

**CITY OF SANTA ANA**  
**PROPOSAL**  
 PROJECT NO.: 19-6423  
 WASHINGTON WELL IMPROVEMENTS  
 WELL DRILLING (PHASE 1) RE-BID

**BID PROPOSAL**

TO: CITY COUNCIL OF THE CITY OF SANTA ANA

FROM: Best Drilling and Pump, Inc.

**REQUIREMENT:**

The undersigned bidder declares that they have carefully examined the location of the proposed work, that they have examined the Contract Documents in its entirety and hereby proposes to furnish all material and do all the work required to complete the said work in accordance with said plans (if any) and the specifications for the unit price(s) or lump sum(s) set forth in the following schedule:

Item	Description	Qty	Unit	Unit Price	Amount
1	Mobilization & Demobilization including Noise Attenuation Panels	1	LS	\$ 400,000.00	\$ 400,000.00
2	NPDES Discharge Compliance	1	LS	\$ 300,000.00	\$ 300,000.00
3	Conductor (Surface) Casing	52	FT	\$ 1,300.00	\$ 67,600.00
4	Pilot Hole Drilling	1,250	FT	\$ 200.00	\$ 250,000.00
5	Downhole Geophysical Surveying	1	LS	\$ 8,000.00	\$ 8,000.00
6A	Isolated Aquifer Zone Testing	6	EA	\$ 30,000.00	\$ 180,000.00
6B	Collect, Deliver and Testing of Zone Tests	6	EA	\$ 8,000.00	\$ 48,000.00
7A	38-inch Dia. Upper Pilot Hole Ream	450	FT	\$ 180.00	\$ 81,000.00
7B	28-inch Dia. Lower Pilot Hole Ream	800	FT	\$ 170.00	\$ 136,000.00
8A	Caliper Survey	1	LS	\$ 4,000.00	\$ 4,000.00
8B	Magnetic Deviation Survey	1	LS	\$ 4,000.00	\$ 4,000.00
9A	18-inch ID Blank Casing	502	LF	\$ 703.00	\$ 352,906.00
9B	18-inch ID Blank Well Casing, Cellar Pipe & End Cap	170	LF	\$ 587.00	\$ 99,790.00

**CITY OF SANTA ANA**  
**PROPOSAL**  
 PROJECT NO.: 19-6423  
 WASHINGTON WELL IMPROVEMENTS  
 WELL DRILLING (PHASE 1) RE-BID

Item	Description	Qty	Unit	Unit Price	Amount
9C	18-inch ID Louvered Well Casing	600	FT	\$ 686.00	\$ 411,600.00
9D	3-inch Dia. Gravel Feed Tube	422	FT	\$ 79.00	\$ 33,338.00
9F	2-inch Dia. Pressure Transducer Tube	452	FT	\$ 65.00	\$ 29,380.00
9G	4-inch Dia. Camera Tube	440	FT	\$ 160.00	\$ 70,400.00
9H	3-inch ID Air Vent Tube	4	FT	\$ 200.00	\$ 800.00
10A	Pilot Hole Bottom Bentonite Seal (Optional)	10	FT	\$ 55.00	\$ 550.00
10B	Intra-Annular Seal (Optional)	20	FT	\$ 55.00	\$ 1,100.00
11	Gravel Pack	890	FT	\$ 100.00	\$ 89,000.00
12	Annular Grout Seal	395	FT	\$ 130.00	\$ 51,350.00
13	Well Casing Alignment Testing	1	LS	\$ 5,000.00	\$ 5,000.00
14	Standby Time	24	HR	\$ 400.00	\$ 9,600.00
15	Mechanical Well Development	120	HR	\$ 800.00	\$ 96,000.00
16A	Chemical Development (12.5% Chlorine Solution)	257	GAL	\$ 30.00	\$ 7,710.00
16B	Chemical Development (Polymer Dispersant)	32	GAL	\$ 200.00	\$ 6,400.00
17	Color Video Surveys	3	EA	\$ 2,000.00	\$ 6,000.00
18A	Temporary Test Pump	1	LS	\$ 30,000.00	\$ 30,000.00
18B	Flow Meter Device	1	LS	\$ 5,000.00	\$ 5,000.00
18C	Water Quality Meter	1	LS	\$ 15,000.00	\$ 15,000.00
19	Pumping Development	60	HR	\$ 600.00	\$ 36,000.00

**CITY OF SANTA ANA**  
**PROPOSAL**  
 PROJECT NO.: 19-6423  
 WASHINGTON WELL IMPROVEMENTS  
 WELL DRILLING (PHASE 1) RE-BID

Item	Description	Qty	Unit	Unit Price	Amount
20A	Step Drawdown Test	12	HR	\$ 600.00	\$ 7,200.00
20B	Constant Rate Pumping Test	48	HR	\$ 600.00	\$ 28,800.00
21	Dynamic Flow Meter Survey	1	LS	\$ 5,000.00	\$ 5,000.00
22A	Depth Specific Sampling	7	EA	\$ 1,000.00	\$ 7,000.00
22B	Collect, Deliver and Testing of Discrete Sampling	7	EA	\$ 5,000.00	\$ 35,000.00
23	Static Flowmeter Survey	1	LS	\$ 5,000.00	\$ 5,000.00
24	Well Disinfection and Capping	1	LS	\$ 10,000.00	\$ 10,000.00
25A	Abandonment of Borehole at City's Request (This bid item not to be used in totaling of base bid)	1300	LF	\$ 23.00	\$ 29,900.00
25B	Destruction of Well at City's Request (This bid item not to be used in totaling of base bid)	1	LS	\$ 30,000.00	\$ 30,000.00
26	Erosion Control and BMP Measures	1	LS	\$ 30,000.00	\$ 30,000.00
27	City Construction Permit (Allowance)	1	LS	\$ 15,000	\$ 15,000

**CITY OF SANTA ANA**  
**PROPOSAL**  
 PROJECT NO.: 19-6423  
 WASHINGTON WELL IMPROVEMENTS  
 WELL DRILLING (PHASE 1) RE-BID

<b>TOTAL BASE BID</b> <b>(Items 1 to 27 excluding Item 25A and 25B)</b>	\$ 2,978,524.00
--	-----------------

The lowest responsible bidder shall be selected based on the total base bid (Items 1 to 27 excluding Item 25A and 25B). The City reserves the right to award the Base Bid, and any, all, or none of the add-alternate bid items (if any).

**TIME FOR COMPLETION OF IMPROVEMENTS AND LIQUIDATED DAMAGES**

The undersigned bidder hereby proposes to complete the Work for the total base bid amount shown above, within **one hundred and thirty (130) working days** after the commencement date stated in the Notice to Proceed.

The liquidated damages amount, in lieu of the amount specified in Subsection 6-9 of the Standard Specifications, shall be **\$1,500** per calendar day.

Name of Firm Best Drilling and Pump, Inc.

Signature of BIDDER



Title Vice President

(If an individual, so state. If a firm or co-partnership, state the firm name and give the names of all individual co-partners composing the firm. If a corporation, state legal name of corporation, and names of President, Secretary, Treasurer and Manager, thereof.)