

RESOLUTION NO. 2019 - 036

A RESOLUTION OF THE TOWN COUNCIL OF THE TOWN OF SOUTHWEST RANCHES, FLORIDA URGING THE STATE LEGISLATURE AND FEDERAL GOVERNMENT TO INITIATE A STUDY OF THE HEALTH EFFECTS OF SMALL CELL TOWERS BUILT TO ACCOMMODATE 5G TECHNOLOGY AND TO DEVELOP INSTALLATION GUIDELINES PROTECTING THE HEALTH AND WELFARE OF RESIDENTS; AND PROVIDING FOR AN EFFECTIVE DATE.

WHEREAS, small cell wireless equipment is designed to boost cellular service from the existing wireless carriers and will enable those carriers to implement 5G technology by placing these installations on existing streetlights and utility poles; and

WHEREAS, concerns have been raised about the health risks of 5G technology including small cell installations. Many studies have linked low-level wireless radio frequency radiation exposures to adverse biological effects including DNA single and double strand breaks, oxidative damage, disruption of cell metabolism, increased blood brain barrier permeability, melatonin reduction disruption to brain glucose metabolism and generation of stress proteins. This list warrants additional scientific studies before residents are put at risk; and

WHEREAS, the health hazards of 5G technology have been intensely debated at the federal level before Congress and the Federal Communications Commission (FCC). There does not appear to be any widely accepted definitive scientific study that proves one way or the other whether small cell installations — emitting extremely high or “millimeter wave” frequencies above 24 GHz — may have an adverse health impact, although in 2011 the World Health Organization classified radio frequency radiation as a possible 2B carcinogen; and

WHEREAS, the only applicable FCC standards for radio-frequency radiation emissions were set in 1996 and did not consider the use of modern wireless equipment like small cells that will be located close to residences. Mere compliance with the FCC’s outdated standards does not assure safety; and

WHEREAS, the State of Florida has preempted local governments from regulating the installation of small cells as it relates to their potential health effects or proximity to residential areas; and

WHEREAS, the FCC adopted regulations in 2018 that are intended to facilitate the installation of 5G technology “underscore[ing] the FCC’s commitment to ensuring that the United States wins the global race to 5G,” as stated in the FCC Press Release dated September 26, 2018; and

WHEREAS, global communications and technological advancements are important components of the state and federal economy but need not come at the expense of the public's health. As the world's leading economy, the United States can and should "win the global race" while protecting its residents from potential long term health effects that will only further harm the economy in the future; and

WHEREAS, the FCC's action allows private cell providers the right to put antennas and transmission control boxes on city-owned streetlight poles and privately-owned utility wood poles subject to only minimal limitations. This means that a 5G antenna could be mounted on the streetlight or utility pole in front of a resident's home, and there would be little the resident could do about it. Given the health concerns described above, the City believes this should cause great concern for all City residents; and

WHEREAS, the Town Council of the Town of Southwest Ranches hereby find it is in the best interest of the residents to urge the state and federal governments to initiate independent scientifically reliable studies of the health effects of small cell wireless and 5G technology on residential populations and develop guidelines for the installation of this technology that will protect the health and welfare of the public.

NOW, THEREFORE, BE IT RESOLVED by the Town Council of the Town of Southwest Ranches, Florida:

SECTION 1. Each of the above recitals are true and correct and are incorporated herein.

SECTION 2. The Town Council of the Town of Southwest Ranches hereby urges the state and federal governments to initiate independent scientifically reliable studies of the health effects of small cell wireless and 5G technology on residential populations and develop guidelines for the installation of this technology that will protect the health and welfare of the public.

SECTION 3. The Town Council hereby directs the Town Clerk to transmit a copy of this Resolution to all appropriate governmental entities.

SECTION 4. This Resolution shall become effective immediately upon its adoption.

[Signatures on Following Page]

PASSED AND ADOPTED by the Town Council of the Town of Southwest Ranches,

Florida, this 9th day of May, 2019, on a motion by

Vice Mayor Jablonski and seconded by Council Member Schroeder

McKay
Jablonski
Fisikelli
Hartmann
Schroeder

Ayes
5
Nays
0
Absent
0
Abstaining
0

Ayes 5
Nays 0
Absent 0
Abstaining 0

Doug McKay, Mayor

Attest:

Russell Muniz
Russell Muniz, Assistant Town Administrator/Town Clerk

Approved as to Form and Correctness:

Keith Poliakoff
Keith Poliakoff, Town Attorney

34904554.1



Quote Number: QU0000476640
Effective: 07 MAY 2019
Effective To: 23 MAY 2019

Bill-To:

SOUTHWEST RANCHES, TOWN OF
 13400 GRIFFIN RD
 SOUTHWEST RANCHES, FL 33331
 United States

Attention:

Name: Darren M. Bock
Email: dbock@southwestranches.org

Sales Contact:

Name: Linda E Klayman
Email: lindak@signalcommunications.com
Phone: 954-427-9830

Contract Number: R1422515R1/P1
Freight terms: FOB Destination
Payment terms: Net 30 Due

