"> • FTL is receiving new model radios (XTL 2500 and XTS 2500), under SN comparable radios. FTL don't have any such model radio in its fleet and will require users to be trained in the functionality of the radio. FTL's Communications Department will provide the training 754 LG users .25hr ea. = 188.5 hrs @ \$45.00 (188.5hrs @ \$45.00 /hr = \$8,482.50) 		
<p>V Contracts and Legal</p> <ul style="list-style-type: none"> • Legal Fees to Negotiate FRA - Review & approval of FRA, and coordination of legal review of FRA and associated documents by MoU partners (Oakland Park, Wilton Manors, Pompano Beach), presentation to City Commission. Correspond with Rebanding Legal Consultant (48hrs @ \$100.00 /hr = \$4,800.00) 	<p>(Incumbent) Fort Lauderdale</p>	<p>\$4,800.00</p>
<ul style="list-style-type: none"> • Legal Fees to Review and Negotiate FRA and associated documents (40hrs @ \$225.00 /hr = \$9,000.00) 	<p>(Vendor) Baller Herbst Law Group</p>	<p>\$9,000.00</p>
<p>VI Other Costs Employee Down-time for programming radios (Public Safety & Local Government) 1st Touch</p> <ul style="list-style-type: none"> • Assigned Radios to Local Govt. Users (710 units @ 0.50 hrs each @ \$35.00 /hr = \$12,425.00) • Assigned Radios to Public Safety Users (1012 units @ 0.50 hrs each @ \$55.00 /hr = \$27,830.00) <p>2nd Touch</p>	<p>(Incumbent) Fort Lauderdale</p>	<p>\$100,850.00</p>

<ul style="list-style-type: none"> Assigned Radios to Local Govt. Users (821 units @ 0.50 hrs each @ \$35.00 /hr = \$14,367.50) Assigned Radios to Public Safety Users (1681 units @ 0.50 hrs each @ \$55.00 /hr = \$46,227.50) 		
<ul style="list-style-type: none"> Custom Panel for Replaced Mobile Radio (XTL series) in specialty vehicles. (10 @ \$35.00 /unit = \$350.00) 	(Vendor) Emergency Vehicle Supply	\$350.00
<ul style="list-style-type: none"> Pace Alarm Device - Retrofit alarm box to accommodate replacement radio. (40 @ \$850.00 /unit = \$34,000.00) 	(Vendor) Fort Lauderdale	\$34,000.00

Amendment - 1 (Previous)

Description of Work To Be Performed	Payee	Estimated Cost(s)
<p>I. Subscriber Equipment Reconfiguration</p> <ul style="list-style-type: none"> Replacement of Dash Mount Radios - De-install & install into Fire Truck (-20 units @ 3.80 hrs each @ \$118.00 /hr = (\$8,968.00)) Replacement of Dash Mount Radios - Add time for special Install conditions in cell to right. (Extra Travel, Time due to custom install, Install of new antenna and mount, and etc.) - Console mounted Face Plates (-31 units @ 2.00 hrs each @ \$118.00 /hr = (\$7,316.00)) Replacement of Remote Mount Radios - De-install & Install into Fire Truck (-11 units @ 4.70 hrs each @ \$118.00 /hr = (\$6,100.60)) Replacement of Remote Mount Radios - Installation of dual control head (-11 units @ 2.80 hrs each @ \$118.00 /hr = (\$3,634.40)) PM - Itemize/Box/Ship mobiles 	(Vendor) Motorola	(\$58,323.00)

<p>and portables back to Motorola (- 1171 @ \$24.00 /unit = (\$28,104.00))</p> <ul style="list-style-type: none"> • PM - Project Manager on Site Supervision & Coordination (- 24hrs @ \$175.00 /hr = (\$4,200.00)) 		
<p>COR - 1</p> <ul style="list-style-type: none"> • 1st Touch Portables (246 units @ 0.50 hrs each @ \$70.00 /hr = \$8,610.00) • 1st Touch Mobile (20 units @ 0.50 hrs each @ \$70.00 /hr = \$700.00) • 2nd Touch Portables (246 units @ 0.50 hrs each @ \$70.00 /hr = \$8,610.00) • 2nd Touch Mobiles (20 units @ 0.50 hrs each @ \$70.00 /hr = \$700.00) • PM - Project Manager on Site Supervision & Coordination (24hrs @ \$70.00 /hr = \$1,680.00) 	<p>(Incumbent) Fort Lauderdale</p>	<p>\$20,300.00</p>
<ul style="list-style-type: none"> • PM - Itemize/Box/Ship mobiles and portables back to Motorola (1171 @ \$24.00 /unit = \$28,104.00) • De-install & install into Fire Truck (20 units @ 3.80 hrs each @ \$118.00 /hr = \$8,968.00) • Add time for special Install conditions in cell to right. (Extra Travel, Time due to custom install, Install of new antenna and mount, and etc.) - Console mounted Face Plates (31 units @ 2.00 hrs each @ \$118.00 /hr = \$7,316.00) • De-install & Install into Fire Truck (11 units @ 4.70 hrs each @ \$118.00 /hr = \$6,100.60) • Installation of dual control head 	<p>(Vendor) Rapid Wireless Inc & Tech Tronix Pro Inc.</p>	<p>\$54,123.00</p>

