

**Proposal of New York SMSA
Limited Partnership, d/b/a Verizon
Wireless**

**In response to Request for
Proposals PIN: 8582018FRANCH1,
dated June 12, 2018, of the City of
New York Department of
Information Technology and
Telecommunications**

August 3, 2018



Colleen Casey
Executive Director, Network Field Engineering
Verizon Wireless
4 Centerock Road
West Nyack, NY 10994

August 3, 2018

Mr. Brett Sikoff
The City of New York
Department of Information Technology and Telecommunications
15 Metro Tech Center, 19th Floor
Brooklyn, NY 11201

RE: Response of New York SMSA Limited Partnership, d/b/a Verizon Wireless ("Verizon") to The City of New York Department of Information Technology and Telecommunications Request for Proposals PIN: 8582018FRANCH1

Dear Mr. Sikoff,

In response to the above RFP, New York SMSA Limited Partnership ("Verizon") submits the attached proposal relating to the installation and use of telecommunications equipment and facilities on Street Operations Poles, Street Utility Poles, and certain other facilities located on City streets, for purposes of providing mobile telecommunication services.

Obtaining a franchise will enable Verizon to deploy current and next-generation mobile communication technologies in ways it has been unable to do in the past, increasing the speed and efficiency of deployment and thus providing significant benefits for the City, Verizon, and other carriers. This will better position Verizon to continue and accelerate its investments in mobile technologies in the City of New York.

If you have questions, please contact me at [REDACTED] or via email at [REDACTED]@verizonwireless.com.

Sincerely,

Colleen Casey
Executive Director, Network Field Engineering

Contents

General Information..... 1
Technical Proposal..... 3
Legal and Managerial Proposal..... 6
Financial Capacity Proposal..... 8
Scope Proposal..... 9
Compensation Proposal..... 10

Appendices

- Appendix 1 Technical photo-simulations, schematics and other information including installation and maintenance
- Appendix 2 Proprietary Information
- Appendix 3 Acknowledgment of Release Date and Addenda
- Appendix 4 Affirmation
- Appendix 5 Doing Business Data Form

General Information

Nature of Proposal

This Proposal is submitted by New York SMSA Limited Partnership, d/b/a Verizon Wireless ("Verizon") in response to Request for Proposals PIN: 8582018FRANCH1 (the "RFP"). (Verizon is not an Existing Franchisee within the meaning of the RFP.) The Proposal sets forth the franchise terms proposed by Verizon, as requested in the RFP. To the extent that the RFP sets forth additional requirements that would become part of any franchise granted pursuant to the RFP, Verizon accepts and adopts such requirements as part of this Proposal. However, in submitting this Proposal, Verizon does not intend to indicate that it agrees with all of the assertions of fact or law that are set forth in the RFP.

The Proposal is submitted in good faith with the intention of negotiating a legally binding definitive Mobile Telecommunications Franchise agreement following an award of business to Verizon. In the event of an award to Verizon, Verizon will negotiate with DoITT to reach such an agreement that includes mutually agreeable terms and conditions. No obligations will be binding upon Verizon until an agreement is executed by both parties. Questions concerning the Proposal should be addressed to Ms. Colleen Casey, whose contact information is included in the cover letter for the Proposal.

Confidentiality Statement

Verizon requests confidential treatment under provisions of the State Freedom of Information Law, Public Officers Law §§ 87(2) and 89(5), and under title 43, chapter 1 of the Rules of the City of New York, for certain information included in this Proposal. In accordance with Section 4(j) of the RFP, this information is being provided in a separate appendix (Proprietary Information Appendix 2) and is clearly labeled as "Proprietary Information."

Confidential treatment is sought for three categories of information.

First, as explained below, Verizon equipment that would initially be installed and operated pursuant to the franchise will comply with the approved design drawings included in the RFP. However, this Proposal also identifies alternative designs that Verizon may wish to use in the future. All such designs will be submitted to the City prior to use for such review and approvals as may be required. The Proprietary Information Appendix includes non-public information on the specifications of some of these future designs as well as targeted dates by which Verizon hopes to begin use of those designs. Such specifications and plans constitute trade secrets and their premature disclosure to competitors would cause significant injury to Verizon's competitive position. Accordingly, confidential treatment is sought under § 87(2)(d) of the Freedom of Information Law.

Confidential treatment is also sought for information on the amount of additional monthly compensation above the minimum required amount that Verizon is proposing to pay pursuant to § 9(a) of the RFP. Knowledge of the additional amounts that Verizon is willing to bid may provide Verizon's competitors and others with information on the company's bidding strategies and on its valuation of the rights to be granted in the franchise, which information could in turn be used to the disadvantage of Verizon, in future bidding and other contexts. Confidential treatment is thus warranted under both § 87(2)(d) and § 87(2)(c) of the Freedom of Information Law. However, Verizon will withdraw this portion of its request for confidential treatment at the City's request if the City advises Verizon that it deems such a withdrawal to be necessary in order to facilitate the administration of the Proposal review and approval process.

Finally, Verizon requests confidential treatment for certain non-public financial information. Disclosure of this information would provide competitors with information on the company's financial position and strength, and confidential treatment is therefore warranted under § 87(2)(d).

Verizon understands that the City will follow certain procedures in connection with this request for confidential treatment, as set forth in § 4(j) of the RFP, and it expressly acknowledges and agrees that neither DoITT nor the City of New York will have any liability to the Verizon in the event of disclosure of materials designated by Verizon as "Proprietary Information."

Technical Proposal

Verizon has designed, built, and operates America's most reliable wireless network. Verizon is committed to delivering cutting-edge wireless connectivity with emerging wireless technologies. Key to this strategy is an aggressive small-cell densification program that will utilize rights granted under this franchise to deliver exceptional connectivity to meet the exponentially-growing demand for capacity and higher throughput speeds that can be made available by rapidly evolving, emerging technologies.

Photo-simulations, schematics and other information responsive to the specific technical requirements of the RFP can be found in Appendix 1 to this Proposal and in the Proprietary Information Appendix (Appendix 2), and are summarized in the following table.

RFP Sect 10.b.1 Components		Description	Appendix Reference #
(i) p.33	Equipment Type	The equipment that is displayed and discussed in the RFP is divided into two categories: (a) approved designs, and (b) future design changes	Use of approved designs: Existing: Appendix 1-Section A. Future: Appendix 1-Section B & Appendix 2-Section C
(ii) p.33	Wireless Services Offered	Verizon will initially deploy 4G-LTE and may offer additional services such as 5G in the future	Appendix 1 & Proprietary Appendix (Appendix 2)
(iii) p.33	Method of Installation	Verizon will ensure that all construction and installation will be performed and completed in full compliance with the City's standards and specifications as set forth in the RFP	Appendix 1 & Proprietary Appendix (Appendix 2)
(iv) p.34	Repair, Maintenance & Removal		
(v) p.34	Maintenance of City Property		
(vi) p.34	Installation Timeline	Installation timelines will be application-specific	Appendix 1 & Proprietary Appendix (Appendix 2)
(vii) p.34	Materials Used	All materials and equipment used for existing designs meet or exceed NYC's standards and the highest industry standards. All materials used in future designs will be submitted to appropriate NYC Agencies for approval.	Appendix 1 & Proprietary Appendix (Appendix 2)
(viii) p.34	Existing Franchise	Verizon does not have an existing franchise agreement	N/A

Initial Use of Approved Designs: As depicted in Section A of Appendix 1 ("Existing Designs"), for immediate deployment Verizon will utilize the designs that have been approved by the City, and will comply with the specifications identified in Section 5(b) and Exhibit B of the RFP. Verizon will use its best efforts to maximize the use of available space within those specifications.

