

194-2018 ADDENDUM 1

CITY OF WINNIPEG SMALL CELL IMPLEMENTATIONS

URGENT

**PLEASE FORWARD THIS DOCUMENT TO
WHOEVER IS IN POSSESSION OF THE BID
OPPORTUNITY**

ISSUED: Doug Hamm
BY: May 1, 2018
TELEPHONE NO. 204 986-2363

**THIS ADDENDUM SHALL BE INCORPORATED
INTO THE BID OPPORTUNITY AND SHALL
FORM A PART OF THE CONTRACT
DOCUMENTS**

Template Version: A20160708

Please note the following and attached changes, corrections, additions, deletions, information and/or instructions in connection with the Bid Opportunity, and be governed accordingly. Failure to acknowledge receipt of this Addendum in Paragraph 4 of Form A: Bid may render your Bid non-responsive.

QUESTIONS AND ANSWERS

B5.3 Technical and Security Specifications

- Q1 B5.3(c)(iv) Potential compatibility with Public Safety / FirstNet / Band 14 cellular operations as a benefit to the citizens of Winnipeg; - Could you please elaborate on this request to help us understand how the city relates the future small cell technology to "Potential compatibility with Public Safety / First Net / Band 14 cellular operations"?
- A1 The City is currently investigating options to address mission-critical cellular telephony (data and voice) requirements within Public Safety departments, including Police and Fire/Paramedic. Band 14 is the spectrum licensed to the First Responders Network Authority (FirstNet) of the United States, to create a nationwide Public Safety wireless broadband network. Band 14 represents 20 MHz of highly desirable spectrum in the 700 MHz band that provides good propagation in urban and rural areas, as well as adequate penetration into buildings. As such it is the logical requirement for Public Safety needs in Canada. The City is interested in exploring if and how the chosen Small Cell technology may accommodate Band 14 compatibility presently and in the future.
- Q2 B5.3(c)(v) Potential synergies with public Wi-Fi Hotspots as a benefit to the citizens of Winnipeg; - Could you please clarify if the City is referring to the EXISTING public WiFi Hot spots in Winnipeg?
- A2 The City is currently investigating options to provide free public Wi-Fi Hotspots at City facilities – this includes City sites that currently have Hotspots served through various providers, as well as sites that do not but may benefit from them. City assets made available for Small Cell Implementations may lend themselves to serving Wi-Fi Hotspots as well. The City is therefore interested in exploring innovative ways to provide free public Wi-Fi service in conjunction with cellular service at Small Cell sites, leveraging common elements such as network appliances, backhaul and power.

Q3 In the Appendix A: City of Winnipeg Small Cell Site Candidates, It stated that the City owns 50 decorative lights on Lily Street, Pacific Ave. and John Hirsch Place. Would it be possible for the city to share the locations of these 50 poles in the form of Excel file as well as Google Earth (KML/KMZ) format?

A3 While the City does not yet have the locations of these relatively new installations in electronic format, the following information should assist:

- Lily Street – Between Market Avenue and Galt Avenue – 35 Lights on both sides of Lily randomly located but are generally about 10-30 meters apart.
- Pacific Ave – Between Lily Street and Main Street – 6 lights equally spaced on the North side of Pacific between Main and Martha
- John Hirsch Place – East of Rorie Street – 9 Lights equally spaced on the North side of John Hirsch East of Rorie