<p>(11 units @ 2.80 hrs each @ \$118.00 /hr = \$3,634.40)</p>		
<p>II. Infrastructure Equipment Reconfiguration a. Infrastructure Equipment Reconfiguration Services</p> <ul style="list-style-type: none"> • FSO - Descope System Watch Installation (-8 @ \$170.00 /unit = (\$1,360.00)) • FSO - Fixed GenWatch replacement services (2 @ \$760.00 /unit = \$1,520.00) • FSO - Removal, pack, ship and travel for System Watch (1.5hrs @ \$190.00 /hr = \$285.00) • PM - Contact and coordinate and document location of BDA's (12 @ \$190.00 /unit = \$2,280.00) • SE - Travel and locate BDA's, Document and analyze documentation (40 @ \$190.00 /unit = \$7,600.00) • Motorola - Gather system parameters and analyze FRIP results and assemble Technical requirements as per Region 9 Plan Section 6.2 / Compile input data related to the new antennas for FCC From 601/Compile and forward antenna and detailed installation info to Arthur K Peters. Generate the distortion pattern (1 @ \$9,000.00 /unit = \$9,000.00) 	<p>(Vendor) Motorola</p>	<p>\$19,325.00</p>
<p>b. Infrastructure Equipment Reconfiguration Equipment/Software:</p> <ul style="list-style-type: none"> • Motorola - RocketPort Univ PCI Quad Male DB25 - Model No:DS990970 (-1 @ \$492.00 /Each) • Motorola - Certified XP Workstation for SWII - Model No:DDN9157 (-1 @ \$2,907.00) 	<p>(Vendor) Motorola</p>	<p>(\$1,343.00)</p>

<ul style="list-style-type: none"> /Each) • Motorola - SWII on XP Software Upgrade Application - Model No:T7143 (-1 @ \$800.00 /Each) • RIM II To MCS2000 Modem Cable - Model No:0180304E53 (10 @ \$156.00 /Each) • 6809 28 Ch Controller Code Plug - Model No:UOST-0001 (1 @ \$1,296.00 /Each) 		
<p>III. Contracts and Legal Costs</p> <ul style="list-style-type: none"> • Mediation tasks relating to the FRA, and other matters, caused higher expenses for outside counsel than expected or reasonable foreseeable (35hrs @ \$225.00 /hr = \$7,875.00) 	<p>(Vendor) Baller Herbst Law Group</p>	<p>\$7,875.00</p>

Amendment - 2 (Previous)

Description of Work To Be Performed	Payee	Estimated Cost(s)
<p>I. Infrastructure Equipment Reconfiguration a. Infrastructure Equipment Reconfiguration Services De-scope Motorola BDA work</p> <ul style="list-style-type: none"> • MSS - BDA's-Replace/Reprogram 3MHz Filter With 18MHz Filter (-140hrs @ \$262.00 /hr = (\$36,680.00)) • MSS - BDA's-Replace/Reprogram 18MHz Filter With 3MHz Filter (-140hrs @ \$262.00 /hr = (\$36,680.00)) • MSS - BDA's-Removal/Reinstallation w/ post retune (-32hrs @ \$262.00 /hr = (\$8,384.00)) <p>3rd Party Rate change for Tower work</p> <ul style="list-style-type: none"> • Descope - Final Tower Climb to install replacement TTA filter (-1 @ \$3,031.00 /unit = (\$3,031.00)) • 3rd Party - Descope Replace TTA/MC and replacement antennas (-1 @ \$3,637.00 /unit = (\$3,637.00)) • 3rd Party - Tower Climb to install replacement TTA filter (1 @ \$5,809.00 /unit = \$5,809.00) • Descope - Final Tower Climb to install replacement TTA filter (-1 @ \$3,031.00 	<p>(Vendor) Motorola</p>	<p>(\$78,241.00)</p>