Repair, Maintenance and Removal: Verizon's networks are built on highly reliable and resilient architectures that include backbone diversity, highly trained technicians who run and maintain the networks 24 x 7, and wide deployment of personnel and spare parts to permit rapid response. Preventative maintenance will be conducted by Verizon personnel trained and certified to work aloft, using ladders and bucket trucks as appropriate. Verizon will maintain the City's property in good condition. All safety procedures for protecting pedestrian and vehicular traffic will be followed. When it is necessary to replace or remove a node, Verizon will follow similar procedures and best industry practices for safety, engineering design standards and quality workmanship. Verizon will ensure that all construction will be performed and completed in full compliance with the City's standards and specifications.

Future Changes: Wireless technologies are rapidly evolving, and Verizon expects that technology deployment design specifications for base station and antenna equipment will inevitably require modification of or additions to the City-approved designs. Today, the vast majority of 4G-Long Term Evolution (LTE) Wireless access points are those where the Radio and the Antennas are separate devices connected by a coaxial cable. The approved designs shown in Exhibit B to the RFP reflect this 4G-LTE design. However, world-class efforts for the improvement of network connection speeds and performance utilize technologies such as Massive MIMO (MMIMO) and beam-forming in the millimeter wave spectrum (e.g., 28GHz or 39 GHz) to deliver the ultra-fast performance known as 5G. To the extent utilized by Verizon in New York City, 5G technology will require a fundamental change in order to support higher throughputs: the integration of both the radio and the antenna, thus eliminating losses over the coaxial cable connector. This means that while footprints for equipment shrink, the form and function of the hardware will also change and will look different from the traditional design. As an example, a 5G node mounted to a pole would be a separate element (see Appendix 1, Section B).

It is important to understand this fundamental change in technology. Verizon is committed to maintaining open, collaborative channels of communication with the City to ensure the City continues to have wireless technology that delivers a world class experience for its residents, businesses and visitors, while appropriately reflecting safety, performance, and aesthetic requirements. Some key factors to consider with respect to the designs for the evolving technology include:

- **Size/dimensions of base station and antenna equipment** – Due to technology improvements, the size and dimensions of base station equipment (i.e., radio hardware including antenna, baseband and radio) are expected to decrease while capabilities increase. In the future, Verizon expects radio hardware enclosures mounted on street furniture to become less obtrusive while integrating multiple technologies to provide optimal RF coverage.
- **Quantity of small cell nodes** – The quantity of radio nodes is tied to the need to provide optimal RF coverage. Advancing technologies utilize lower power, and are closer to the user community. Verizon uses the latest advancements in network planning tools to optimize the number of radios needed to address desired RF coverage and capacity. Verizon also expects technology advancement over time will improve efficiency while minimizing the number of nodes needed to provide coverage.
- **Aspects of Resilience** – Equipment is designed and tested to withstand extreme cold/hot/humid weather, strong winds and storms. Verizon is continually upgrading and redesigning its network with the objectives of high resilience and self-optimizing/healing in the event of troubles, in order to provide users the best experience and reliability.

In an effort to get an early start on new design approvals reflecting the above considerations, Section B of Appendix 1 provides conceptual designs that differ from the currently approved designs. Included in these designs are multi-tenant options. See Section C of the Proprietary Information Appendix (Appendix 2) for a conceptual example of a street pole replacement option that could accommodate multi-carrier use. Verizon understands that all new designs must follow the appropriate protocols for acceptance and approval by the necessary City agencies, and looks forward to the earliest possible commencement of that process.

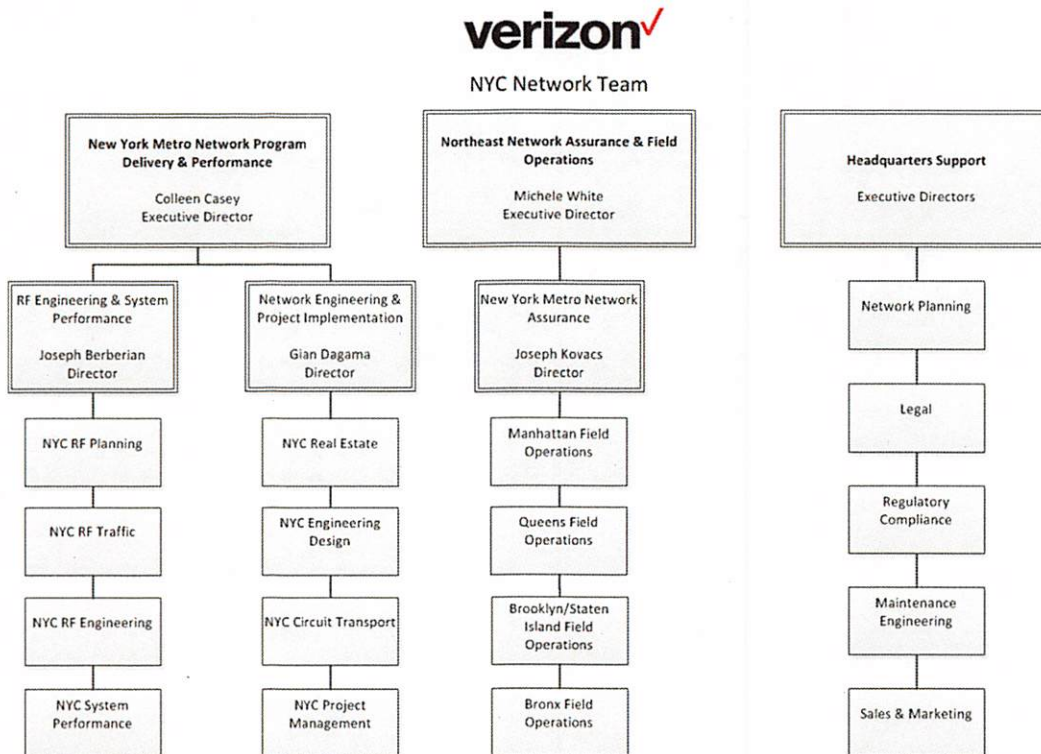
RF Exposure Considerations: Verizon has provided a representative example of documentation demonstrating that the radio-frequency energy exposure from equipment proposed to be installed does not exceed the maximum permitted levels established by the Federal Communications Commission (FCC). Specifically, Appendix 1 contains an example of the documentation for wireless equipment meeting the approved designs. (This equipment is currently installed in the New York area by Crown Castle on Verizon's

behalf.) Verizon maintains records of such documentation for all of its existing deployments and the documentation shows that the equipment complies with FCC requirements. Such documentation will be provided at the City's request. For future designs Verizon will provide the City with similar documentation prior to deployment.

Relocation: Verizon will accommodate the City's needs to relocate base stations if or when necessary. However, Verizon asks for sufficient notice to allow it to address re-arranging the network so that it will continue to be able to deliver the experience New York residents, businesses and visitors expect.

