

Report to Civic Works Committee

To: Chair and Members
Civic Works Committee
From: Kelly Scherr, P.Eng., MBA, FEC
Deputy City Manager, Environment, and Infrastructure
Subject: Pond Mills Pumping Station Single Source Pump Purchase
Date: October 2, 2024

Recommendation

That on the recommendation of the Deputy City Manager, Environment and Infrastructure, the following actions **BE TAKEN** with respect to the single source purchase of a Flowserve pump for the Pond Mills Pumping Station under Section 14.4(d) of the City's Procurement of Goods and Services Policy:

- (a) the price submitted by Directrik Inc. of \$69,268.00, CAD, excluding HST, for the supply of one vertical turbine pump **BE ACCEPTED**;
- (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 purchase;
- (d) the approval given, herein, **BE CONDITIONAL** upon the Corporation entering into a formal contract; and
- (e) the Mayor and City Clerk **BE AUTHORIZED** to execute any contract or other documents, if required, to give effect to these recommendations.

Executive Summary

The Pond Mills Pumping Station, in conjunction with the Springbank and Westmount Pumping Stations, boosts water pressures in the South London High Level Zone to ensure end users have acceptable water pressure abiding to both Provincial and City of London standards. Pump 2, a 75 HP pump at the Pond Mills Pumping Station, is in need of replacement and the station itself is nearing capacity.

This report recommends the single source procurement of Flowserve brand pump with a 100 HP motor to replace Pump 2, which will subsequently increase the pumping station's capacity.

Linkage to the Corporate Strategic Plan

This recommendation supports the following 2023-2027 Strategic Plan areas of focus:

- Climate Action and Sustainable Growth:
 - The infrastructure gap is managed for all assets;
 - London's infrastructure is built, maintained, and secured to support future growth and protect the environment.

Analysis

1.0 Background Information

1.1 Previous Reports Related to this Matter.

None.

1.2 Project Overview

In January 2024, City of London Water Operations staff observed water leaking from Pump 2, a 75 HP pump, at the Pond Mills Pumping Station. It was also noted by staff that Pumps 1 and 2 at the station were running at 96% to meet midmorning water demand. Needing to address both Pump 2's leak and the station's capacity, City staff determined that Pump 2 must be replaced with an upsized pump.

Stantec Consulting Ltd. was appointed, under Section 15.2 (c) of the City's Procurement of Goods and Services Policy, to undertake the design and contract administration of the Pump 2 replacement.

2.0 Discussion and Considerations

2.1 Pump Selection

Stantec assessed the requirements for the station and determined that one suitable replacement for Pump 2 would be a Flowserve Vertical Turbine Pump with a 100 HP motor. Flowserve pumps are common within the City of London's municipal water system. Selecting a pump brand which is common in the system increases operational efficiency, as staff are already trained on servicing the pump and spare parts are readily available. Therefore, this report recommends the single source procurement of a Flowserve pump.

3.0 Financial Impact/Considerations

3.1 Procurement Process

Directrik Inc. is the sole authorized distributor for Flowserve to the municipal market in Ontario. Stantec, on behalf of the City, issued a request for quotation to Directrik for the single source purchase of the in accordance with Section 14.4 (d) of the City's Procurement of Goods and Services Policy. The quote received for the purchase of the pump from Directrik was \$69,268.00 (excluding HST).

Conclusion

To remedy the issue with Pump 2 and increase Pond Mills Pumping Station's capacity to meet growing demand, Pump 2 must be replaced. Due to the benefits of selecting a pump brand common in the City's system, it is recommended that staff proceed with the procurement of the identified pump as a single source purchase.

Prepared by:	Johnny Bowes Division Manager, Water Operations
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Recommended by:	Kelly Scherr, P.Eng., MBA, FEC Deputy City Manager, Environment, and Infrastructure

Appendix 'A' – Source of Financing