PROPOSAL
CITY OF ANAHEIM

WELL NO. 58 DRILLING AND DEVELOPMENT AND WELL NOS. 27 AND 28 DESTRUCTION

PROJECT NO. 0500000170

ACCOUNT NO. 502-521-3715-7865-0501010.01

The following proposal prices shall include: furnishing of all materials, labor, equipment, fuel, tools, transportation, and services for drilling, construction, development, testing, and completion of a new production well; removal of all above ground and below ground structures, equipment, conduits and panels, piping, fittings and valves; excavation and plugging of piping and conduits; clearing of site and removal of all debris; compaction and grading; asphalt patching as applicable to the site; potholing to verify data and dimensions; saw cutting of pavement; trench shoring, concrete encasement; testing, disinfecting, dechlorination of test water; excavation, backfill, removal and replacement of existing AC including, grinding, and permanent AC; permits, project signs, traffic control, restoration of: striping, markers, signs, landscape and irrigation, as well as other appurtenances. All work shall be in accordance with the contract specifications and accompanying drawings.

Item	Description	Qnty	Unit	Unit Price	Total Price
DESTRUCTION OF WELL Nos. 27 AND 28 (Items 1 through 14)					
1	Mobilize to and demobilize from the subject property for the lump sum price of:	1	LS	$	$
2	Remove existing pump from Well No. 27, (set at a depth of 184 ft bgs), and all accessory equipment for the lump sum price of:	1	LS	$	$
3	Conduct an initial color video survey of Well No. 27 casing for the lump sum price of:	1	LS	$	$
4	Conduct wire-brushing and bailing of sediment fill from the bottom of the Well No. 27 casing for the per hour unit price of:	8	HR	$	$
5	Destroy the entire well No. 27 casing using the shot- or blast-perforation process between the depths of 10 ft and 280 ft bgs for the lump sum price of:	1	LS	$	$
6	Seal the entire Well No. 27 casing via pressure grouting methods from 10 ft bgs to the total casing depth with 22-sack neat cement grout complete in place for the per cubic yard unit price of:	20	CY	$	$
7	Excavate soil to 6 ft bgs, cut and remove exposed Well No. 27 casing, and install cement mushroom cap to seal the wellhead for the lump sum price	1	LS	$	$
8	Remove existing pump from Well No. 28 (set at a depth of 234 ft bgs), and all accessory equipment for the lump sum price of:	1	LS	$	$
9	Conduct an initial color video survey of Well No. 28 casing for the lump sum price of:	1	LS	$	$
10	Conduct wire-brushing and bailing of sediment fill from the bottom of the Well No. 28 casing for the per hour unit price of:	8	HR	$	$
11	Destroy the well Well No. 28 casing, by using the shot- or blast-perforation process between the depths of 10 ft and 360 ft bgs for the lump sum price of:	1	LS	$	$
12	Seal the entire Well No. 28 casing with cement from 10 ft bgs to the total casing depth with 22-sack neat cement grout for the per cubic yard unit price of:	25	CY	$	$
13	Excavate soil to 6 ft bgs, cut and remove exposed Well No. 28 casing, and install cement mushroom cap to seal the wellhead for the lump sum price of:	1	LS	$	$
14	Demolition and removal of other existing onsite facilities per plans and specifications for the lump sum price of:	1	LS	$	$
SUB TOTAL - WELL DESTRUCTIONS (ITEMS 1THROUGH 14)					$

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DRILLING AND DEVELOPMENT OF WELL NO. 58 (Items 15 through 61)