Legal and Managerial Proposal

- (i) Verizon and its partners and affiliates hold FCC licenses for spectrum in New York City. The facilities it installs pursuant to a mobile telecommunications franchise will further utilize its spectrum for the benefit of New York City's residents, businesses and visitors. To the extent any other necessary authorizations, approvals, licenses and/or permits are required to undertake the activities proposed, Verizon acknowledges it will not undertake such activities until such authorizations, approvals, licenses and/or permits are obtained. If any systems and/or equipment require FCC licensing, Verizon confirms that such system and/or equipment is, or will be prior to installation, fully licensed by the FCC. Verizon understands that it will be required to maintain such FCC licensing at all times during which applicable equipment remains on City property, including, without limitation, that any required site-specific FCC license will be obtained prior to, and will be maintained throughout, the period of installation; and that all installed equipment will be FCC Type Accepted to the extent required under federal law or regulation.
- (ii) Verizon has more than 25 years of experience in building and operating a wireless network in New York City. That network, which is part of a state-of-the-art, large, and sophisticated national network well-known to be the most reliable in the Nation, delivers a wide range of voice and broadband services. Verizon was the first to bring 4G LTE services to the City, and is leading the world in the development and deployment of next generation wireless technology that will ultimately be capable of delivering peak speeds of up to 1 Gbps services. Verizon's networks are built on highly reliable and resilient architectures that include backbone diversity, highly trained technicians who run and maintain the networks 24 x 7, and wide deployment of personnel and spare parts to permit rapid response. The network management team focused on building and operating the network in New York City consists of multiple executives, and their supporting structures in the disciplines of construction, engineering, RF design, system performance and network assurance. The structure of this team is summarized in the following organization chart:



- (iii) In Appendix 1, Verizon offers conceptual designs for potential options for multi-carrier solutions. In addition, a Verizon affiliate, Verizon Turnkey Services (VTS), can provide infrastructure deployment and implementation services for wireless carriers and IoT-related infrastructure companies. VTS's suite of services applies to multi-tenant configurations for Verizon's locations as they are developed for the small cells environment.

Financial Capacity Proposal

Verizon is a subsidiary of Verizon Communications, Inc. ("VCI"), a publicly traded company and a Fortune 14 corporation in 2017. Specifically, VCI is the owner of and manages Cellco Partnership d/b/a Verizon Wireless ("Verizon Wireless"). Verizon Wireless is the general partner of Verizon.

VCI brings industry leadership in building the future of connectivity. Verizon Wireless, a significant segment of VCI, provides wireless communications products and services across one of the most extensive wireless networks in the U.S. Verizon Wireless provides these services and equipment sales to consumer, business and government customers across the U.S. on a postpaid and prepaid basis.

For the most recent fiscal year ended December 31, 2017, VCI's total revenue and operating income were \$126.0 billion and \$27.4 billion, respectively. Verizon Wireless's total revenue and operating income were \$87.5 billion and \$29.2 billion, respectively.

Verizon and its partners and affiliates hold FCC licenses for spectrum in New York City and surrounding communities. Verizon's net worth is set forth in the Proprietary Information Appendix (Appendix 2).

More detailed information concerning the financial results of VCI and Verizon Wireless can be found in VCI's 2017 Annual Report on Form 10-K filed with the US Securities and Exchange Commission, available at the following link:

<https://www.sec.gov/Archives/edgar/data/732712/000073271218000009/a201710-k.htm>

Scope Proposal

Verizon seeks to have all three zones reflected in its franchise agreement as the area covered by its franchise.

Compensation Proposal

The minimum monthly compensation amounts, as set forth in the RFP, are shown below. Verizon proposes to pay more than the minimum monthly compensation for Street Operation Poles, as set forth in the Proprietary Information Appendix (Appendix 2).

<u>ZONE:</u>	<u>Minimum Monthly Compensation</u>	<u>Additional Monthly Compensation</u>
Zone A: Street Operation Poles	\$350.00	See Proprietary Information Appendix (Appendix 2)
Zone B: Street Operation Poles	\$250.00	
Zone C: Street Operation Poles	\$100.00	
Zone B: Street Utility Poles	\$25.00	
Zone C: Street Utility Poles	\$10.00	
Link Kiosk Zone A:	\$105.00	
Link Kiosk Zone B:	\$75.00	
Link Kiosk Zone C:	\$30.00	

Appendix 1

NYC Mobile Telecommunications RFP

Technical Proposal: Application Illustrations & Details

Section A

Existing Designs

A.1 - Approved specifications - Standard Operations Pole



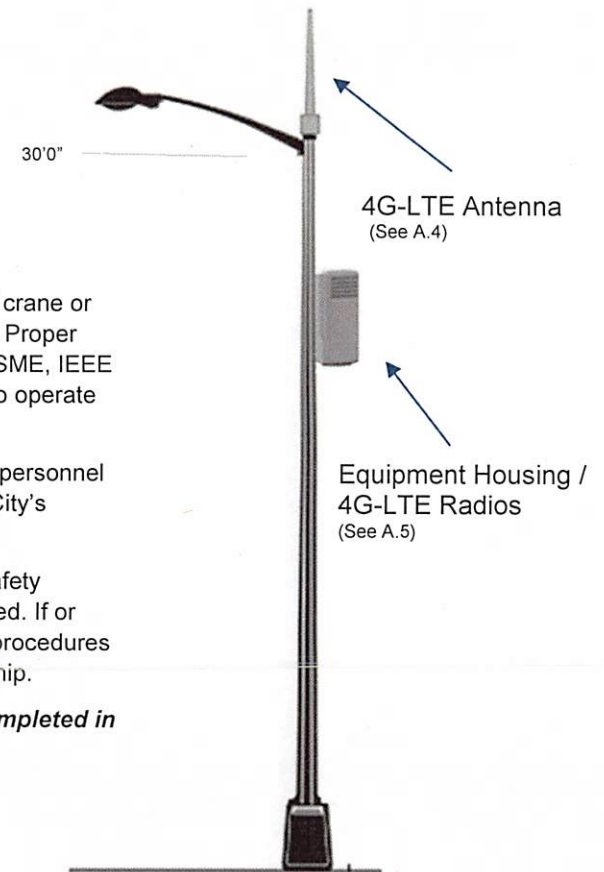
Technology: 4G-LTE
 Multi-tenant: Yes
 Average Power consumption: 1200 W
 Target Date: Immediately

Installation & Mounting Procedure: Licensed professionals using small crane or bucket truck with minimal disruption to pedestrian and vehicular traffic. Proper structural mounting of hardware to S/TLP that meets NESC, OSHA, ASME, IEEE and all other appropriate safety standards. All installations are tested to operate within FCC environmental MPEL safety standards.

Maintenance: Preventative maintenance will be conducted by Verizon personnel trained & certified to work aloft, as required. Verizon will maintain the City's property in good condition.

Repair: Ladders and/or bucket trucks will be used in this service. All safety procedures for protecting pedestrian and vehicular traffic will be followed. If or when required to replace or remove a node Verizon will follow similar procedures and best industry practices for safety, structural and quality workmanship.

Verizon will ensure that all construction will be performed and completed in full compliance with the City's standards and specifications



Pole image courtesy of Street Design Manual © 2015 NYC Department of Transportation

A.2 - Approved specifications - Standard Traffic Pole



Technology: 4G-LTE
 Multi-tenant: Yes
 Average Power consumption: 1200 W
 Target Date: Immediately

Installation & Mounting Procedure: Licensed professionals using small crane or bucket truck with minimal disruption to pedestrian and vehicular traffic. Proper structural mounting of hardware to S/TLP that meets NESC, OSHA, ASME, IEEE and all other appropriate safety standards. All installations are tested to operate within FCC environmental MPEL safety standards.

