

**Bid Tabulation Report - Innovation Well and Army Aviation Well Drilling,  
Construction, Development and Testing**

PWP NO.: WA-2015-235

Bids Opened: August 7, 2015

			Bidder No. 1	
			<b>Stonehouse Drilling &amp; Construction, LLC</b>	
Bonding Provided			Yes	
Bidder Acknowledges Receipt of Addendums			Yes	
Affadavit of Preferential Bidders Status / Bidder's Preference Certificate			No	
Description	Scheduled		Unit	Total
	Value	Unit	Price	Price
<b>Innovation Well</b>				
1. Mobilization / demobilization: Innovation well site	1	\$ Lump Sum		128,000.00
2. Drill 34-inch borehole from ground surface to 40 ft, using auger rig or direct mud rotary drilling technique.	40	\$ Per Foot	1,000.00	40,000.00
3. Furnish and install 28-inch, 0.312-inch wall steel blank well casing.	40	\$ Per Foot	325.00	13,000.00
4. Furnish and install cement in the annulus between the casing and the borehole wall.	3	\$ Per Cubic Yard	600.00	1,800.00
*5. Drill nominal 26-inch diameter from 40 to a depth of 310 feet.	270	\$ Per Foot	315.00	85,050.00
6. Provide geophysical logging services: spontaneous potential, resistivity, and caliper.	1	\$ Lump Sum		10,000.00
7. Furnish and install nominal 14-inch 0.312-inch wall stainless steel blank well casing. Casing shall be stainless steel, type 304L, in accordance with applicable parts of ASTM A778.	200	\$ Per Foot	298.00	59,600.00
8. Furnish and install nominal 14 inch, 0.312-inch wall, 0.080-inch-slot wire-wrap stainless steel screen. The stainless steel screen shall be type 304L in accordance with applicable parts of ASTM A778.	100	\$ Per Foot	136.00	13,600.00
9. Furnish and install stainless steel casing centering guides at 40-foot intervals from 40 feet to total depth. (4 centering guides per interval).	7	\$ Per Interval	500.00	3,500.00
*10. Furnish and install one nominal 2.5-inch, stainless steel gravel feed tube with surface cap. The bottom opening of the tube shall be at 124 feet below ground surface.	126	\$ Per Foot	35.00	4,410.00
11. Furnish and install one nominal 2-inch, stainless steel water injection tube. The pipe shall be attached to a Roscoe Moss entrance chamber box welded to the 14-inch blank casing at 90 feet below ground surface.	92	\$ Per Foot	55.00	5,060.00
*12. Furnish and install one nominal 1.5-inch, stainless steel sounding tube. Tube shall connect to a Roscoe Moss chamber box (or other approved method) welded to the 14-inch casing 210 feet below ground surface.	212	\$ Per Foot	35.00	7,420.00
13. Furnish and install 1/8-inch X 1/4-inch gravel pack in the annulus between 26-inch borehole and 14 inch casing from 120 feet to 310 feet.	23	\$ Per Cubic Yard	475.00	10,925.00
14. Furnish and install bentonite pellet seal in the annulus between 26-inch borehole and 14 inch casing from 116 feet to 120 feet.	0.5	\$ Per Cubic Yard	3,000.00	1,500.00
15. Furnish and install neat cement seal in the annulus between 26-inch borehole and 14 inch casing from ground surface to 116 feet.	14	\$ Per Cubic Yards	600.00	8,400.00
16. Initial well development by a combination of methods including isolated swabbing with simultaneous airlift pumping, using high capacity compressor, 350 CFM and 150 psi.	40	\$ Per Hour	450.00	18,000.00
17. Furnish and install approximately 1,200 feet of temporary discharge pipe (of adequate size to discharge up to 1,200 gpm to Dry Creek) and all other water decanting and conveyance equipment during well development and testing.	1,200	\$ Per Foot	7.00	8,400.00
18. Hauling 43 cu. yards of borehole cuttings approx. 5 miles to TMWA Glendale facility.	6	\$ Per Trip	500.00	3,000.00
19. Furnish, install and remove 1,200 gpm test pump. Pump setting is estimated to be 125 feet below ground surface.	125	\$ Per Foot	85.00	10,625.00
20. Well development by surging and pumping with the test pump.	40	\$ Per Hour	325.00	13,000.00
21. Perform 8-hour step test and 72-hour constant flow pump test.	80	\$ Per Hour	325.00	26,000.00
22. Furnish, install and remove 3-inch steel pipe to 130 feet for running down the spinner flow tool	130	\$ Per Foot	10.00	1,300.00
23. Re-install the test pump to 125 feet and pump the well for spinner flow survey. TMWA will contract with the spinner survey contractor	10	\$ Per Hour	600.00	6,000.00
24. Perform video camera survey to check the integrity and exact depths of the casing and screen.	1	\$ Lump Sum		2,500.00
25. Well cleaning, disinfection, and capping with steel plate.	1	\$ Lump Sum		6,500.00
26. Temporary on-site waste facilities at the Innovation well site for two weeks.	1	\$ Lump Sum		250.00
27. Temporary on-site office during pumping tests at the Innovation well site for two weeks.	1	\$ Lump Sum		1,000.00

