

TO:	CHAIR AND MEMBERS CIVIC WORKS COMMITTEE MEETING ON JULY 31, 2017
FROM:	KELLY SCHERR, P. ENG., MBA, FEC MANAGING DIRECTOR, ENVIRONMENTAL & ENGINEERING SERVICES & CITY ENGINEER
SUBJECT:	ELGIN MIDDLESEX PUMPING STATION PUMP UPGRADES PROJECT INCREASE IN ENGINEERING FEES

RECOMMENDATION

That, on the recommendation of the Managing Director, Environmental & Engineering Services & City Engineer, the following actions **BE TAKEN** with respect to an increase in Engineering Fees for the Elgin Middlesex Pumping Station Upgrades Project (EW3540):

- (a) the Engineering Fees for AECOM (AECOM), 250 York Street, Citi Plaza, Suite 410 London, ON, N6A 6K2, **BE INCREASED** by \$30,000 (excluding H.S.T.) to carry out the resident inspection and contract administration for the project in accordance with the fee estimate on file, in accordance with Section 15.2(g) of the City of London's Procurement of Goods and Services Policy;
- (b) the financing for this project **BE APPROVED** as set out in the Sources of Financing Report attached hereto as Appendix "A";
- (c) the Civic Administration **BE AUTHORIZED** to undertake all the administrative acts that are necessary in connection with this project; and
- (d) the Mayor and City Clerk **BE AUTHORIZED** to execute any contract or other documents, if required, to give effect to these recommendations.

PREVIOUS REPORTS PERTINENT TO THIS MATTER
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- Civic Works Committee - June 8, 2016, Item #5 – Contract Price Increase: Tender No. T13-73 Elgin Middlesex Pumping Station Upgrades and Increase in Engineering Fees
- Civic Works Committee – September 23, 2013, Item #3 – Contract Award: Tender No. T13-73 Elgin Middlesex Pumping Station Upgrades

BACKGROUND

Purpose

This report recommends an increase in consulting fees for AECOM to complete the Elgin Middlesex Pumping Station (EMPS) Pump Upgrades Project.

Context

This project is being undertaken in order to replace the existing pumps at the Elgin Middlesex Pumping Station which have exceeded their life expectancy. The engineering fees are recommended to be increased to address unforeseen commissioning issues and an increase in the scope of the SCADA improvements. The additional fees are eligible for the HELP Clean Water and Hydro One RETROFIT funding programs and can be funded within the existing budget.

DISCUSSION

This project is being undertaken in order to replace the existing pumps at the Elgin Middlesex Pumping Station with smaller, more energy efficient pumps. The pump upgrades at the Elgin Middlesex Pumping Station are required as part of the system integration work necessary for the Southeast Reservoir and Pumping Station to operate within the City of London system. The new pumps have been strategically sized to work in conjunction with the Southeast Reservoir and Pumping Station to provide an optimal operating regime.

Project Funding

This project benefits from HELP Clean Water (Federal and Provincial) funding and future funding from the Hydro One RETROFIT grant programs.

Consulting Services

The increase in fees is related to additional effort to resolve unforeseen commissioning issues and an expansion of scope to provide a more comprehensive integration of the City of London's SCADA system with those of the Regional Water Supply, Alymer and St. Thomas. The funding for the additional engineering fees is available within the approved project budget.

AECOM was previously retained under section 15.2(c) of the Procurement of Goods and Services Policy to undertake the project design services and contract administration. Due to the additional work noted above, it is recommended that AECOM's fees be increased by \$30,000 (excluding H.S.T.) in order to complete the work.

CONCLUSION

It is recommended that the engineering fees for the Elgin Middlesex Pumping Station Pump Upgrades Project be increased. The use of AECOM to complete the remainder of engineering services for this project is in the best financial and technical interests of the City.

Acknowledgements:

This report was prepared by Patricia Lupton, P.Eng. Environmental Services Engineer, Water Engineering Division.

SUBMITTED BY:	REVIEWED & CONCURRED BY:
SCOTT MATHERS, P. ENG. DIVISION MANAGER WATER ENGINEERING	SCOTT MATHERS, P. ENG. DIRECTOR, WATER AND WASTEWATER
RECOMMENDED BY:	
KELLY SCHERR, P.ENG., MBA, FEC MANAGING DIRECTOR, ENVIRONMENTAL & ENGINEERING SERVICES & CITY ENGINEER	

July 20, 2017

PAL/jrg

Attach: Appendix "A" – Sources of Financing
Appendix 'B' – Project Location Map

c.c. John Simon
Andrew Henry
AECOM
John Freeman
Gary McDonald