Item	Quantity	Nomenclature	Description	List price	Your price	Extended Price
1	5	H98UCF9PW6BN	APX6000 700/800 MODEL 2.5 PORTABLE	\$3,026.00	\$1,815.60	\$9,078.00
1a	5	QA01648AA	ADD: ADVANCED SYSTEM KEY - HARDWARE KEY	\$5.00	\$3.00	\$15.00
1b	5	QA01427AB	ALT: IMPACT GREEN HOUSING	\$25.00	\$15.00	\$75.00
1c	5	Q58AL	ADD: 3Y ESSENTIAL SERVICE	\$110.00	-	-
1d	5	Q806BM	ADD: ASTRO DIGITAL CAI OPERATION	\$515.00	\$309.00	\$1,545.00
1e	5	QA00580AC	ADD: TDMA OPERATION	\$450.00	\$270.00	\$1,350.00
1f	5	QA01767AT	ADD: P25 LINK LAYER AUTHENTICATION	\$100.00	\$60.00	\$300.00
1g	5	QA09006AA	ADD: ADAPTIVE NOISE SUPPRESSION	\$150.00	\$90.00	\$450.00
1h	5	QA09008AA	ADD: GROUP SERVICES	\$150.00	\$90.00	\$450.00
1i	5	H38BT	ADD: SMARTZONE OPERATION	\$1,200.00	\$720.00	\$3,600.00
1j	5	Q361AR	ADD: P25 9600 BAUD TRUNKING	\$300.00	\$180.00	\$900.00
2	5	NNTN8930A	BATTERY PACK,LITHIUM ION,BATT IMPRES 2 LIION TIA4950 R IP68 2650T	\$178.00	\$126.38	\$631.90
3	5	PMMN4106D	AUDIO ACCESSORY-REMOTE SPEAKER MICROPHONE,AUDIO ACCESSORY-AUDIO ADAPTER,APX XE500 REMOTE SPEAKER MIC, HIGH IMPACT GREEN	\$616.00	\$437.36	\$2,186.80
4	350	SVC03SVC0115D	SUBSCRIBER PROGRAMMING	\$1.00	\$1.00	\$350.00
(Notes)Programming 5 radios @ \$70.00 each.						
5	2	M25URS9PW1AN	APX6500 7/800 MHZ MID POWER MOBILE	\$2,438.00	\$1,462.80	\$2,925.60
5a	2	G442AJ	ADD: O5 CONTROL HEAD	\$432.00	\$259.20	\$518.40
5b	2	G67BZ	ADD: REMOTE MOUNT MID POWER	\$297.00	\$178.20	\$356.40
5c	2	G892AB	ENH: HAND MIC,GCAI WATER RESISTANT	\$72.00	\$43.20	\$86.40
5d	2	G78AT	ADD: 3Y ESSENTIAL SERVICE	\$168.00	-	-
5e	2	G806BE	ADD: ASTRO DIGITAL CAI OPERATION	\$515.00	\$309.00	\$618.00
5f	2	G444AE	ADD: APX CONTROL HEAD SOFTWARE	-	-	-
5g	2	G174AD	ADD: ANT 3DB LOW-PROFILE 762-870	\$43.00	\$25.80	\$51.60
5h	2	G831AD	ADD: SPKR 15W WATER RESISTANT	\$60.00	\$36.00	\$72.00
5i	2	GA00235AA	ADD: NO GPS ANTENNA NEEDED	-	-	-
5j	2	G51AU	ENH: SMARTZONE OPERATION APX6500	\$1,200.00	\$720.00	\$1,440.00

Item	Quantity	Nomenclature	Description	List price	Your price	Extended Price
5k	2	QA01648AA	ADD: ADVANCED SYSTEM KEY - HARDWARE KEY	\$5.00	\$3.00	\$6.00
5l	2	G361AH	ENH: P25 TRUNKING SOFTWARE APX	\$300.00	\$180.00	\$360.00
5m	2	GA00580AA	ADD: TDMA OPERATION APX	\$450.00	\$270.00	\$540.00
5n	2	GA01767AK	ADD: APX MOBILE RADIO AUTHENTICAT	\$100.00	\$60.00	\$120.00
6	140	SVC03SVC0115D	SUBSCRIBER PROGRAMMING	\$1.00	\$1.00	\$140.00
(Notes)Two radios programmed @ \$70.00 each.						
7	335	SVC03SVC0123D	SUBSCRIBER INSTALL - SVCR LOCATION	\$1.00	\$1.00	\$335.00
(Notes)Installation of 1single head mobile radio with removal of old unit @ \$ 335						
8	270	SVC03SVC0123D	SUBSCRIBER INSTALL - SVCR LOCATION	\$1.00	\$1.00	\$270.00
(Notes)Installation of 1 single head mobiel radio with no removal of old unt @ \$270						

Total Quote in USD

\$28,771.10

Installation and/or Programming not included in the price of this quote unless listed as a separate line item in the body of the quote above. Programming (Does not include Template Creation if required \$500-\$750).

Pricing on this quote cannot be guaranteed unless the quote is converted into an order by the sales contact above. Broward County P25 System and Services Agreement - Motorola Contract # R1422515R1/P1. Pricing valid thru 5/23/2019. The only exception for the pricing is the 3 year service extended warranty (service from the start lite) will be at no charge until the Broward P25 system cut over which will be approximately December 2019. Once the cut over occurs the 3 year service option will be at list price with no discount. All Purchase Orders should be made out to Motorola Solutions, Inc.. Credit Cards are accepted in lieu of a purchase order. Quote prepared by: purchase order. Quote prepared by: Linda Klayman (954) 427-9830 Fax: (954) 571-2070, lindak@signalcommunications.com

PO Issued to Motorola Solutions Inc. must:

- >Be a valid Purchase Order (PO)/Contract/Notice to Proceed on Company Letterhead. Note: Purchase Requisitions cannot be accepted
- >Have a PO Number/Contract Number & Date
- >Identify "Motorola Solutions Inc." as the Vendor
- >Have Payment Terms or Contract Number
- >Be issued in the Legal Entity's Name
- >Include a Bill-To Address with a Contact Name and Phone Number
- >Include a Ship-To Address with a Contact Name and Phone Number
- >Include an Ultimate Address (only if different than the Ship-To)
- >Be Greater than or Equal to the Value of the Order
- >Be in a Non-Editable Format
- >Identify Tax Exemption Status (where applicable)
- >Include a Signature (as Required)