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Mr. Jonathan Osborne, P.Eng,
Manager of Engineering
The Corporation of the Town of LaSalle
5950 Malden Road
LaSalle, ON N9H 1S4

October 3, 2019

Dear Mr. Osborne:

Regarding: Proposal for Town of LaSalle Water Master Plan

Further to your request, we are pleased to submit our fee proposal for Consulting Services to develop a Master Plan for the water distribution system in the Town of LaSalle.

Project Understanding

AECOM understands that the purpose of this study is to review the water infrastructure requirements that were recommended as part of the previous Water Infrastructure Analysis report prepared by AECOM in June 2017, update the hydraulic model with new existing infrastructure and future proposed infrastructure, and provide recommendations to improve serviceability in the Town of LaSalle.

Scope of Work

Based on our understanding of the requirements, we propose AECOM perform the following work:

1. Kick-off Meeting and Project Initiation – Meeting No.1

2. Collect and Review Background Data

   - Obtain from LaSalle updated water system and facility GIS information, as-built drawings for planned or constructed projects.
   - Obtain from LaSalle recent flow, billing, pressure and SCADA information.
   - Obtain and review updated growth information provided by the Town. Future population projections in 5-year increments to 2049 is preferred.
   - Review the status of committed capital projects for the LaSalle water system and update the LaSalle hydraulic model accordingly.
   - Confirm current LaSalle service levels, and the planning and design criteria for project use (pressure limits, velocities, headloss).

3. Perform Model Update and Hydraulic Analysis

   - Update integrated Windsor (WUC)-LaSalle full pipe model as per latest GIS/ data collection.
   - Perform demand analysis and demand allocation in the hydraulic model.
   - Complete a high-level model validation to confirm model accuracy based on SCADA data provided.

- Develop scenarios and perform a hydraulic analysis to confirm serviceability under Average Day, Maximum Day, and Peak Hour conditions for the following design years (2019, 2024, 2029, 2039, 2049).

4. Perform System Assessment or Evaluation

- Confirm future growth requirements to 2049 planning horizon.
- Perform hydraulic analyses to review/confirm construction scheduling for recommended capital projects as per LaSalle's plans for improvement of serviceability.
- Review requirements from LaSalle as well as Windsor to provide adequate service to LaSalle and its future developments based on projected population.
- Review and update long-term capital costs estimates for recommended works; provide cost estimates for any additional capital projects identified in this study.
- Meeting No.2 – with LaSalle personnel to review model update and system assessment.

5. Water Master Plan Report Preparation

- Prepare draft report outlining the output for tasks listed above.
- Meeting No. 3 – with LaSalle personnel to review/confirm draft report outputs.
- Revisions and/or amendments as per the above to finalize the report.

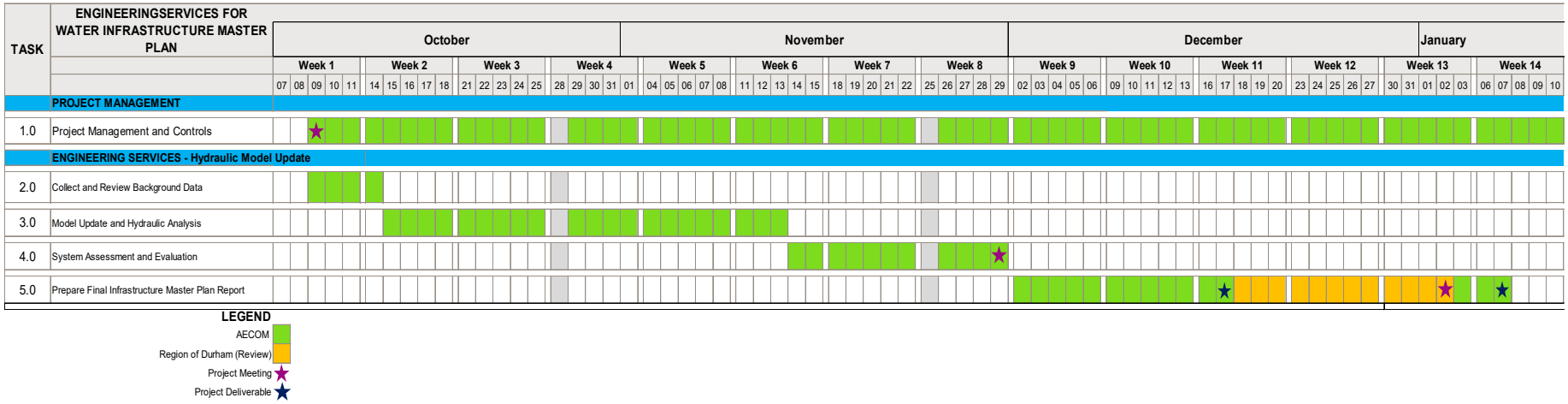
For your convenience, we have summarized our proposed fee for each component of the project as follows:

Project Plan and Fees

Project Team and Time Task Breakdown	Paolo Eugeni	Benny Wan	Semyon Chaymann	Luke Yang	Disbursements	Total
	Project Manager	Senior Engineer	Hydraulic Modeller	GIS Support		
Rate (per hour)	$195	$185	$120	$85		
1.0 Project Initiation	4	4			$400	$1,520
2.0 Collect and Review Background Data		8	16	10		$4,250
3.0 Model Update and Hydraulic Analysis		16	45	40		$11,760
4.0 System Assessment and Evaluation	4	24	55	40	$400	$15,220
5.0 Documentation and review meeting	16	16	24	10	$400	$9,810
Total	24	68	140	100	$1,200	$42,560

- Allowance has been made to attend three (3) meetings. All other project related meetings can be conducted through webinars and teleconference.

Project Schedule



Standard of Care and Disclaimer

AECOM will perform all professional services in accordance with the standard of care customarily observed by professional consulting firms performing similar services at the same time and location. The standard of care will include adherence to all applicable published standards of the profession and laws, regulations, by-laws, building codes and governmental rules. In no event, however, will AECOM be liable for indirect or consequential damages including without limitation loss of use or production, loss of profits or business interruption.

We appreciate the opportunity to submit this proposal and look forward to working together to see the project successfully completed. If you are in agreement with our proposal, kindly complete the Short Form Services Authorization Form and return it by email to the project manager. Receipt of this form will serve as our instructions to proceed.

Should you have any questions or require any further information, please feel free to contact the undersigned at your convenience.

Very truly yours,
AECOM Canada Ltd.

Paolo Eugeni, P.Eng.
Project Manager

Chris Redmond, P.Eng., FEC
Senior Vice President & COO

PE:km
Encl.