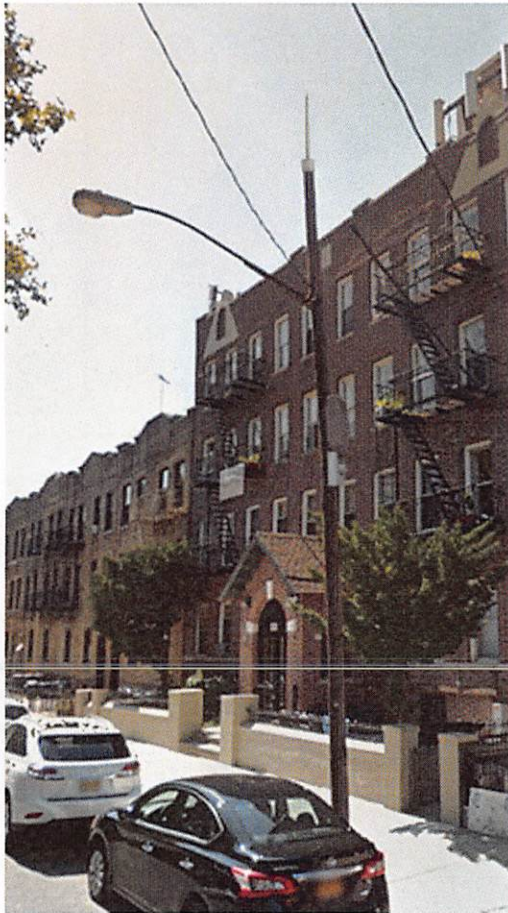
Maintenance: Preventative maintenance will be conducted by Verizon personnel trained & certified to work aloft, as required. Verizon will maintain the City's property in good condition.

Repair: Ladders and/or bucket trucks will be used in this service. All safety procedures for protecting pedestrian and vehicular traffic will be followed. If or when required to replace or remove a node Verizon will follow similar procedures and best industry practices for safety, structural and quality workmanship.

Verizon will ensure that all construction will be performed and completed in full compliance with the City's standards and specifications



A.3 - Approved specifications – Street Utility Pole



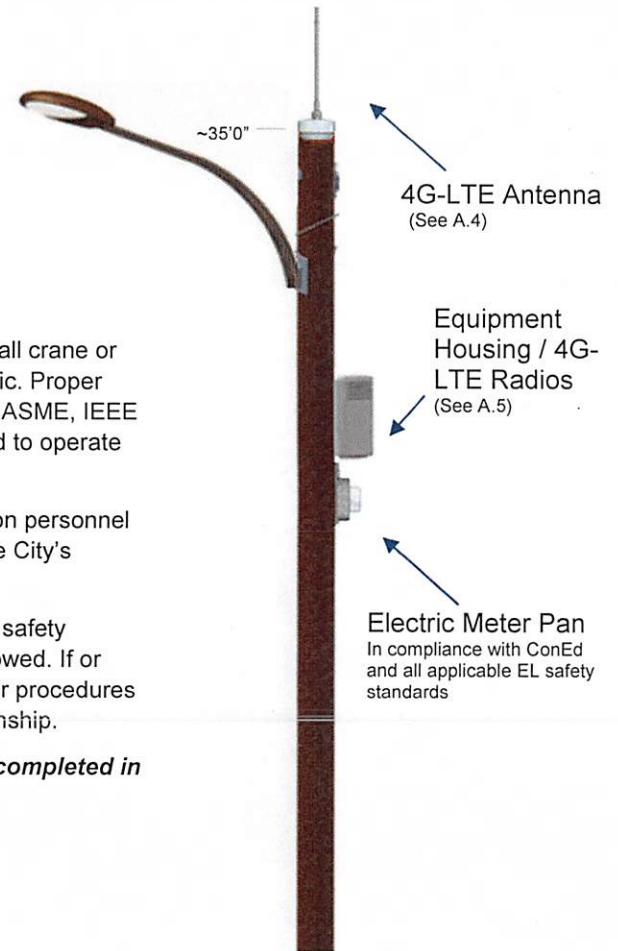
Technology: 4G-LTE
 Multi-tenant: Yes
 Average Power consumption: 1200 W
 Target Date: Immediately

Installation & Mounting Procedure: Licensed professionals using small crane or bucket truck with minimal disruption to pedestrian and vehicular traffic. Proper structural mounting of hardware to S/TLP that meets NESC, OSHA, ASME, IEEE and all other appropriate safety standards. All installations are tested to operate within FCC environmental MPEL safety standards.

Maintenance: Preventative maintenance will be conducted by Verizon personnel trained & certified to work aloft, as required. Verizon will maintain the City's property in good condition.

Repair: Ladders and/or bucket trucks will be used in this service. All safety procedures for protecting pedestrian and vehicular traffic will be followed. If or when required to replace or remove a node Verizon will follow similar procedures and best industry practices for safety, structural and quality workmanship.

Verizon will ensure that all construction will be performed and completed in full compliance with the City's standards and specifications



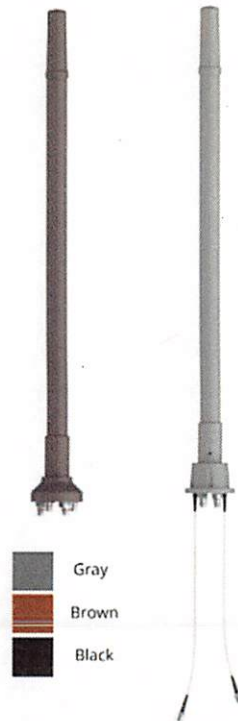
A.4 – Approved Antenna

Size: 48" (H) x 2" (D)

Weight: 5.7 lbs

Description: The antenna meets current DoITT permits and U-NII-1 requirements for gain and upper sidelobe performance.

Provides omni directional 4G-LTE coverage.

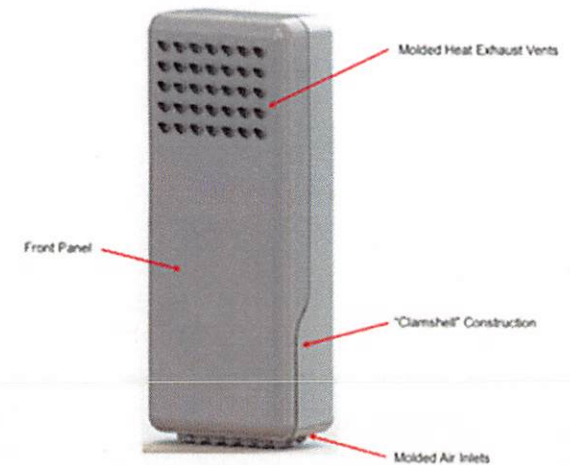


A.5 – Approved Equipment Housing

Size: 35" (H) x 15.5" (W) x 9" (D)

Weight: 36 lbs

Description: One permitted DoITT equipment housing that will typically contain 4G-LTE Equipment and no antennas.

