

**CITY OF MARYSVILLE AGENDA BILL**

**EXECUTIVE SUMMARY FOR ACTION**

**CITY COUNCIL MEETING DATE: July 9, 2018**

<b>AGENDA ITEM:</b>	
Contract Award - Highway 9 Exploratory Well	
<b>PREPARED BY:</b>	<b>DIRECTOR APPROVAL:</b>
Karen Latimer, Utility Manager	
<b>DEPARTMENT:</b>	
Public Works	
<b>ATTACHMENTS:</b>	
Certified Bid Tab, Vicinity Map	
<b>BUDGET CODE:</b>	<b>AMOUNT: \$961,679.51</b>
40220594.563000, W1802	
<b>SUMMARY:</b>	

The Highway 9 Exploratory Well project consists of drilling, construction and testing of a large-diameter exploratory well up to 1,000 feet in depth. If successful, this well will become a municipal production well yielding up to 1,000 gallons per minute.

The project was advertised on June 16<sup>th</sup> and 23<sup>rd</sup> with a bid opening date of July 2, 2018. The City received two bids as shown on the attached certified bid tabulation. The low bidder was Holt Services Inc. at \$857,135.06. The engineer's estimate is \$635,962.09. References have been checked and found to be satisfactory.

Contract Bid: \$857,135.06  
Management Reserve: \$104,544.45  
Construction Total: \$961,679.51

**RECOMMENDED ACTION:**

Staff recommends that City Council authorize the Mayor to sign and execute the Highway 9 Exploratory Well contract with Holt Services Inc. in the amount of \$857,135.06 including Washington State Sales Tax and approve a management reserve of \$104,544.45 for a total allocation of \$961,679.51.



