


CITY OF MARYSVILLE AGENDA BILL

EXECUTIVE SUMMARY FOR ACTION

CITY COUNCIL MEETING DATE: April 8, 2019

AGENDA ITEM: Contract Award - WWTP Headworks Retrofit									
PREPARED BY: Patrick Gruenhagen	DIRECTOR APPROVAL: 								
DEPARTMENT: Public Works (Engineering)									
ATTACHMENTS: Certified Bid Tabulation									
BUDGET CODE: 40230594.563000 S1503	AMOUNT: \$4,246,754.44								
<p>SUMMARY: The WWTP Headworks Retrofit Project calls for a comprehensive upgrade of the Wastewater Treatment Plant headworks facility, including demolition of the existing screens, washer/compactor, Parshall flume, controls, and overflow pipeline; filling a portion of Lagoon Cell 1A; rehabilitation of the influent screw pumps and re-grouting the screw pump channels; and installation of new screens and washer/compactors.</p> <p>Bids for the project were received on March 5, 2019, and publicly read aloud. A total of three (3) bid proposals were received, with bids ranging from \$3,925,014.91 to \$4,587,492.00 including Washington State Sales Tax (WSST). By contrast, the Engineer’s Estimate for the Project specified a range from \$4.77 Million to \$4.92 Million including WSST. Engineering Staff have checked the references listed for the apparent low, responsive bidder, McClure & Sons, Inc., received satisfactory comments, and thereby determined that McClure & Sons Inc. is in fact a responsible bidder. Staff therefore recommends Award to the apparent low bidder, McClure & Sons, Inc., in the amount of \$3,950,469.25 including WSST. Staff also recommends that Council authorize a 7.5% Management Reserve as noted below, which would allow the City to react quickly and decisively in managing unanticipated changes that may arise during construction.</p> <table border="0"> <tr> <td>Contract Bid (Includes 9.2% Sales Tax):</td> <td align="right">\$3,946,854.91</td> </tr> <tr> <td>Adjustment (4/1/19 Sales Tax Increase to 9.3%)*:</td> <td align="right">\$ 3,614.34</td> </tr> <tr> <td>Management Reserve:</td> <td align="right"><u>\$ 296,285.19</u></td> </tr> <tr> <td>Total Allocation:</td> <td align="right">\$4,246,754.44</td> </tr> </table> <p><i>* Note that a one tenth of one percent sales tax increase – for emergency communication systems and facilities – became effective in Snohomish County on April 1, 2019.</i></p> <p>Staff notes that bidders were required to include three “bid alternates” for headworks screening equipment – identified as Bid Items 10, 10A and 10B within the accompanying Certified Bid Tabulation. Considered integral to the overall operation of the headworks, screens capture trash and debris so that it does not enter the lagoons, thereby eliminating the need for future screening of biosolids while simultaneously reducing wear and tear on other plant infrastructure, such as the lagoon aerators. After careful review and consideration of the three manufacturers’ alternate screen designs, Staff has concluded that the City would be best served by selecting the screen equipment manufactured by Huber Technology (BI 10B).</p>		Contract Bid (Includes 9.2% Sales Tax):	\$3,946,854.91	Adjustment (4/1/19 Sales Tax Increase to 9.3%)*:	\$ 3,614.34	Management Reserve:	<u>\$ 296,285.19</u>	Total Allocation:	\$4,246,754.44
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Total Allocation:	\$4,246,754.44								
<p>RECOMMENDED ACTION: Staff recommends that Council authorize the Mayor to sign and execute the attached contract with McClure & Sons, Inc. (Alternate B Bid – Huber Technology screens) in the amount of \$3,950,469.25 including Washington State Sales Tax and approve a 7.5% Management Reserve of \$296,285.19, for a total allocation of \$4,246,754.44</p>									

Certified Bid Tabulation - Marysville WWTP Headworks Retrofit

Bid Opening: March 5, 2019 at 10:30 a.m.

