

## APPENDIX 1 – SUMMARY STATEMENT OF WORK (SOW)

### 1.0 Introduction

- This Transportation Background Study will support the City's update of its current development charge by-law (required every five years as stipulated in the Development Charges Act, 1997, S.O. 1997, C.27). The Transportation Background Study must be completed prior to the passing of the new Development Charge By-law.
- The consultant team will apply the travel demand model to generate projected travel demands (auto, transit, walking and cycling) and will utilize these results as an input into the DC Transportation Background Study (ensuring that the Background Study meets the legislation of the DC Act).

### 2.0 Project Deliverables

This Project shall provide the following underlying deliverables to the City of Mississauga:

- A detailed Transportation Background Study prepared in accordance with the *Development Charge Act, 1997* and related regulations. This should include the investigation of new and innovative ways to measure service levels in respect to quantity and quality, recognizing the changing nature of service delivery due to urbanization and intensification;
- Develop an appropriate methodology for calculating and measuring levels of service and allowable charges for transportation-related services eligible for development charges funding, based on a City-wide approach;
- Review and provide recommended changes to the existing components currently used in calculating the average service level for all transportation-related categories and within requirements of the Act;
- The integration and collaboration of methodologies and innovation with the City's overall lead consultant, responsible for developing the overall Development Charges Background Study and the draft development charges by-law and schedule of development charge rates;
- The consultant shall prepare a report to document the background assumptions, analysis methodologies, and study recommendations that were used in establishing the transportation component of the City's 2022 Development Charges By-Law;
- An asset management plan will be developed to demonstrate that all the new assets identified in the DC background study are financially sustainable over their lifecycle

### **3.0 High Level Scope of Work for Consulting Services**

#### **Review of previous Development Charges Background Study**

The consultant shall review the Development Charges report and transportation analysis that was undertaken for the City's previous Development Charges 2019 Update.

#### **Update Construction Unit Prices**

The consultant shall update contract unit prices based on the construction contract unit prices provided by the City's Transportation & Works Department.

#### **Develop and Compare Costs**

The consultant shall develop Road Widening, New Construction and Reconstruction costs using the approved construction unit prices.

#### **Identification of Required Improvements**

The consultant shall develop 10-year and 20-year travel demand for the City's transportation network. The consultant shall also identify road infrastructure, intersection, and transit improvement requirements over the next 20 years.

#### **Service Level Measures**

The consultant shall undertake a road service level analysis.

#### **Road Improvement Infrastructure Cost**

The consultant shall develop preliminary road improvement, structures and transit related roadway infrastructure cost spreadsheets.

#### **Growth / Non-growth Cost Sharing**

The consultant shall establish the growth / non-growth split through the assessment of benefits to existing road users.

#### **Asset Management Plan**

The consultant shall develop an asset management plan to demonstrate that all the new assets identified in the DC background study are financially sustainable over their lifecycle.

#### **Report Preparation**

The consultant shall prepare a report to document the background assumptions, analysis methodologies, and study recommendations.