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28. Standby hours for drilling and construction of the Innovation well, if requested by Owner.	10	\$ Per Hour	300.00	3,000.00
29. Perform plumbness and alignment test in the constructed Innovation well as per AWWA A100-97. A Gyroscopic Deviation survey Drift-Pac analysis or equivalent shall be performed by a contractor experienced in such surveys. A well which fails to meet AWWA A100-97 requirements for alignment or plumbness as specified herein may be rejected at TMWA's discretion.	1	\$ Lump Sum		8,500.00
<b>TOTAL BID PRICE OF ITEMS 1 THROUGH 29 FOR THE INNOVATION WELL</b>				<b>\$500,340.00</b>
<b>Army Aviation Well</b>				
1. Mobilization / demobilization: from Innovation well site to Army Aviation well site.	1	\$ Lump Sum		\$143,000.00
2. Drill 38-inch borehole from ground surface to 40 ft, using auger rig or direct mud rotary drilling technique.	40	\$ Per Foot	\$1,000.00	\$40,000.00
3. Furnish and install 34-inch, 0.312-inch wall steel blank well casing.	40	\$ Per Foot	\$500.00	\$20,000.00
4. Furnish and install cement in the annulus between the casing and the borehole wall.	3	\$ Per Cubic Yard	\$600.00	\$1,800.00
5. Drill nominal 32-inch diameter borehole from 40 to a depth of 620 feet.	580	\$ Per Foot	\$375.00	\$217,500.00
6. Conduct borehole geophysical survey: spontaneous potential, resistivity, and caliper.	1	\$ Lump Sum		\$10,000.00
7. Furnish and install nominal 18-inch 0.375-inch wall stainless steel blank well casing. Casing shall be stainless steel, type 304L, in accordance with applicable parts of ASTM A778.	450	\$ Per Foot	\$496.00	\$223,200.00
8. Furnish and install nominal 18-inch, 0.375-inch wall, 0.090-inch-slot Ful Flo louvered stainless steel screen. The stainless steel screen shall be type 304L in accordance with applicable parts of ASTM A778.	160	\$ Per Foot	\$552.00	\$88,320.00
9. Furnish and install stainless steel casing centering guides at 40-foot intervals from 40 feet to total depth. (4 centering guides per interval).	14	\$ Per Interval	\$500.00	\$7,000.00
10. Furnish and install one nominal 3-inch, stainless steel gravel feed tube with surface cap. The bottom opening of the tube shall be at 304 feet below ground surface.	306	\$ Per Foot	\$40.00	\$12,240.00
11. Furnish and install two nominal 3-inch, stainless steel water injection tubes. The pipe shall be welded to a Roscoe Moss entrance chamber box on the 18-inch blank casing, 90 feet and 130 feet below ground.	184	\$ Per Foot	\$85.00	\$15,640.00
*12. Furnish and install one nominal 1.5-inch, stainless steel sounding tube. Tube shall connect to a Roscoe Moss chamber box (or other approved method) welded to the 14-inch casing 210 feet below ground surface.	360	\$ Per Foot	\$35.00	\$12,600.00
13. Furnish and install 1/8-inch x 1/4-inch gravel pack in the annulus between 32-inch borehole and 18-inch casing from 300 feet to 620 feet.	45	\$ Per Cubic Yard	\$475.00	\$21,375.00
14. Furnish and install bentonite pellet seal in the annulus between 32-inch borehole and 18-inch casing from 296 feet to 300 feet.	0.5	\$ Per Cubic Yard	\$3,000.00	\$1,500.00
15. Furnish and install neat cement seal in the annulus between 32 inch borehole and 18 inch casing from ground surface to 296 feet.	42	\$ Per Cubic Yard	\$600.00	\$25,200.00
16. Initial well development by a combination of methods including isolated swabbing with simultaneous airlift pumping, using high capacity compressor, 750 CFM and 300 psi.	65	\$ Per Hour	\$450.00	\$29,250.00
17. Furnish and install approximately 1,000 feet of temporary discharge pipe (of adequate size to discharge up to 2,500 gpm) and all other water decanting and conveyance equipment during well development and testing.	1,000	\$ Per Foot	\$9.00	\$9,000.00
18. Hauling 130 cu. yards of borehole cuttings approx. 12 miles to TMWA Glendale facility.	16	\$ Per Trip	\$500.00	\$8,000.00
19. Furnish, install and remove 2,500 gpm test pump. Pump setting is estimated to be 290 feet below ground surface.	290	\$ Per Foot	\$85.00	\$24,650.00
20. Well development by surging / pumping with test pump.	65	\$ Per Hour	\$350.00	\$22,750.00
21. Perform 8-hour step test and 72-hour constant flow pump test.	80	\$ Per Hour	\$350.00	\$28,000.00
22. Furnish, install and remove 3-inch steel pipe to 310 feet for running down the spinner flow tool.	310	\$ Per Foot	\$12.00	\$3,720.00
23. Re-install the test pump to 290 feet and pump the well for spinner flow survey. TMWA will contract with the spinner survey contractor.	10	\$ Per Hour	795	7950

