

**B. M. ROSS AND ASSOCIATES LIMITED**  
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File No. 19014

**VIA EMAIL ONLY**

December 3, 2020

Gregg Furtney, Director of Operations  
 Municipality of Brockton  
 100 Scott Street, P.O. Box 68,  
 Walkerton, ON N0G 2V0

**RE: Municipality of Brockton  
 Quotation – Pre-Selected Pumps;  
 Walker West Booster Pumping Station**

Pump pre-selection documents were sent to two pump suppliers and one quotation has been received and reviewed for the horizontal centrifugal split-case pumps (high demand) and vertical multi-stage pumps (normal demand) for the Walker West Booster Pumping Station. A summary of the quotation received, and our comments follow.

<b>Supplier (Manufacturer)</b>	<b>Price (Incl. HST)<sup>1</sup></b>	<b>Delivery (weeks after P.O.)</b>	<b>Country of Origin</b>	<b>Model</b>
Interpump Supply Ltd. (Xylem/Goulds)	\$92,311.96	2 x High Demand Pumps – 23-25	USA	e-XC8x10x10 (High Demand – 40 hp)
		3 x Normal Demand Pumps – 9-10		22SV6RF8E60 (Normal Demand – 3 hp)

Notes: 1. Price shown is for five pumps total; two high demand pumps and three normal demand pumps.

We have reviewed the quotation and note that each pump model lists deviations from the specification. The deviations noted by Interpump have been reviewed and we believe they are minor in nature and therefore acceptable.

With respect to pump performance, the supplier has provided pump curves for their proposed units identifying that the design points provided in the specifications will be achieved for each unit. Pumps will have the ability to be operated by variable frequency drives in order to adjust flow rate and pressure accordingly. The pumping station will have pressure tanks installed that will maintain a specified pressure range in the new pressure zone during normal demand operation scenarios.

The design points are listed below:

High Demand Pumps (one duty + one standby arrangement; these are for fire flow)

- 157 L/s @ 250 kPa
- 74 L/s @ 350 kPa

Normal Demand Pumps (two duty + one standby arrangement)

- 1.4 L/s @ 350 kPa (single pump minimum capacity required)
- 8.4 L/s @ 350 kPa (dual pump maximum capacity required)

Other general observations regarding the proposed units include:

- 12-month extended warranty is included for a total of 24-month warranty.
- The proposed motor size for each high demand pump model is 40 hp and for each normal demand pump model is 3 hp.
- The bid pricing is in line with the most recent budget amount.

We have dealt with Interpump on several projects, and we note they have many Ontario installations. We believe that the pumps proposed by Interpump will provide satisfactory performance for this application and we therefore recommend acceptance of the Interpump bid for this project.

Please let me know at your earliest convenience if you are in agreement with the recommendation, and we will send a letter to Interpump confirming of what is required by the Municipality to initiate the purchasing process.

If you have any questions or comments regarding our review of this quotation, please do not hesitate to contact us.

Yours very truly

B. M. ROSS AND ASSOCIATES LIMITED

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Brock V.C. Spencer, P. Eng.

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