# HIGHWAY 9 EXPLORATORY WELL PROJECT #: 40220594.563000.W1802

Certified Bid Tab  
7/3/2018

Base Bid	Item	Description	Quantity	Units	Engineer's Estimate		Apparent Low Bid Holt Services Inc.		Schneider Water Services	
					Unit Prices	Total Price	Unit Prices	Total Price	Unit Prices	Total Price
	1	Mobilization/Demobilization	LS	1.00	\$15,000.00	\$15,000.00	\$75,000.00	\$75,000.00	\$164,000.00	\$164,000.00
	2	Site Work and Temporary Erosion and Sediment Control	LS	1.00	\$5,000.00	\$5,000.00	\$12,500.00	\$12,500.00	\$9,000.00	\$9,000.00
	3	Construction Records and As-Builts	LS	1.00	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00	\$2,500.00	\$2,500.00
	4	Furnish and Install 24-inch Diameter Sanitary Seal	LF	30.00	\$750.00	\$22,500.00	\$500.00	\$15,000.00	\$750.00	\$22,500.00
	5	20-inch Diameter Well Drilling	LF	270.00	\$200.00	\$54,000.00	\$250.00	\$67,500.00	\$300.00	\$81,000.00
	6	Furnish and Install 20-inch Diameter Well Casing	LF	300.00	\$185.00	\$55,500.00	\$135.00	\$40,500.00	\$120.00	\$36,000.00
	7	16-inch Diameter Well Drilling	LF	300.00	\$150.00	\$45,000.00	\$165.00	\$49,500.00	\$230.00	\$69,000.00
	8	Furnish and Install 16-inch Diameter Well Casing	LF	600.00	\$100.00	\$60,000.00	\$110.00	\$66,000.00	\$100.00	\$60,000.00
	9	12-inch Diameter Well Drilling	LF	400.00	\$100.00	\$40,000.00	\$275.00	\$110,000.00	\$150.00	\$60,000.00
	10	Furnish and Install 12-inch Diameter Well Casing	LF	450.00	\$95.00	\$42,750.00	\$125.00	\$56,250.00	\$85.00	\$38,250.00
	11	Mean of 6 Bid Item 11 Alternatives	NA	NA	NA	\$15,666.67	NA	\$15,166.67	NA	\$15,616.67
	11A	Furnish 12-inch Diameter Telescoping Well Screen	LF	50.00	\$100.00	\$5,000.00	\$300.00	\$15,000.00	\$240.00	\$12,000.00
	11B	Furnish 16-inch Diameter Telescoping Well Screen	LF	50.00	\$400.00	\$20,000.00	\$350.00	\$17,500.00	\$380.00	\$19,000.00
	11C	Furnish 20-inch Diameter Telescoping Well Screen	LF	40.00	\$600.00	\$24,000.00	\$400.00	\$16,000.00	\$480.00	\$19,200.00
	11D	Furnish 8-inch Diameter Telescoping Well Screen	LF	50.00	\$200.00	\$10,000.00	\$200.00	\$10,000.00	\$155.00	\$7,750.00
	11E	Furnish 12-inch Diameter Well Screen	LF	50.00	\$300.00	\$15,000.00	\$300.00	\$15,000.00	\$265.00	\$13,250.00
	11F	Furnish 16-inch Diameter Well Screen	LF	50.00	\$400.00	\$20,000.00	\$350.00	\$17,500.00	\$450.00	\$22,500.00
	12	Mean of 6 Bid Item 12 Alternatives	NA	NA	NA	\$7,166.67	NA	\$10,500.00	NA	\$7,383.33
	12A	Furnish and Assemble Riser Pipe and Tail Pipe with Bail Bottom for 12-inch Diameter Telescoping Well Screen Assembly	LS	1.00	\$4,000.00	\$4,000.00	\$10,000.00	\$10,000.00	\$6,000.00	\$6,000.00
	12B	Furnish and Assemble Riser Pipe and Tail Pipe with Bail Bottom for 16-inch Diameter Telescoping Well Screen Assembly	LS	1.00	\$7,000.00	\$7,000.00	\$11,000.00	\$11,000.00	\$7,000.00	\$7,000.00
	12C	Furnish and Assemble Riser Pipe and Tail Pipe with Bail Bottom for 20-inch Diameter Telescoping Well Screen Assembly	LS	1.00	\$9,000.00	\$9,000.00	\$13,500.00	\$13,500.00	\$8,200.00	\$8,200.00
	12D	Furnish and Assemble Riser Pipe and Tail Pipe with Bail Bottom for 8-inch Diameter Well Screen Assembly	LS	1.00	\$4,000.00	\$4,000.00	\$7,500.00	\$7,500.00	\$6,300.00	\$6,300.00
	12E	Furnish and Assemble Riser Pipe and Tail Pipe with Bail Bottom for 12-inch Diameter Well Screen Assembly	LS	1.00	\$7,000.00	\$7,000.00	\$10,000.00	\$10,000.00	\$7,800.00	\$7,800.00
	12F	Furnish and Assemble Riser Pipe and Tail Pipe with Bail Bottom for 16-inch Diameter Well Screen Assembly	LS	1.00	\$12,000.00	\$12,000.00	\$11,000.00	\$11,000.00	\$9,000.00	\$9,000.00
	13	Mean of 6 Bid Item 13 Alternatives	NA	NA	NA	\$21,333.33	NA	\$18,125.00	NA	\$13,475.00
	13A	Well Screen Assembly Installation 12-inch Diameter Casing - Naturally Developed Well	LF	55.00	\$400.00	\$22,000.00	\$300.00	\$16,500.00	\$115.00	\$6,325.00
	13B	Well Screen Assembly Installation 16-inch Diameter Casing - Naturally Developed Well	LF	55.00	\$400.00	\$22,000.00	\$350.00	\$19,250.00	\$135.00	\$7,425.00
	13C	Well Screen Assembly Installation 20-inch Diameter Casing - Naturally Developed Well	LF	45.00	\$400.00	\$18,000.00	\$400.00	\$18,000.00	\$330.00	\$14,850.00