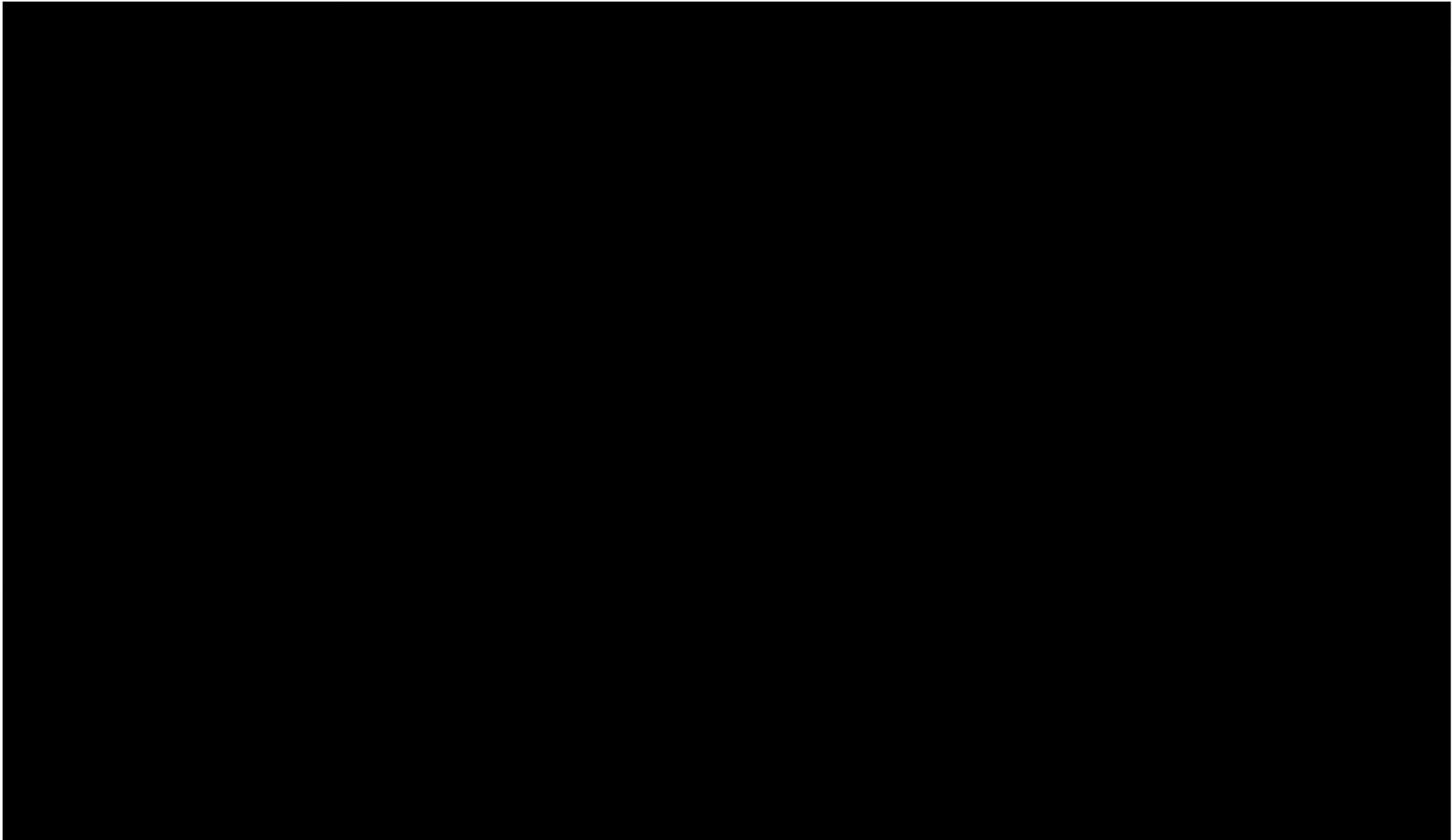


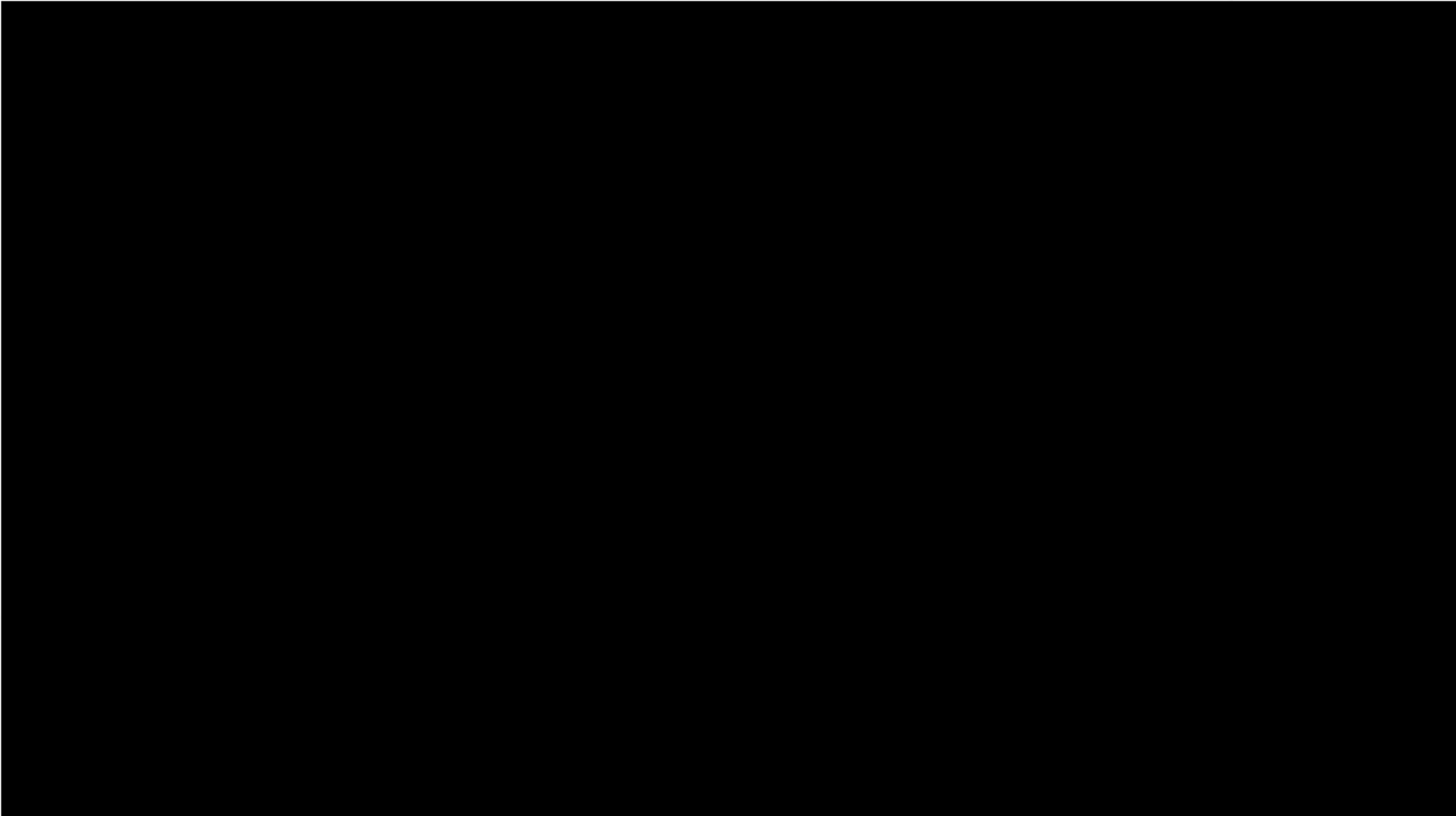
Section B

Future Design Changes*

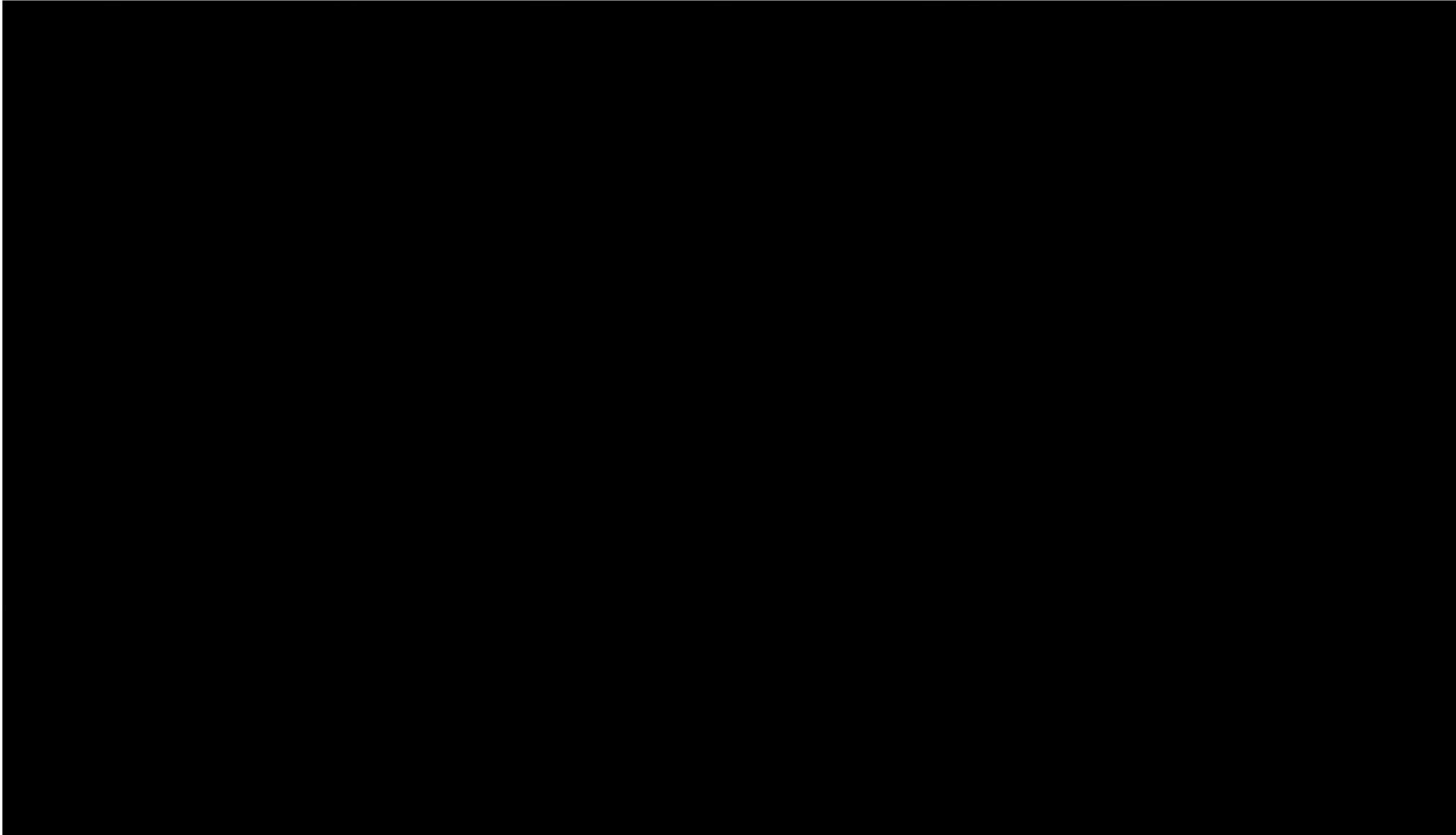
*The type and quantity of wireless equipment proposed in this section will vary depending on network need, infrastructure feasibility and multi-tenant interest.

*All future designs will be submitted to the City for any & all necessary approvals prior to use by Verizon









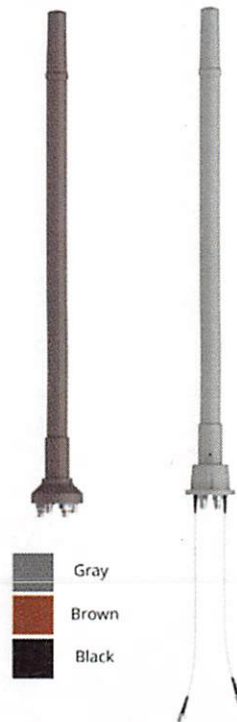
B.5 – Approved Antenna

Size: 48" (H) x 2" (D)

Weight: 5.7 lbs

Description: The antenna meets current DoITT permits and U-NII-1 requirements for gain and upper sidelobe performance.

Provides omni directional Long Term Evolution (4G, 4.5G, etc.) coverage.