15	Mobilize/demobilize reverse circulation drill rig and equipment for the lump sum price of:	1	LS	$	$	
16	44-inch O.D. mild steel conductor casing in 52-inch borehole from 4 ft to 50 ft bgs for the per lineal foot price of:	50	LF	$	$	
17	Pilot hole drilling (50 ft to 1200 ft bgs) for the per lineal foot price of:	1150	LF	$	$	
18	Downhole geophysical surveys for the lump sum price of:	1	LS	$	$	
19	Isolated aquifer zone testing setup, develop and pump (6 zones) for the	6	EA	$	$	
20	Analysis of collected zone samples (6 samples) for the unit price of:	6	EA	$	$	
21	38-in dia. pilot hole ream (50 to 450 ft) for the per lineal foot price of:	400	LF	$	$	
22	26-in dia. pilot hole ream reverse circulation (450 to 1180 ft) for the per lineal foot price of:	730	LF	$	$	
23	Downhole caliper survey for the lump sum price of:	1	LS	$	$	
24	Bottomhole seal for the per lineal foot price of:	25	LF	$	$	
25	Destruction (per linear foot basis) for the per lineal foot price of:	1200	LF	$	$	
26	24-in I.D. HSLA (Corten) steel blank pump house casing (3/8-in wall), to 348 ft bgs for the per lineal foot price of:	352	LF	$	$	
27	24-in I.D. dielectric coupler, 2 ft long for the lump sum price of:	1	LS	$	$	
28	24-in I.D. Type 304L stainless steel blank pump house casing (3/8-in wall), 350 to 425 for the per lineal foot price of:	75	LF	$	$	
29	16-in I.D. to 24-inch I.D. Type 304L stainless steel casing reducer (3/8-in wall) for the per lineal foot price of:	1	LS	$	$	
30	16-in I.D. Type 304L stainless steel blank well casing (5/16-in wall) for the per lineal foot price of:	210	LF	$	$	
31	16-in I.D. Type 304L stainless steel wire-wrapped well screen (60-slot) for the per lineal foot price of:	500	LF	$	$	
32	16-in I.D. Type 304L stainless steel cellar pipe (5/16-in wall) with end cap for the per lineal foot price of:	20	LF	$	$	
33	4-in I.D. low carbon steel sounding tube with camera port (to 348 ft) for the per lineal foot price of:	352	LF	$	$	
34	4-in. I.D. dielectric conductor, 2 ft long for the lump sum price of:	1	LS	$	$	
35	4-in I.D. Type 304L stainless steel sounding tube with camera port (to 415 ft) for the per lineal foot price of:	65	LF	$	$	
36	2-in I.D. low carbon steel pressure transducer tube (to 350 ft) for the per lineal foot price of:	352	LF	$	$	
37	2-in. I.D. dielectric coupler, 2 ft long for the lump sum price of:	1	LS	$	$	
38	2-in I.D. Type 304L stainless steel pressure transducer tube (350 to 410 ft) for the per lineal foot price of:	60	LF	$	$	

39	3-in I.D. mild steel gravel feed tube (to 430 ft) for the per lineal foot price	434	LF	$	$
40	Gravel pack: CSSI 8 X 16 (390 ft to 1180 ft) for the per lineal foot price of:	790	LF	$	$
41	Annular grout seal (ground surface to 390 ft) for the per lineal foot price of:	390	LF	$	$
42	Downwell gyroscopic alignment survey to 425 ft bgs for the lump sum price of:	1	LS	$	$
43	Standby time for the per hour unit price of:	24	HR	$	$
44	Mechanical well development for the per hour unit price of:	110	Hr	$	$
45	Additional mechanical well development time for the per hour unit price of:	40	Hr	$	$
46	Chemical development (10% chlorine solution) for the per hour unit price of:	250	GAL	$	$
47	Chemical development (polymer dispersant) for the per hour unit price of:	25	GAL	$	$
48	Mobilization and demobilization of test pump & appurtenances for the lump sum price of:	1	LS	$	$
49	Pumping development for the per hour unit price of:	48	HR	$	$
50	Additional hours for pumping development for the per hour unit price of:	12	HR	$	$
51	Step drawdown testing for the per hour unit price of:	12	HR	$	$
52	Constant rate pumping test for the per hour unit price of:	48	HR	$	$
53	Conduct depth-specific water sampling for the unit price of:	8	EA	$	$
54	Retain laboratory and transport samples to laboratory for selected Title 22 analysis for the unit price of:	8	EA	$	$
55	Collect, transport, and submit final well blend water sample to laboratory lump sum price of:	1	LS	$	$
56	Flow meter (spinner) survey for the lump sum price of:	1	LS	$	$
57	Color video camera survey for the lump sum price of:	1	LS	$	$
58	Disinfection of well and capping for the lump sum price of:	1	LS	$	$
59	Hot tapping existing 16-inch CCP water line in Miraloma Avenue; including installation of a two-inch copper line, extension to the well site, all valves, meter, meter boxes, and appurtenances per plan for the lump sum price of:	1	LS	$	$
60	Unknown field conditions, as directed by City (used on Time and Materials)	1	T & M	$ 30,000.00	$ 30,000.00
61	This bid item is to accommodate those portions of the work required by the contract documents, whose method of payment is not included in the bid items above or elsewhere herein.	1	LS		

SUB TOTAL - WELL NO 58 DRILLING AND DEVELOPMENT (Items 15 to 61): $

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GRAND TOTAL (ITEMS 1 THROUGH 61): $ _____

GRAND TOTAL BID PRICE (ITEMS 1 THROUGH 61): : _____

_____

(Amount Written in Words)

The undersigned bidder certifies that he/she has thoroughly checked the figures set forth in the proposal, that they are correct to the best of his/her knowledge and constitute his/her proposal to perform all of the work called out and implied throughout these contract documents.

_____ _____
Signature of Bidder Telephone number

_____ _____
Name (Printed) Title

_____
Company

_____
Complete Address