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24. Perform video camera survey to check the integrity and exact depths of the casing and screen.	1	\$ Lump Sum		2500
25. Well cleaning, disinfection, and capping with steel plate.	1	\$ Lump Sum		6500
26. Temporary on-site waste facilities at the Army Aviation well site for two weeks.	1	\$ Lump Sum		250
27. Temporary on-site office during pumping tests at the Army Aviation well site for two weeks.	1	\$ Lump Sum		1000
28. Standby hours for drilling and construction of the Army Aviation well, if requested by Owner.	10	\$ Per Hour	300	3000
29. Perform plumbness and alignment test in the constructed Innovation well as per AWWA A100-97. A Gyroscopic Deviation survey Drift-Pac analysis or equivalent shall be performed by a contractor experienced in such surveys. A well which fails to meet AWWA A100-97 requirements for alignment or plumbness as specified herein may be rejected at TMWA's discretion.	1	\$ Lump Sum		8500
<b>TOTAL BID PRICE OF ITEMS 1 THROUGH 29 FOR THE ARMY AVIATION WELL</b>				\$994,445.00
<b>TOTAL BID PRICE FOR BOTH WELLS: INNOVATION WELL AND ARMY AVIATION WELL:</b>				<b>\$1,494,785.00</b>
Total Bid Price Written in Words? y/n				<b>Yes</b>
Bidder Information Provided				<b>Yes</b>
Licensing Information Provided				<b>Yes</b>
Disclosure of Principals Provided				<b>Yes</b>
References Provided				<b>Yes</b>
Debarment & Safety Information Provided				<b>Yes</b>
Subcontractors Listed / Self Listed				<b>Yes</b>
Proposal Summary Executed				<b>Yes</b>