

City of Orange: Summary of Bid Abstracts for:

Well No. 29 Drilling Project  
 Bid No. 24-25.13; Project No. W-709  
 Date of Bid Opening: 3/13/25

NO.	DESCRIPTION OF WORK	QUANTITY	UNIT PRICE	AMOUNT	1		2		3		4		5		
					ENGINEER'S ESTIMATE		Best Drilling and Pump, Inc., Colton, CA	South West Pump & Drilling, Inc., Coachella, CA	Zim Industries, Inc. Fresno, CA	Pacific Coast Well Drilling, Inc. Paso Robles, CA	South Valley Companies, Inc. Bakersfield, CA				
1	Mobilize and Demobilize from the Site, including all accessory work, obtaining all permits & bonds, project signage, and conducting NPDES compliance treatment, testing and laboratory analysis for all discharge fluids. This bid item shall also include maintenance of staging area over the duration of the project.	1	LS	\$350,000	\$350,000.00	\$400,000.00	\$400,000.00	\$280,000.00	\$280,000.00	\$537,050.00	\$537,050.00	\$475,000.00	\$475,000.00	\$400,000.00	\$400,000.00
2	Furnish, install and maintain noise equipment and panels.	450	LF	\$250	\$112,500.00	\$300.00	\$135,000.00	\$700.00	\$315,000.00	\$230.00	\$103,500.00	\$480.00	\$216,000.00	\$550.00	\$247,500.00
3	Furnish, install and cement 42-inch O.D. 3/8-inch thick conductor casing in 48-inch (minimum) dia. hole from ground surface to 50 ft below ground surface (bgs).	50	LF	\$1,500	\$75,000.00	\$1,500.00	\$75,000.00	\$3,000.00	\$150,000.00	\$850.00	\$42,500.00	\$2,500.00	\$125,000.00	\$1,500.00	\$75,000.00
4	Drill by reverse circulation method, a 12-inch dia. to 18-inch dia. borehole from 50 ft to 1,400 ft, and conduct Eastman-type drift surveys.	1,350	LF	\$150	\$202,500.00	\$140.00	\$189,000.00	\$160.00	\$216,000.00	\$190.00	\$256,500.00	\$210.00	\$283,500.00	\$300.00	\$405,000.00
5	Conduct downhole geophysical surveys of the pilot hole (SP, short & long-normal resistivity Natural Gamma, Guard or Laterlog 3, Sonic Variable Density and Magnetic Deviation surveys).	1	LS	\$10,000	\$10,000.00	\$10,000.00	\$10,000.00	\$150,000.00	\$150,000.00	\$12,100.00	\$12,100.00	\$15,000.00	\$15,000.00	\$30,000.00	\$30,000.00
6A	Construction, development and testing of depth-specific isolated aquifer test zones between 590 ft and 1,400 ft bgs as selected by the City.	8	EA	\$20,000	\$160,000.00	\$20,000.00	\$160,000.00	\$41,000.00	\$328,000.00	\$43,200.00	\$345,600.00	\$35,000.00	\$280,000.00	\$40,000.00	\$320,000.00
6B	Collect and store groundwater samples & transport to a State-Certified analytical testing Laboratory for the analysis of specified analytes.	8	EA	\$6,000	\$48,000.00	\$4,000.00	\$32,000.00	\$5,200.00	\$41,600.00	\$10,800.00	\$86,400.00	\$8,500.00	\$68,000.00	\$10,000.00	\$80,000.00
7A	Ream by reserve circulation method, a 38-inch dia. borehole from 50 ft to 590 ft bgs and perform Eastman-type drift surveys.	540	LF	\$130	\$70,200.00	\$130.00	\$70,200.00	\$220.00	\$118,800.00	\$360.00	\$194,400.00	\$260.00	\$140,400.00	\$200.00	\$108,000.00
7B	Ream by reserve circulation method, a 30-inch dia. borehole from 590 ft to 1,400 ft bgs and perform Eastman-type drift surveys.	810	LF	\$120	\$97,200.00	\$110.00	\$89,100.00	\$160.00	\$129,600.00	\$190.00	\$153,900.00	\$250.00	\$202,500.00	\$200.00	\$162,000.00
8A	Perform one caliper survey.	1	LS	\$3,500	\$3,500.00	\$2,000.00	\$2,000.00	\$20,000.00	\$20,000.00	\$3,050.00	\$3,050.00	\$6,500.00	\$6,500.00	\$20,000.00	\$20,000.00
8B	Perform one magnetic deviation survey with a magnetometer tool.	1	LS	\$3,500	\$3,500.00	\$2,000.00	\$2,000.00	\$10,000.00	\$10,000.00	\$3,500.00	\$3,500.00	\$5,000.00	\$5,000.00	\$30,000.00	\$30,000.00
