


**CITY OF MARYSVILLE AGENDA BILL**

**EXECUTIVE SUMMARY FOR ACTION**

**CITY COUNCIL MEETING DATE: 09/12/2016**

<b>AGENDA ITEM:</b>	
Soper Hill Pump Station - replacement pump	
<b>PREPARED BY:</b>	<b>DIRECTOR APPROVAL:</b> 
Jason Crain, WWTP Maintenance Lead	
<b>DEPARTMENT:</b>	
Public Works	
<b>ATTACHMENTS:</b>	
Quote for purchase	
<b>BUDGET CODE:</b>	<b>AMOUNT:</b>
40142280.548000	\$65,518.02
<b>SUMMARY:</b>	

There are two existing pumps at the Soper Hill Pump Station each capable of pumping 1,255 gallons per minute in high speed. During high flow scenarios at the Pump Station, both pumps are called to run. The City recently had a seal fail in one of the existing pumps and the cost and time (3 months) to repair the pump created a burden on the City and created a scenario with the potential to overflow sewage from the wet well into right-of-way, private property and the adjacent creek during high flows or in a case of a failure of the one operable pump.

The two existing pumps at Soper Hill Pump Station are Hidrostral screw centrifugal pumps with a fiberglass prerotation basin. The purchase of a new Hidrostral screw centrifugal pump would allow the City to install the replacement pump with the existing fiberglass prerotation basin design. It will also give the City redundancy and the time for needed repairs and replacements would no longer be a concern. APSCO, LLC. is the sole source for Hidrostral screw centrifugal pumps.

**RECOMMENDED ACTION:**

Staff recommends that Council authorize the Mayor to approve the purchase of the Soper Hill pump replacement in the amount of \$65,518.02.



**APSCO, LLC**

PO Box 2639 • Kirkland, WA 98083-2639  
 PH: (425) 822-3335 • FAX: (425) 827-6171  
 EMAIL: apSCO@apSCO-llc.com  
 www.apSCO-llc.com

**Quote**

Date	Quote #
4/15/2016	2609 - RV2

Invoice/Bill To
City of Marysville Public Works Department 80 Columbia Avenue Marysville, WA 98270

Ship To
City of Marysville WWTP Attn: Jason Crain 80 Columbia Avenue Marysville, WA 98270

Contact:	Payment Terms	FOB
Jason Crain	Net 30	AURORA, IL

Item	Description	Qty	Lead Time	Cost	Total
F4K-S	*****Marysville Replacement Pump- 8x4 Model F4K-S-FE5B5 Serial No. 02DW03680-01,-02 #121160 F4K-S REGULABLE WET END, HICHROME CONSTRUCTION, MAT 4, IMMERSIBLE MOTOR, (60.4/20.9HP SF 1.0) 1780/1192RPM, STANDARD OIL COOLING, 52.5 FEET CABLE, FM, 460V. FE5B5-MIAK1+XD1C7MM-10 (F4KS4R+ FE5B5-MIAK1+XD1C7MM-10)  Pump Type: IMMERSIBLE/SUBMERSIBLE PUMP Pump Size: F4K Pump Impeller: F4K-S Wet End Type: REGULABLE Stainless Steel: NO Wet End Material: HI-CHROME CONSTRUCTION Volute Casing Material: CAST IRON A45CL30 Impeller Material: HI-CHROME A532-III-A Liner Material:HI-CHROME A532-III-A Suction Casing/Cover Material: CAST IRON A45CL30 Wear Ring Material: N/A Impeller Flange Material: DUCTILE IRON A536-80-55-06 Motor: IMMERSIBLE MOTOR, (60.4/20.9HP SF 1.0), 1780/1192RPM, STANDARD OIL COOLING,	1	12-14 WEEKS ARO	57,000.00	57,000.00T

Prices are subject to change without notice.	<b>Subtotal</b>
	<b>Sales Tax (9.1%)</b>
	<b>Total</b>



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Item	Description	Qty	Lead Time	Cost	Total
	52.5 FEET CABLE, FM, 460V, FESB5-MIAK1+XD1C7MM-10 Shaft Material: STEEL AISI1045 Sealing Type: PUMP SIDE: TYPE M, RUBBER BOOTED SINGLE SPRING SEAL, SC/TC Sealing Type: MOTOR SIDE: TYPE F, RUBBER BELLOWS SINGLE SPRING SEAL, SC/C  F4K Fast Out Assembly: (Guide Shoe, 1 Top Mounting Bracket, Fast-Out Discharge) LIFTING CHAIN STANDARD COMPLETE WITH GRAB LINK 15' SS CHAIN ADDER SUCTION BELLMOUTH GALVANIZED STEEL  TNEMEC N69 STANDARD 2 PART PAINT [F4K MODEL]  TESTING INCLUDED: STANDARD 5 POINT PERFORMANCE TEST HYDROSTATIC TEST				
Freight	Freight	1		1,220.00	1,220.00T
Start-up Service	Start-up Services*NOT INCLUDED	1		0.00	0.00T
				<b>Subtotal</b>	\$58,220.00
				<b>Sales Tax (9.1%)</b>	\$5,298.02
				<b>Total</b>	\$63,518.02

Prices are subject to change without notice.