

City of Beaverton
BID TABULATION

Aquifer Storage and Recovery (ASR) No. 3 Well Drilling Project, Solicitation #3465-19B
 Opened on March 13, 2019 at 2:00 PM

ITEM NO	DESCRIPTION	QTY	UNIT	Schneider Water Services - Saint Paul, OR		Holt Services, Inc. - Milton, WA		Yellow Jacket Drilling Services, LLC - Phoenix, AZ	
				UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
Pre-Drilling Activity – ASR 3 Pilot Well									
1	Dislodge or remove the sanitary seal plate in the ASR 3 Pilot Well at 480 feet below ground surface (ft bgs). This line item also includes a 3 week period after removal of the plate for finalizing the irrigation well design before physical drilling can begin at this site. This line item also includes a video log of the ASR Pilot Well over its entire length (1,000 ft) after the obstruction is cleared.	1	LS	\$ 45,000.00	\$ 45,000.00	\$ 27,227.00	\$ 27,227.00	\$ 33,800.00	\$ 33,800.00
General Irrigation Well									
2	Erosion Control	1	LS	\$ 10,000.00	\$ 10,000.00	\$ 86,856.00	\$ 86,856.00	\$ 50,200.00	\$ 50,200.00
3	Water Management	1	LS	\$ 30,000.00	\$ 30,000.00	\$ 40,192.00	\$ 40,192.00	\$ 50,200.00	\$ 50,200.00
Test Well Drilling and Installation									
4	Drill 20-inch from ground to 200 ft bgs.	200	LF	\$ 250.00	\$ 50,000.00	\$ 367.00	\$ 73,400.00	\$ 423.00	\$ 84,600.00
5	Furnish and install 16-inch nominal 0.375-inch wall low carbon steel casing	200	LF	\$ 120.00	\$ 24,000.00	\$ 120.00	\$ 24,000.00	\$ 204.00	\$ 40,800.00
6	Install cement grout seal for 16-inch casing.	200	LF	\$ 115.00	\$ 23,000.00	\$ 136.00	\$ 27,200.00	\$ 39.00	\$ 7,800.00
7	Drill 16-inch nominal from 200 ft bgs to 600 ft bgs using RC drilling method.	400	LF	\$ 190.00	\$ 76,000.00	\$ 413.00	\$ 165,200.00	\$ 291.00	\$ 116,400.00
8	Drill 12-inch nominal from 600 ft bgs to 1,000 ft bgs using RC drilling methods.	400	LF	\$ 140.00	\$ 56,000.00	\$ 361.00	\$ 144,400.00	\$ 244.00	\$ 97,600.00
9	Install 14-inch Pipe Size (P) stainless steel wire wrap liner with a slot size of 100 slot size from 190 to 600 feet bgs. The 10-foot overlap with the permeant casing will be blank stainless steel casing. The wire wrap liner shall also have centralizers installed every 20 feet. The top of the wire wrap liner assembly shall be equipped with a J-latch or similar device to allow the assembly to be removed from the well in the future.	410	LF	\$ 250.00	\$ 102,500.00	\$ 270.00	\$ 110,700.00	\$ 249.00	\$ 102,090.00
10	Conduct well development.	8	Hours	\$ 650.00	\$ 5,200.00	\$ 650.00	\$ 5,200.00	\$ 800.00	\$ 6,400.00
11	Plumbness and Alignment	1	LS	\$ 3,500.00	\$ 3,500.00	\$ 11,180.00	\$ 11,180.00	\$ 2,200.00	\$ 2,200.00
12	Complete a video log of the entire borehole before the wire wrap liner assembly is installed and after the assembly is installed in the borehole. A final video log will also be completed after the final aquifer test is completed and the temporary pump is pulled.	3	LS	\$ 1,300.00	\$ 3,900.00	\$ 2,000.00	\$ 6,000.00	\$ 4,650.00	\$ 13,950.00
13	Standby time for up to 3 days.	3	Per Day	\$ 800.00	\$ 2,400.00	\$ 3,068.00	\$ 9,204.00	\$ 9,600.00	\$ 28,800.00
14	Drill rig hours – Standby Time	8	Hours	\$ 100.00	\$ 800.00	\$ 577.00	\$ 4,616.00	\$ 800.00	\$ 6,400.00
Final Basalt Aquifer Testing									
15	Furnish, install necessary equipment including temporary test pump, to complete the basalt aquifer testing	1	LS	\$ 39,000.00	\$ 39,000.00	\$ 38,500.00	\$ 38,500.00	\$ 43,000.00	\$ 43,000.00
16	Perform Step Test at the follow four steps: 250 gpm, 500 gpm, 750 gpm and 1,000 gpm. Each step shall be 2 hours long.	8	Hours	\$ 300.00	\$ 2,400.00	\$ 450.00	\$ 3,600.00	\$ 550.00	\$ 4,400.00
17	Perform constant rate pump test at up to 1,000 gpm (72 hours of pumping and up to 72 hours for recovery - no time paid for recovery).	72	Hours	\$ 180.00	\$ 12,960.00	\$ 315.00	\$ 22,680.00	\$ 900.00	\$ 64,800.00
18	Well Disinfection and completion of an above grade (3-ft stickup) well cover with an access port. Installation of three yellow-painted bollards.	1	LS	\$ 2,500.00	\$ 2,500.00	\$ 6,019.00	\$ 6,019.00	\$ 3,500.00	\$ 3,500.00
Subtotal Base Bid Amount Line Items 1 Through 18:				\$	489,160.00	\$	806,174.00	\$	756,940.00
19	Mobilization and Demobilization including all equipment and incidental items for installing and testing the new Irrigation Test well, and site prep (CANNOT total more than 15% of Base Cost for General and Site Exploration Bid Items 1 through 18 or the bid in its entirety will be rejected).	1	LS	\$ 73,374.00	\$ 73,374.00	\$ 83,954.00	\$ 83,954.00	\$ 71,629.00	\$ 71,629.00
20	“Extra Work as Authorized” means additional work tasks not specifically required or implied by the Contract that an authorized City representative specifically requests in writing for a contractor to perform. Executing a construction contract is not a specific request for a contractor to perform any additional work.	1	LS	\$ 50,000.00	\$ 50,000.00	\$ 50,000.00	\$ 50,000.00	\$ 50,000.00	\$ 50,000.00
Total Base Bid Amount Line Items 1-20				\$	612,534.00	\$	940,128.00	\$	878,569.00