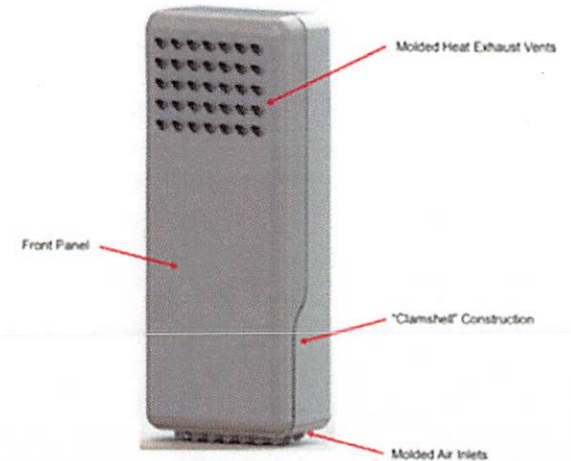


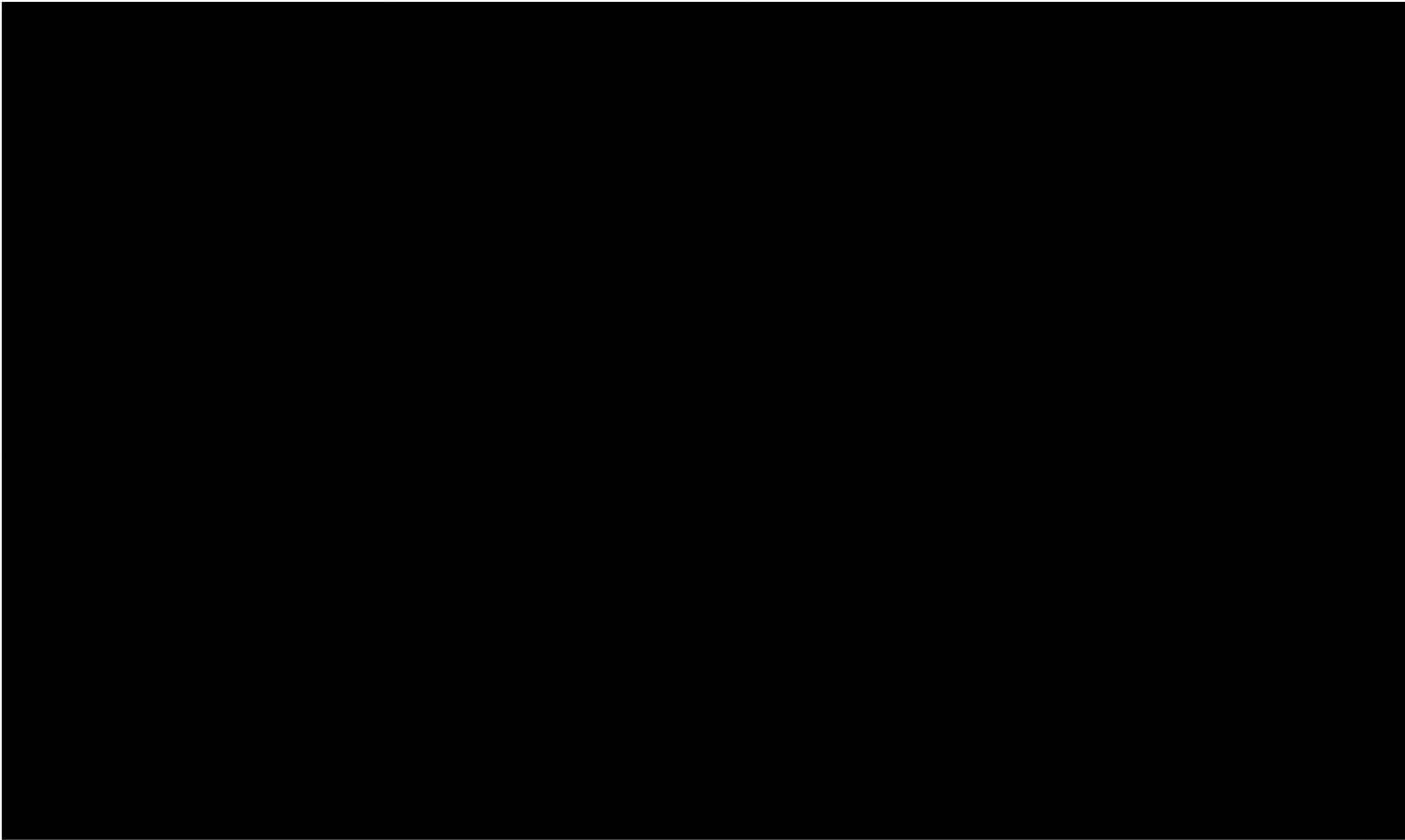
B.6 – Approved Equipment Housing

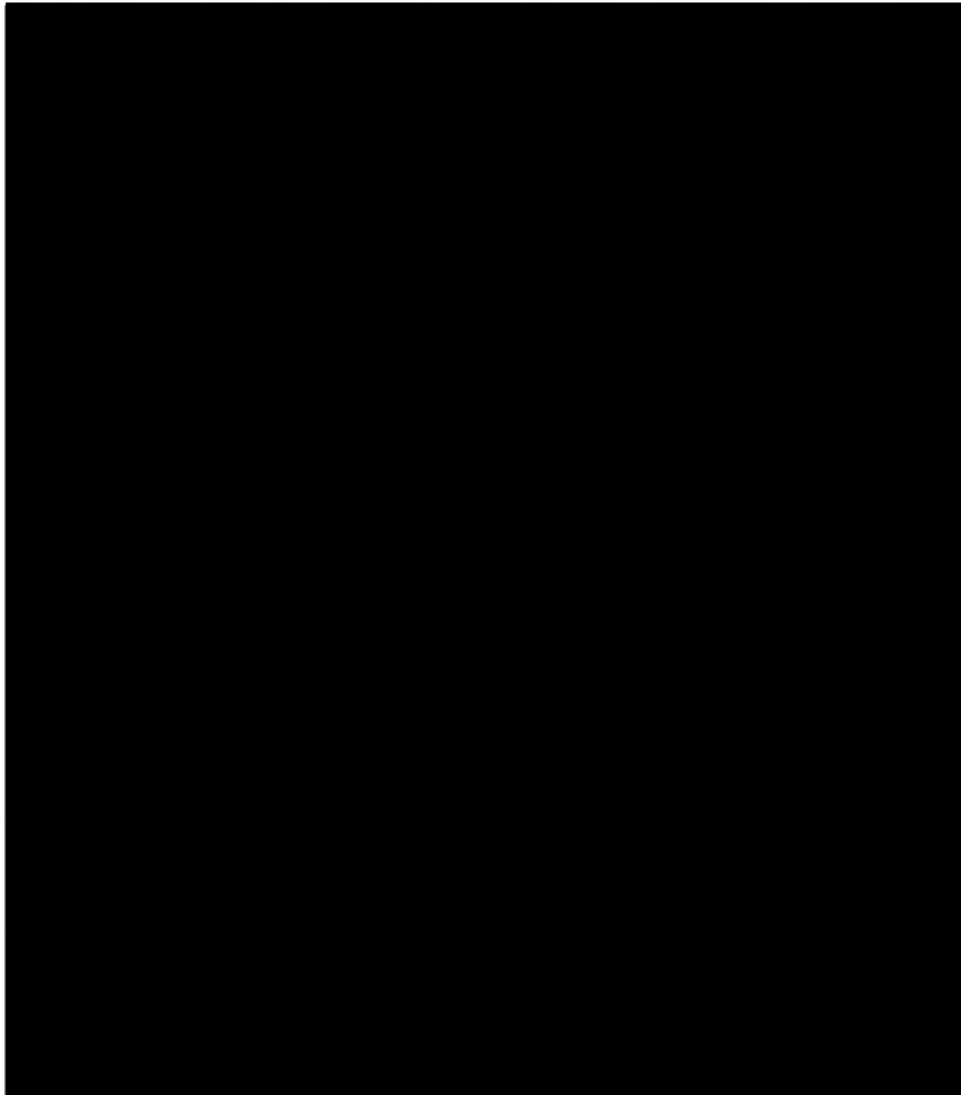
Size: 35" (H) x 15.5" (W) x 9" (D)

Weight: 36 lbs

Description: One permitted DoITT equipment housing that will typically contain 4G-LTE Equipment and no antennas.







Appendix 2

NYC Mobile Telecommunications RFP

Proprietary Information

Sealed Submission

Appendix 3

REQUEST FOR PROPOSALS
FOR FRANCHISES FOR THE INSTALLATION AND USE OF TELECOMMUNICATIONS EQUIPMENT AND FACILITIES,
INCLUDING BASE STATIONS AND ACCESS POINT FACILITIES, ON CITY-OWNED STREET LIGHT POLES AND
TRAFFIC LIGHT POLES, AND CERTAIN UTILITY POLES AND OTHER FACILITIES LOCATED ON CITY STREETS, IN
CONNECTION WITH THE PROVISION OF MOBILE TELECOMMUNICATIONS SERVICES

EXHIBIT C ACKNOWLEDGMENT OF RELEASE DATE AND ADDENDUM

APPLICANT'S NAME:	<u>Colleen Casey</u>
RFP RELEASE DATE:	<u>June 12, 2018</u>
NUMBER OF ADDENDA RECEIVED:	<u>4</u>
ISSUE DATE(S) OF ADDENDA:	<u>June 27, 2018 - Addendum 1</u>
	<u>June 29, 2018 - Addendum 2</u>
	<u>July 11, 2018 - Addendum 3</u>
	<u>July 25, 2018 - Addendum 4</u>

APPENDIX 4

REQUEST FOR PROPOSALS
FOR FRANCHISES FOR THE INSTALLATION AND USE OF TELECOMMUNICATIONS EQUIPMENT AND FACILITIES,
INCLUDING BASE STATIONS AND ACCESS POINT FACILITIES, ON CITY-OWNED STREET LIGHT POLES AND
TRAFFIC LIGHT POLES, AND CERTAIN UTILITY POLES AND OTHER FACILITIES LOCATED ON CITY STREETS, IN
CONNECTION WITH THE PROVISION OF MOBILE TELECOMMUNICATIONS SERVICES

**EXHIBIT D
AFFIRMATION**

The undersigned proposer or bidder affirms and declares that said proposer or bidder is not in arrears to the City of New York upon debt, contract, or taxes and is not a defaulter, as surety or otherwise, upon obligation to the City of New York, and has not been declared not responsible, or disqualified, by any agency of the City of New York, nor is there any proceeding pending relating to the responsibility or qualification of the proposer or bidder to receive public contracts except

Full name of Proposer or Bidder
New York SMSA Limited Partnership

Address
1 Verizon Way

City Basking Ridge State NJ Zip Code 07920

CHECK ONE BOX AND INCLUDE APPROPRIATE NUMBER:

- A - Individual or Sole Proprietorship*
SOCIAL SECURITY NUMBER _____
- B - Partnership, Joint Venture or other unincorporated organization
EMPLOYER IDENTIFICATION NUMBER
- C - Corporation
EMPLOYER IDENTIFICATION NUMBER _____

By *Colleen Casey*
Signature Colleen Casey
Executive Director, Network Field Engineering
Title

If a corporation, place seal here:

Must be signed by an officer or duly authorized representative.