Item No	Bid Item Description	Unit	Approx. Qty.	Engineer's Estimate		Boss Construction		McClure & Sons		IMCO Construction	
				Unit Price	Extended Amt.	Unit Price	Extended Amt.	Unit Price	Extended Amt.	Unit Price	Extended Amt.
1	Mobilization/Demobilization, Bonds and Insurance	LS	1	\$288,321.96	\$288,321.96	\$417,780.00	\$417,780.00	\$250,000.00	\$250,000.00	\$400,000.00	\$400,000.00
2	Excavation Safety	LS	1	\$80,524.78	\$80,524.78	\$2,180.00	\$2,180.00	\$10,000.00	\$10,000.00	\$5,000.00	\$5,000.00
3	General Site Work	LS	1	\$467,890.20	\$467,890.20	\$134,296.00	\$134,296.00	\$275,000.00	\$275,000.00	\$150,000.00	\$150,000.00
4	Lagoon Fill	LS	1	\$209,499.54	\$209,499.54	\$186,908.00	\$186,908.00	\$160,000.00	\$160,000.00	\$185,000.00	\$185,000.00
5	Palmer-Bowlus Flume Manhole Bypass Pumping	LS	1	\$51,341.30	\$51,341.30	\$35,534.00	\$35,534.00	\$55,000.00	\$55,000.00	\$75,000.00	\$75,000.00
6	Palmer-Bowlus Flume Manhole Replacement	LS	1	\$95,792.07	\$95,792.07	\$103,169.00	\$103,169.00	\$180,000.00	\$180,000.00	\$80,000.00	\$80,000.00
7	Headworks Bypass	LS	1	\$142,674.78	\$142,674.78	\$182,760.00	\$182,760.00	\$175,000.00	\$175,000.00	\$80,000.00	\$80,000.00
8	Influent Screw Pump Upgrades	LS	1	\$678,109.19	\$678,109.19	\$540,335.00	\$540,335.00	\$435,000.00	\$435,000.00	\$735,000.00	\$735,000.00
9	Headworks Screen Upgrades	LS	1	\$361,956.20	\$361,956.20	\$363,944.00	\$363,944.00	\$310,000.00	\$310,000.00	\$385,000.00	\$385,000.00
10	Headworks Screen Equipment (Base Bid EnviroCare, Section 11150)	LS	1	\$605,286.96	\$605,286.96	\$583,150.00	\$583,150.00	\$588,500.00	\$588,500.00	\$535,000.00	\$535,000.00
10A	Headworks Screen Equipment (Kusters Water, Section 11150)	LS	1	\$470,147.00	\$470,147.00	\$253,970.00	\$253,970.00	\$332,000.00	\$332,000.00	\$302,000.00	\$302,000.00
10B	Headworks Screen Equipment (Huber Technology, Section 11150)	LS	1	\$475,000.00	\$475,000.00	\$234,350.00	\$234,350.00	\$352,000.00	\$352,000.00	\$320,000.00	\$320,000.00
11	Influent Flow Measurement and Splitter Upgrades	LS	1	\$105,475.98	\$105,475.98	\$26,356.00	\$26,356.00	\$165,000.00	\$165,000.00	\$30,000.00	\$30,000.00
12	Odor Control System	LS	1	\$172,956.02	\$172,956.02	\$125,917.00	\$125,917.00	\$200,000.00	\$200,000.00	\$210,000.00	\$210,000.00
13	Non-Potable Water System Upgrades	LS	1	\$101,395.90	\$101,395.90	\$132,715.00	\$132,715.00	\$130,000.00	\$130,000.00	\$165,000.00	\$165,000.00
14	Power Infrastructure Upgrades	LS	1	\$715,929.35	\$715,929.35	\$803,755.00	\$803,755.00	\$506,336.00	\$506,336.00	\$635,000.00	\$635,000.00
15	Communications and Console Upgrades	LS	1	\$273,118.85	\$273,118.85	\$285,580.00	\$285,580.00	\$240,000.00	\$240,000.00	\$305,000.00	\$305,000.00
16	Headworks Overflow	LS	1	\$104,179.61	\$104,179.61	\$197,484.00	\$197,484.00	\$125,000.00	\$125,000.00	\$180,000.00	\$180,000.00
17	Additional Crushed Surfacing Top Course	CY	350	\$62.73	\$21,955.01	\$56.43	\$19,750.50	\$60.00	\$21,000.00	\$60.00	\$21,000.00
18	Minor Changes	LS	1	\$25,000.00	\$25,000.00	\$25,000.00	\$25,000.00	\$25,000.00	\$25,000.00	\$25,000.00	\$25,000.00
Base Bid Subtotal					\$4,501,407.69		\$4,166,613.50		\$3,850,836.00		\$4,201,000.00
9.2% Sales Tax					\$414,129.51		\$383,328.44		\$354,276.91		\$386,492.00
BASE BID TOTAL					\$4,915,537.20		\$4,549,941.94		\$4,205,112.91		\$4,587,492.00
Alternate A Subtotal					\$4,366,267.74		\$3,837,433.50		\$3,594,336.00		\$3,968,000.00
9.2% Sales Tax					\$401,696.63		\$353,043.88		\$330,678.91		\$365,056.00
ALTERNATE A TOTAL					\$4,767,964.37		\$4,190,477.38		\$3,925,014.91		\$4,333,056.00
Alternate B Total					\$4,371,120.74		\$3,817,813.50		\$3,614,336.00		\$3,986,000.00
9.2% Sales Tax					\$402,143.11		\$351,238.84		\$332,518.91		\$366,712.00
ALTERNATE B TOTAL					\$4,773,263.85		\$4,169,052.34		\$3,946,854.91		\$4,352,712.00

LOW



We hereby certify that this bid tabulation represents all bids received and that all calculations have been checked and are correct. (Highlighed entries denote math correction made.)