ALTERNATE BID ITEM - Basalt Aquifer Testing Prior to Installation of the Liner Assembly									
A1	Furnish, install necessary equipment including temporary test pump, to complete the basalt aquifer testing in the open borehole below the seal.	1	LS	\$ 26,000.00	\$ 26,000.00	\$ 35,000.00	\$ 35,000.00	\$ 62,200.00	\$ 62,200.00
A2	Perform Step Test at the follow four steps: 250 gpm, 500 gpm, 750 gpm and 1,000 gpm. Each step shall be 2 hours long.	8	Hours	\$ 300.00	\$ 2,400.00	\$ 400.00	\$ 3,200.00	\$ 550.00	\$ 4,400.00
A3	Perform constant rate pump test at up to 1,000 gpm (72 hours of pumping and up to 72 hours for recovery - no time paid for recovery).	72	Hours	\$ 180.00	\$ 12,960.00	\$ 300.00	\$ 21,600.00	\$ 900.00	\$ 64,800.00
ALTERNATE BID ITEM A1-A3 Total Amount:				\$	41,360.00	\$	59,800.00	\$	131,400.00

	Schneider Water Services - Saint Paul, OR	Holt Services, Inc. - Milton, WA	Yellow Jacket Drilling Services, LLC - Phoenix, AZ
GRAND TOTAL BID AMOUNT (ALL ITEMS EXCLUDING ALTERNATE A1-A3):	\$ 612,534.00	\$ 940,128.00	\$ 878,569.00
GRAND TOTAL BID AMOUNT (ALL ITEMS INCLUDING ALTERNATE A1-A3):	\$ 653,894.00	\$ 999,928.00	\$ 1,009,969.00

RECOMMENDATION - The City's recommendation to Council is to award a contract to Schneider Water Services using Grand Total Bid Amount No. 2