9	Furnish and install 20-inch ID x 3/8-inch thick Type 304L stainless steel blank pump house casing in 38-inch reamed bore; includes 2 ft of stick up ags.	592	LF	\$615	\$364,080.00	\$685.00	\$405,520.00	\$752.00	\$445,184.00	\$876.00	\$518,592.00	\$740.00	\$438,080.00	\$725.00	\$429,200.00
10	Furnish and install 20-inch ID x 5/16-inch thick Type 304L stainless steel blank well casing in 30-inch reamed borehole.	240	LF	\$510	\$122,400.00	\$573.00	\$137,520.00	\$652.00	\$156,480.00	\$728.00	\$174,720.00	\$610.00	\$146,400.00	\$625.00	\$150,000.00
11	Furnish and install 20-inch ID x 5/16-inch thick, 0.050-inch slot Type 304L stainless steel Full louvers (Roscoe Moss or approved equal) in 30-inch reamed borehole.	500	LF	\$590	\$295,000.00	\$683.00	\$341,500.00	\$752.00	\$376,000.00	\$872.00	\$436,000.00	\$730.00	\$365,000.00	\$725.00	\$362,500.00
12	Furnish and install 20-inch ID x 5/16-inch thick Type 304L stainless steel blank cellar pipe with welded bottom cap in 30-inch reamed borehole.	20	LF	\$538	\$10,760.00	\$653.00	\$13,060.00	\$752.00	\$15,040.00	\$831.00	\$16,620.00	\$700.00	\$14,000.00	\$725.00	\$14,500.00
13A	Furnish and install 3-inch ID, Schedule 40, Type 304L stainless steel gravel feed tube per plans.	552	LF	\$16	\$8,832.00	\$68.00	\$37,536.00	\$65.00	\$35,880.00	\$67.00	\$36,984.00	\$60.00	\$33,120.00	\$50.00	\$27,600.00
13B	Furnish and install 3-inch ID, Schedule 40, Type 304L stainless steel camera tube with 8-foot long port per plans.	572	LF	\$32	\$18,304.00	\$100.00	\$57,200.00	\$65.00	\$37,180.00	\$104.00	\$59,488.00	\$100.00	\$57,200.00	\$50.00	\$28,600.00
13C	Furnish and install 2-inch ID, Schedule 40, Type 304L stainless steel pressure transducer/sounding tube per plans.	552	LF	\$27	\$14,904.00	\$50.00	\$27,600.00	\$32.00	\$17,664.00	\$43.00	\$23,736.00	\$40.00	\$22,080.00	\$40.00	\$22,080.00
13D	Furnish and install 3-inch ID, Schedule 40, Type 304L stainless steel air vent tube per plans.	1	LS	\$400	\$400.00	\$5,000.00	\$5,000.00	\$1,500.00	\$1,500.00	\$4,000.00	\$4,000.00	\$500.00	\$500.00	\$3,500.00	\$3,500.00
14	Install one bottom hole seal 30 ft (maximum) in length (optional).	1	LS	\$4,500	\$4,500.00	\$5,000.00	\$5,000.00	\$3,000.00	\$3,000.00	\$7,200.00	\$7,200.00	\$5,250.00	\$5,250.00	\$5,000.00	\$5,000.00
15	Furnish and install 8 x 16 gradation gravel pack from P.W. Gillibrand Company, Inc. or approved equal.	840	LF	\$165	\$138,600.00	\$85.00	\$71,400.00	\$265.00	\$222,600.00	\$160.00	\$134,400.00	\$225.00	\$189,000.00	\$150.00	\$126,000.00
16	Install a 20 ft (in length) intra-annular bentonite seal.	20	LF	\$130	\$2,600.00	\$154.00	\$3,080.00	\$150.00	\$3,000.00	\$240.00	\$4,800.00	\$180.00	\$3,600.00	\$250.00	\$5,000.00
17	Furnish and install annular grout seal from 5 ft to 530 ft bgs.	525	LF	\$70	\$36,750.00	\$120.00	\$63,000.00	\$125.00	\$65,625.00	\$120.00	\$63,000.00	\$225.00	\$118,125.00	\$150.00	\$78,750.00
18	Conduct straightness, plumbness & alignment tests of well using dummy and gyroscopic tools.	1	LS	\$4,500	\$4,500.00	\$10,000.00	\$10,000.00	\$15,000.00	\$15,000.00	\$10,300.00	\$10,300.00	\$8,500.00	\$8,500.00	\$40,000.00	\$40,000.00
19	Conduct well development by mechanical procedures, including bailing, swabbing, and airlifting.	150	Hr	\$800	\$120,000.00	\$600.00	\$90,000.00	\$900.00	\$135,000.00	\$650.00	\$97,500.00	\$850.00	\$127,500.00	\$1,000.00	\$150,000.00
20A	Conduct well development by super Chlorination.	250	GAL	\$20	\$5,000.00	\$15.00	\$3,750.00	\$12.00	\$3,000.00	\$145.00	\$36,250.00	\$30.00	\$7,500.00	\$300.00	\$75,000.00