* Under the Federal Privacy Act the furnishing of Social Security Numbers by bidders on City contracts is voluntary. Failure to provide a Social Security Number will not result in a bidder's disqualification. Social Security Numbers will be used to identify bidders, proposers, or vendors to ensure their compliance with laws, to assist the City in enforcement of laws as well as to provide the City a means of identifying of businesses which seek City contracts.

Appendix 5

REQUEST FOR PROPOSALS
FOR FRANCHISES FOR THE INSTALLATION AND USE OF TELECOMMUNICATIONS EQUIPMENT AND FACILITIES,
INCLUDING BASE STATIONS AND ACCESS POINT FACILITIES, ON CITY-OWNED STREET LIGHT POLES AND
TRAFFIC LIGHT POLES, AND CERTAIN UTILITY POLES AND OTHER FACILITIES LOCATED ON CITY STREETS, IN
CONNECTION WITH THE PROVISION OF MOBILE TELECOMMUNICATIONS SERVICES

EXHIBIT F DOING BUSINESS DATA FORM

All proposers must complete a Doing Business Data Form which, along with a Questions and Answers about the Doing Business Data Form and Owner Certification Guide, is included as separate attachments to this RFP.

Doing Business Data Form

To be completed by the City agency prior to distribution

Agency _____ Transaction ID _____

Check One

Transaction Type (check one)

- Proposal Award Concession Economic Development Agreement Franchise Grant Pension Investment Contract Contract

Any entity receiving, applying for or proposing on an award or agreement must complete a Doing Business Data Form (see Q&A sheet for more information). Please either type responses directly into this fillable form or print answers by hand in black ink, and be sure to fill out the certification box on the last page. **Submission of a complete and accurate form is required for a proposal to be considered responsive or for any entity to receive an award or enter into an agreement.**

This Data Form requires information to be provided on principal officers, owners and senior managers. The name, employer and title of each person identified on the Data Form will be included in a public database of people who do business with the City of New York, as will the organizations that own 10% or more of the entity. No other information reported on this form will be disclosed to the public. **This Data Form is not related to the City's PASSPort registration or VENDEX requirements.**

Please return the completed Data Form to the City office that supplied it. Please contact the Doing Business Accountability Project at DoingBusiness@mocs.nyc.gov or 212-788-8104 with any questions regarding this Data Form. Thank you for your cooperation.

Entity Information

If you are completing this form by hand, please print clearly.

Entity EIN/TIN _____ Entity Name New York SMSA Limited Partnership

Filing Status

(Select One)

NEW: Data Forms submitted now must include the listing of organizations, as well as individuals, with 10% or more ownership of the entity. Until such certification of ownership is submitted through a change, new or update form, a no change form will not be accepted.

- Entity has never completed a Doing Business Data Form. Fill out the entire form.
 Change from previous Data Form dated _____. Fill out only those sections that have changed, and indicate the name of the persons who no longer hold positions with the entity.
 No Change from previous Data Form dated _____. Skip to the bottom of the last page.

Entity is a Non-Profit Yes No

Entity Type Corporation (any type) Joint Venture LLC Partnership (any type) Sole Proprietor Other (specify) _____

Address 1 Verizon Way

City Basking Ridge State NJ Zip 07920

Phone _____ E-mail _____@verizonwireless.com

Provide your e-mail address in order to receive notices regarding this form by e-mail.

Principal Officers

Please fill in the required identification information for each officer listed below. If the entity has no such officer or its equivalent, please check "This position does not exist." If the entity is filing a Change Form and the person listed is replacing someone who was previously disclosed, please check "This person replaced..." and fill in the name of the person being replaced so his/her name can be removed from the *Doing Business Database*, and indicate the date that the change became effective.

Chief Executive Officer (CEO) or equivalent officer This position does not exist
The highest ranking officer or manager, such as the President, Executive Director, Sole Proprietor or Chairperson of the Board.

First Name Ronan MI _____ Last Dunne Birth Date (mm/dd/yy) _____

Office Title President Employer (if not employed by entity) Cellco Partnership

Home Address _____

This person replaced former CEO _____ on date _____

Chief Financial Officer (CFO) or equivalent officer This position does not exist
The highest ranking financial officer, such as the Treasurer, Comptroller, Financial Director or VP for Finance.

First Name John MI _____ Last Townsend Birth Date (mm/dd/yy) _____

Office Title Senior Vice President and Chief Financial Officer Employer (if not employed by entity) Cellco Partnership

Home Address _____

This person replaced former CFO _____ on date _____

Chief Operating Officer (COO) or equivalent officer This position does not exist
The highest ranking operational officer, such as the Chief Planning Officer, Director of Operations or VP for Operations.

First Name Tami MI _____ Last Erwin Birth Date (mm/dd/yy) _____

Office Title Executive Vice President - Wireless Operations Employer (if not employed by entity) Cellco Partnership

Home Address _____

This person replaced former COO _____ on date _____

Principal Owners

Please fill in the required identification information for all individuals or organizations that, through stock shares, partnership agreements or other means, own or control 10% or more of the entity. If no individual or organization owners exist, please check the appropriate box to indicate why and skip to the Senior Managers section. If the entity is owned by other companies that control 10% or more of the entity, those companies must be listed. If an owner was identified on the previous page, fill in his/her name and write "See above." If the entity is filing a Change Form, list any individuals or organizations that are no longer owners at the bottom of this section. If more space is needed, attach additional pages labeled "Additional Owners."

There are no owners listed because (select one):

The entity is not-for-profit The entity is an individual No individual or organization owns 10% or more of the entity

Other (explain) _____

Individual Owners (who own or control 10% or more of the entity)

First Name _____ MI _____ Last _____ Birth Date (mm/dd/yy) _____

Office Title _____ Employer (if not employed by entity) _____

Home Address _____

First Name _____ MI _____ Last _____ Birth Date (mm/dd/yy) _____

Office Title _____ Employer (if not employed by entity) _____

Home Address _____

Organization Owners (that own or control 10% or more of the entity)

Organization Name Cellco Partnership

Organization Name _____

Organization Name _____

Remove the following previously-reported Principal Owners

Name _____ Removal Date _____

Name _____ Removal Date _____

Name _____ Removal Date _____

Senior Managers

Please fill in the required identification information for all senior managers who oversee any of the entity's relevant transactions with the City (e.g., contract managers if this form is for a contract award/proposal, grant managers if for a grant, etc.). Senior managers include anyone who, either by title or duties, has substantial discretion and high-level oversight regarding the solicitation, letting or administration of any transaction with the City. At least one senior manager must be listed, or the Data Form will be considered incomplete. If a senior manager has been identified on a previous page, fill in his/her name and write "See above." If the entity is filing a Change Form, list individuals who are no longer senior managers at the bottom of this section. If more space is needed, attach additional pages labeled "Additional Senior Managers."

Senior Managers

First Name Colleen MI F Last Casey Birth Date (mm/dd/yy) _____

Office Title Executive Director, Network Field Engineering Employer (if not employed by entity) Cellco Partnership

Home Address _____

First Name Gian MI _____ Last Dagama Birth Date (mm/dd/yy) _____

Office Title Director, Network Field Engineering Employer (if not employed by entity) _____

Home Address _____

First Name _____ MI _____ Last _____ Birth Date (mm/dd/yy) _____

Office Title _____ Employer (if not employed by entity) _____

Home Address _____

Remove the following previously-reported Senior Managers

Name _____ removal date _____

Name _____ removal date _____

Certification

I certify that the information submitted on these two pages and _____ additional pages is accurate and complete. I understand that willful or fraudulent submission of a materially false statement may result in the entity being found non-responsible and therefore denied future City awards.

Name Colleen Casey Title Executive Director, Network Field Engineering

Entity Name New York SMSA Limited Partnership Work Phone # _____

Signature Colleen Casey Date July 16, 2018