

FINANCIAL MANAGEMENT COMMITTEE

*HIS WORSHIP, THE MAYOR
AND COUNCILLORS*

**SUBJECT: PROPOSED AGREEMENT BETWEEN THE CITY OF BURNABY AND
TELUS FOR HIGH SPEED NETWORK EXPANSION**

RECOMMENDATIONS:

1. THAT Council authorize staff to enter into an agreement with Telus on the basis of the terms and conditions, as outlined in this report.
2. THAT Council authorize the review of the provisions of the Burnaby Zoning Bylaw and the Street and Traffic Bylaw related to the installation of small cell and other antennae on City street infrastructure.

REPORT

The Financial Management Committee submitted a report to the Closed meeting of Council held on 2015 June 01 seeking approval to enter into an agreement with Telus Communications Inc. (Telus) covering: Telus' installation of new small cellular access points on select City street infrastructure; and the extension of high-speed network services to the City at preferential rates as consideration.

At its Closed meeting, Council received and adopted the report.

Respectfully submitted,

Councillor D. Johnston
Chair

Councillor C. Jordan
Vice Chair

Councillor P. McDonell
Member

Copied to:	City Manager Deputy City Managers Chief Information Officer Director Planning & Building Director Engineering Director Finance City Solicitor
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TO: CHAIR AND MEMBERS
FINANCIAL MANAGEMENT COMMITTEE

DATE: 2015 June 17

FROM: CHIEF INFORMATION OFFICER
DIRECTOR PLANNING AND BUILDING
DIRECTOR ENGINEERING

**SUBJECT: PROPOSED AGREEMENT BETWEEN THE CITY OF BURNABY AND
TELUS FOR HIGH SPEED NETWORK EXPANSION**

PURPOSE: To request approval to enter into an agreement with Telus Communications Inc. (Telus) covering: Telus' installation of new small cellular access points on select City street infrastructure; and the extension of high-speed network services to the City at preferential rates as consideration.

RECOMMENDATIONS:

1. **THAT** the Financial Management Committee recommend Council authorize staff to enter into an agreement with Telus on the basis of the terms and conditions as outlined in this report.
2. **THAT** the Financial Management Committee recommend Council authorize the review of the provisions of the Burnaby Zoning Bylaw and the Street and Traffic Bylaw related to the installation of small cell and other antennae on City street infrastructure.

REPORT**1.0 BACKGROUND**

Telus is looking to provision small cellular antennae to provide additional capacity and coverage in designated areas: e.g., those with high concentrations of network traffic or with challenging geography beyond the reach of existing cellular towers. To facilitate this network augmentation, Telus is seeking approval to mount small cell devices on City street infrastructure such as traffic signal poles and street lights. In consideration of power usage and wear-and-tear on City infrastructure, Telus is offering access to high speed, high capacity network services at a discounted rate to select City sites. Permission to mount small cell devices on City street infrastructure is dependent on approval of proposed bylaw zoning changes through a Public Hearing process. Any agreement reached with Telus will be non-exclusive and similar agreements could be made available to other telecommunications companies in the future.

To: Chair and Members of Financial Management Committee
From: Chief Information Officer, Director Planning and Building
and Director Engineering
Re: Proposed Agreement between the City of Burnaby and Telus
For High-Speed Network Expansion
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2.0 PROPOSED AGREEMENT

The proposed agreement with Telus is comprised of the following components:

2.1 Small Cell Agreement

Subject to the standard development approval process, and approval of supporting bylaw amendments, the proposed agreement would allow for the installation of a limited number of small cell antennae on City street infrastructure. City staff would retain control of the location of small cell units, and Telus would be required to work in a way that safeguards City infrastructure and meets all regulatory requirements. This agreement would be for an initial ten year term, with provision for an optional renewal of a further five years.

In consideration for the right to use City infrastructure to mount small cell devices, Telus is offering the City preferential rates on high-speed network services (see below).

The bylaw amendments would be non-exclusive and available to other telecommunications providers looking to mount small cell, Wi-Fi or other antennae devices on City infrastructure. Commercial agreements for subsequent providers would be negotiated separately.

2.2 High-Speed Network Services

Under the agreement, Telus is offering the City access to dedicated, high-speed network services to ensure the City's internal network can continue to support anticipated demand from citizens and staff accessing a wide range of online services and systems. The enhanced service will be provided by Telus at a discounted price offering substantial cost savings to the City. The total value of the contract with Telus including the enhanced services is estimated to be \$3,747,027 (including applicable taxes) over the ten year term, an incremental increase of around \$4,500 per month over the current agreement.

Telus will also provision this service in a considerably shorter timeframe than if the City were to try to build an equivalent network, with most City sites upgraded within 18 – 24 months.

During the term of the agreement, the City would be able to review other options to meet its network requirements including expansion of City-owned fibre networks or the use of future technologies. The City could also swap sites covered by the agreement: e.g., if facilities are opened, or if there is a change in business use at a site, or if the City decides to replace a commercial service with its own fibre. Activation of the agreement is subject to completion of the necessary bylaw amendments to allow for installation of small cell antennae on City street pole infrastructure.

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3.0 RECOMMENDATIONS

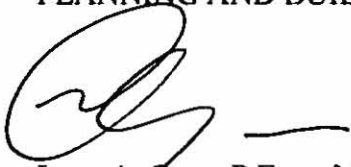
It is recommended that the City enter into an agreement with Telus Communications Inc. under the terms as described above. It is also recommended that Council authorize a review of the specific amendments to the Burnaby Zoning Bylaw and the Street and Traffic Bylaw necessary to support the proposed installation of small cell, Wi-Fi and other antennae technology on City street infrastructure. Final approval of any specific amendment is subject to independent Council consideration through Committee, Council and the Public Hearing processes. Activation of the agreement for Telus to provision network services as outlined in this report would follow the outcome of the bylaw amendment process, although Telus is willing to begin initial preparatory work in advance of completion of this process.



Shari Wallace
CHIEF INFORMATION OFFICER



Lou Pelletier, Director
PLANNING AND BUILDING



Leon A. Gous, P.Eng., MBA
DIRECTOR ENGINEERING

SJW:sjw

cc: City Manager
Deputy City Managers
Director Finance
City Solicitor
City Clerk