<ul style="list-style-type: none"> /unit = (\$3,031.00)) • 3rd Party - Descope Replace TTA/MC and replacement antennas (-1 @ \$3,637.00 /unit = (\$3,637.00)) • 3rd Party - Tower Climb to install replacement TTA filter (1 @ \$5,809.00 /unit = \$5,809.00) • Descope - Final Tower Climb to install replacement TTA filter (-1 @ \$3,031.00 /unit = (\$3,031.00)) • 3rd Party - Descope Replace TTA/MC and replacement antennas (-1 @ \$3,637.00 /unit = (\$3,637.00)) • 3rd Party - Tower Climb to install replacement TTA filter (1 @ \$5,809.00 /unit = \$5,809.00) • FSO - Site support for antenna, multi-coupler, and TTA work (32hrs @ \$190.00 /hr = \$6,080.00) 		
<ul style="list-style-type: none"> • Tech Tronix - BDA's-Replace/Reprogram 3MHz Filter With 18MHz Filter (140hrs @ \$225.00 /hr = \$31,500.00) • Tech Tronix - BDA's-Replace/Reprogram 18MHz Filter With 3MHz Filter (140hrs @ \$225.00 /hr = \$31,500.00) • Tech Tronix - BDA's-Removal/Reinstallation w/ post retune (32hrs @ \$225.00 /hr = \$7,200.00) 	(Vendor) Rapid Wireless Inc & Tech Tronix Pro Inc.	\$70,200.00
<p>b. Infrastructure Equipment Reconfiguration Equipment/Software:</p> <ul style="list-style-type: none"> • Motorola - COMPACT SMR>IDEN800 - ALR4600/00100 (10 week lead time to order) - Model No:RDF5766A (-2 @ \$5,449.00 /Each) • Motorola - TX/RX Rebandable BDA 2W SBII 806-869 MHz 18 MHz BW 80/78 DB Gain - Model No:DS618909341G1 (2 @ \$13,231.10 /Each) • Motorola - EXPANSION KIT, 16-32 PORT 428B SERIES TTA - Model No:DQ7583H428B (3 @ \$1,130.50 /Each) 	(Vendor) Motorola	\$18,955.70
<p>II. Professional Services Costs</p> <ul style="list-style-type: none"> • SE - Updated Site Documentation (58hrs @ \$190.00 /hr = \$11,020.00) 	(Vendor) Motorola	\$11,020.00
<ul style="list-style-type: none"> • Additional Project Management Level of Effort required for project. Increase 	(Incumbent) Fort Lauderdale	\$28,000.00

includes but not limited to Change Notice, project activities, coordination of project with vendors, MoU partners and internal agencies Coordination, recordation and documentation, meetings, standby with vendors at sites. (400hrs @ \$70.00 /hr = \$28,000.00)		
III. Contracts and Legal Costs <ul style="list-style-type: none"> Additional legal to support change notice, City Commission document preparation, reviewing and approving documents. (20hrs @ \$100.00 /hr = \$2,000.00) 	(Incumbent) Fort Lauderdale	\$2,000.00

Amendment - 3 (New)

Description of Work To Be Performed	Payee	Estimated Cost(s)
I. Subscriber Equipment Reconfiguration <ul style="list-style-type: none"> Intemize/Box/Ship 59 additional subscribers. (59 @ \$24.00 /unit = \$1,416.00) Intemize/Box/Ship 57 additional cartons to Sprint. (57 @ \$24.00 /unit = \$1,368.00) 	(Vendor) Rapid Wireless Inc & Tech Tronix Pro Inc.	\$2,784.00
II. Infrastructure Equipment Reconfiguration a. Infrastructure Equipment Reconfiguration Services <ul style="list-style-type: none"> Structural Analysis and modification drawings (1 @ \$2,000.00 /unit = \$2,000.00) Antenna Mount & shipping. Mount = \$5270; shipping \$1430 (1 @ \$6,700.00 /unit = \$6,700.00) For coordination and installation of tower antennas while vendor is on City property (20hrs @ \$70.00 /hr = \$1,400.00) 	(Incumbent) Fort Lauderdale	\$10,100.00
<ul style="list-style-type: none"> Mobilization for: Remove and replace current mount with Valmont Box Cell Mount. Relocate or add temporary antennas to maintain coverage Price reflects one mobilization. 8 man trips, includes travel time and expenses. (8 @ \$187.50 /unit = \$1,500.00) Labor for: Remove and replace current mount with Valmont Box Cell Mount. Relocate or add temporary antennas to maintain coverage. 4 men, 15 hours each (60 @ \$100.00 /unit = \$6,000.00) 	(Vendor) Clifton Towers	\$11,500.00

<ul style="list-style-type: none"> Labor for: Replace 4ea Antel antennas at Streets & Highway site. Price reflects one mobilization. 4 men 10 hours each. (40 @ \$100.00 /unit = \$4,000.00) 		
b. Infrastructure Equipment Reconfiguration Equipment/Software: <ul style="list-style-type: none"> Motorola - Upgrade/Add-on For Astro Capable SZ - Model No:T5826B (-1 @ \$820.00 /Each) Motorola - R3.0 ZC Software 1Q06 SZIM-R05.03.90.01 - Model No:KC877000A000010322 (-1 @ \$65,600.00 /Each) 	(Vendor) Motorola	(\$66,420.00)
III. Professional Services Costs <ul style="list-style-type: none"> Travel Expenses (-1 @ \$17,269.08 /unit = (\$17,269.08)) 	(Vendor) Motorola	(\$17,269.08)
Amended Cost Totals:		
Fort Lauderdale	Incumbent	\$733,471.60
Motorola	Vendor	\$745,186.62
Rapid Wireless Inc & Tech Tronix Pro Inc.	Vendor	\$292,897.00
Clifton Towers	Vendor	\$11,500.00
Baller Herbst Law Group	Vendor	\$16,875.00
Emergency Vehicle Supply	Vendor	\$350.00
Total Estimated Costs		\$1,800,280.22

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: *Troy Bailey*
Print Name: Troy Bailey
Title: Telecommunications Manager

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Date: 11/21/2012