# HIGHWAY 9 EXPLORATORY WELL PROJECT #: 40220594.563000.W1802

Certified Bid Tab  
7/3/2018

Base Bid	Item	Description	Quantity	Units	Engineer's Estimate		Apparent Low Bid Holt Services Inc.		Schneider Water Services	
					Unit Prices	Total Price	Unit Prices	Total Price	Unit Prices	Total Price
	13D	Well Screen Assembly Installation 12-inch Diameter Casing and 8-inch Diameter Well Screen Assembly - Filter Pack Well	LF	55.00	\$400.00	\$22,000.00	\$300.00	\$16,500.00	\$270.00	\$14,850.00
	13E	Well Screen Assembly Installation 16-inch Diameter Casing and 12-inch Diameter Well Screen Assembly - Filter Pack Well	LF	55.00	\$400.00	\$22,000.00	\$300.00	\$16,500.00	\$320.00	\$17,600.00
	13F	Well Screen Assembly Installation 20-inch Diameter Casing and 16-inch Diameter Well Screen Assembly - Filter Pack Well	LF	55.00	\$400.00	\$22,000.00	\$400.00	\$22,000.00	\$360.00	\$19,800.00
	14	Well Head	LS	1.00	\$2,000.00	\$2,000.00	\$2,000.00	\$2,000.00	\$2,500.00	\$2,500.00
	15	Well Development and Other Authorized Work	HR	80.00	\$500.00	\$40,000.00	\$375.00	\$30,000.00	\$260.00	\$20,800.00
	16	Furnish, Install, and Remove Test Pump	LS	1.00	\$20,000.00	\$20,000.00	\$15,000.00	\$15,000.00	\$29,000.00	\$29,000.00
	17	Furnish, Install, and Remove Discharge Pipe	LS	1.00	\$5,000.00	\$5,000.00	\$7,500.00	\$7,500.00	\$18,000.00	\$18,000.00
	18	Pump Test Operation	HR	28.00	\$250.00	\$7,000.00	\$325.00	\$9,100.00	\$275.00	\$7,700.00
	19	Force Account	FA	1.00	\$25,000.00	\$25,000.00	\$25,000.00	\$25,000.00	\$25,000.00	\$25,000.00
<b>BASE BID TOTAL</b>						<b>\$483,916.67</b>		<b>\$625,641.67</b>		<b>\$681,725.00</b>
<b>SALES TAX @ 9.1%</b>						<b>\$44,036.42</b>		<b>\$56,933.39</b>		<b>\$62,036.98</b>
<b>TOTAL BID</b>						<b>\$527,953.08</b>		<b>\$682,575.06</b>		<b>\$743,761.98</b>

**Bid Additives**

Item	Description	Quantity	Units	Unit Prices	Total Price	Unit Prices	Total Price	Unit Prices	Total Price
20	Sealing of 12-inch Diameter Boring	LF	400.00	\$50.00	\$20,000.00	\$125.00	\$50,000.00	\$60.00	\$24,000.00
21	Sealing of 16-inch Diameter Boring	LF	300.00	\$90.00	\$27,000.00	\$150.00	\$45,000.00	\$83.00	\$24,900.00
22	Sealing of 20-inch Diameter Boring	LF	300.00	\$140.00	\$42,000.00	\$200.00	\$60,000.00	\$112.00	\$33,600.00
23	Remobilization/Demobilization	LS	1.00	\$10,000.00	\$10,000.00	\$5,000.00	\$5,000.00	\$23,300.00	\$23,300.00
<b>BASE ADDITIVE TOTAL</b>					<b>\$99,000.00</b>		<b>\$160,000.00</b>		<b>\$105,800.00</b>
<b>SALES TAX @ 9.1%</b>					<b>\$9,009.00</b>		<b>\$14,560.00</b>		<b>\$9,627.80</b>
<b>TOTAL BID ADDITIVE</b>					<b>\$108,009.00</b>		<b>\$174,560.00</b>		<b>\$115,427.80</b>
<b>TOTAL BASE BID + BID ADDITIVE</b>					<b>\$635,962.08</b>		<b>\$857,135.06</b>		<b>\$859,189.78</b>



FIGURE 1

HIGHWAY 9 EXPLORATORY WELL PROJECT LOCATION MAP

