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**TO:** CITY MANAGER **DATE:** 2009 October 20

**FROM:** DIRECTOR ENGINEERING **FILE:** 9110 20  
*Reference: Curtis-Duthie*

**SUBJECT: CURTIS-DUTHIE WATER PUMP STATION**

**PURPOSE:** To seek Council's approval to enter into an agreement with Kerr Wood Leidel for engineering services related to the design of a new Curtis-Duthie water pump station.

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**RECOMMENDATION:**

1. **THAT** Staff be authorized to retain Kerr Wood Leidel for engineering services related to the design of a new Curtis-Duthie water pump station, at an estimated cost of \$260,000 (inclusive of 5% GST), as outlined in this report.

**REPORT**

The existing Curtis-Duthie water pump station was constructed in 1979 to supply water to the Pandora and Curtis-Duthie neighbourhood. A recent study of the existing station with respect to future growth, including ongoing development in the Burnaby Mountain area, concluded that the station and equipment are aging and undersized and must be upgraded to meet future needs.

Council, at its regular meeting of 2009 October 05, received a report from the Director Engineering and directed staff to enter into a cost-sharing agreement with Simon Fraser University for the design and construction of the proposed replacement for the Curtis-Duthie pump station.

During the initial planning stages, staff requested proposals from three qualified engineering consultants for the required design services.

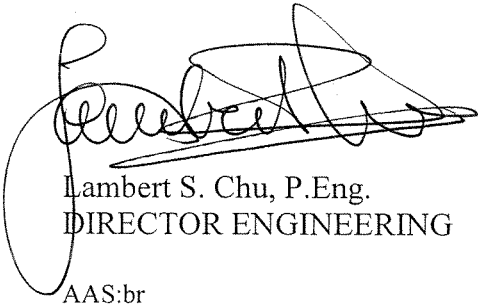
The proposals were reviewed with respect to project team experience, work methodology, past performance and costs. The review indicated that the Kerr Wood Leidel proposal is competitive and provides the best overall value to the City.

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Additionally, Kerr Wood Leidel has assembled a team of sub-consultants with a range of architecture, landscape and urban design experience that will ensure the proposed station meets the environmental sustainability best practices standards and is fully integrated into the neighbourhood. It is our recommendation, therefore, that an engineering assignment for design be awarded to Kerr Wood Leidel, at a total estimated cost of \$260,000 including all fees, disbursements, GST and a small contingency. The Purchasing Manager concurs with this recommendation.

Engineering designs will be undertaken upon award of the assignment and continue throughout next year, with construction scheduled to commence mid 2010.

Funding for the engineering services is included in the Water Utility component of the 2009 Annual Financial Plan. Additional funding for the construction phase, estimated at \$2.8 Million, will be included in the 2010 Provisional Financial Plan.



Lambert S. Chu, P.Eng.  
DIRECTOR ENGINEERING

AAS:br  
Copied to: City Solicitor  
Director Finance  
Purchasing Manager