20B	Perform well development with NW-220, Aqua-Clear PFD, or similar.	25	GAL	\$250	\$6,250.00	\$90.00	\$2,250.00	\$150.00	\$3,750.00	\$176.00	\$4,400.00	\$204.00	\$5,100.00	\$400.00	\$10,000.00
21	Conduct three color video camera surveys, as deemed necessary by the City.	3	EA	\$2,000	\$6,000.00	\$2,000.00	\$6,000.00	\$2,000.00	\$6,000.00	\$3,700.00	\$11,100.00	\$4,000.00	\$12,000.00	\$7,000.00	\$21,000.00
22A	Furnish, install a test pump and equipment for pumping development and test pumping. Pump to be set to 400 ft bgs.	1	LS	\$50,000	\$50,000.00	\$40,000.00	\$40,000.00	\$75,000.00	\$75,000.00	\$65,000.00	\$65,000.00	\$105,000.00	\$105,000.00	\$75,000.00	\$75,000.00
22B	Furnish and install a pulse signal flowmeter.	1	LS	\$3,000	\$3,000.00	\$2,000.00	\$2,000.00	\$5,000.00	\$5,000.00	\$4,600.00	\$4,600.00	\$5,000.00	\$5,000.00	\$35,000.00	\$35,000.00
23	Furnish and install an In-Situ, Aqua TROLL 600 Water Quality Probe with Flow Cell for a 2-week time period.	1	LS	\$2,500	\$2,500.00	\$5,000.00	\$5,000.00	\$6,000.00	\$6,000.00	\$8,600.00	\$8,600.00	\$4,500.00	\$4,500.00	\$35,000.00	\$35,000.00
24	Conduct well development by pumping methods.	60	HR	\$600	\$36,000.00	\$400.00	\$24,000.00	\$525.00	\$31,500.00	\$500.00	\$30,000.00	\$950.00	\$57,000.00	\$750.00	\$45,000.00
25A	Conduct step drawdown test by pumping.	12	HR	\$600	\$7,200.00	\$400.00	\$4,800.00	\$525.00	\$6,300.00	\$500.00	\$6,000.00	\$950.00	\$11,400.00	\$750.00	\$9,000.00
25B	Conduct constant rate test by pumping.	48	HR	\$600	\$28,800.00	\$400.00	\$19,200.00	\$525.00	\$25,200.00	\$500.00	\$24,000.00	\$950.00	\$45,600.00	\$1,000.00	\$48,000.00
26	Conduct dynamic flowmeter (spinner) survey under pumping conditions.	1	LS	\$6,000	\$6,000.00	\$8,000.00	\$8,000.00	\$5,000.00	\$5,000.00	\$18,700.00	\$18,700.00	\$7,000.00	\$7,000.00	\$25,000.00	\$25,000.00
27A	Perform Depth-Discrete Sampling at specific depth intervals in completed well.	6	EA	\$2,000	\$12,000.00	\$1,500.00	\$9,000.00	\$1,000.00	\$6,000.00	\$2,000.00	\$12,000.00	\$1,600.00	\$9,600.00	\$1,500.00	\$9,000.00
27B	Collect and store, depth-discrete groundwater samples & transport to a State-Certified analytical testing laboratory for analysis of specified analytes.	6	EA	\$6,500	\$39,000.00	\$3,000.00	\$18,000.00	\$1,000.00	\$6,000.00	\$10,800.00	\$64,800.00	\$7,500.00	\$45,000.00	\$10,000.00	\$60,000.00
28	Conduct static flowmeter (spinner) survey.	1	LS	\$3,000	\$3,000.00	\$7,000.00	\$7,000.00	\$5,000.00	\$5,000.00	\$7,900.00	\$7,900.00	\$7,000.00	\$7,000.00	\$10,000.00	\$10,000.00
29	Provide disinfection of final well and provide for temporary capping of the well.	1	LS	\$2,500	\$2,500.00	\$5,000.00	\$5,000.00	\$15,000.00	\$15,000.00	\$9,000.00	\$9,000.00	\$17,500.00	\$17,500.00	\$35,000.00	\$35,000.00
30	Provide for 24 hours of Standby Time.	24	HR	\$500	\$12,000.00	\$350.00	\$8,400.00	\$300.00	\$7,200.00	\$200.00	\$4,800.00	\$650.00	\$15,600.00	\$1,000.00	\$24,000.00
31	Provide for destruction of the pilot hole or the well, or portion of, per City's request. (Optional Bid Item)	1,400	LF	\$100	\$140,000.00	\$10.00	\$14,000.00	\$35.00	\$49,000.00	\$23.00	\$32,200.00	\$50.00	\$70,000.00	\$25.00	\$35,000.00
<b>Total</b>				<b>\$2,633,280.00</b>	<b>\$2,633,280.00</b>	<b>\$2,608,116.00</b>	<b>\$2,608,116.00</b>	<b>\$3,543,103.00</b>	<b>\$3,543,103.00</b>	<b>\$3,665,190.00</b>	<b>\$3,665,190.00</b>	<b>\$3,770,055.00</b>	<b>\$3,770,055.00</b>	<b>\$3,871,230.00</b>	<b>\$3,871,230.00</b>