



**BID RPU-7716 CONSTRUCTION OF GAGE 29-3R  
GROUNDWATER WELL REPLACEMENT PROJECT  
(PHASE 1) WITH BEST DRILLING AND PUMP, INC FOR  
\$1,599,900 AND WORK ORDER 1623725 FOR  
\$2,100,000**

**Riverside Public Utilities**

Board of Public Utilities  
December 9, 2019

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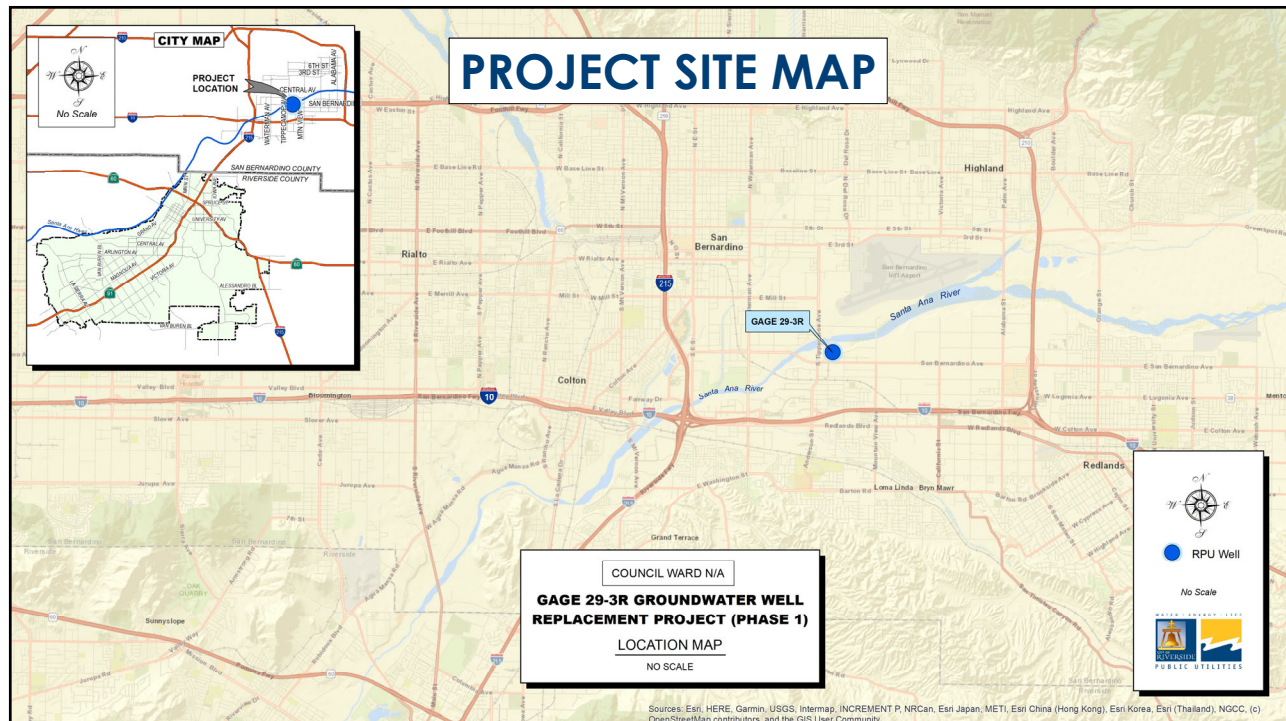
## **BACKGROUND**

1. Old groundwater well constructed in 1929
2. Declining production rates
3. Inoperable at times due to air entrapment
4. Too shallow to lower pumping equipment
5. Proposed new well will be deep to improve production capacity
6. Well drilling is the first phase of the project. Staff will seek approval for the equipping phase of the project at a future date.



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## PROJECT DESCRIPTION

1. Drill a domestic water well approximately 1,160 feet deep
2. 20-inch diameter stainless steel well casing and screen
3. Development and test pumping
4. All other incidental work



## BID PROCESS

1. October 8, 2019 – Project advertised
2. October 15, 2019 – Prebid conference
3. November 6, 2019 – Bids opened
4. Seven bids received



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## BID RESULTS

Rank	Vendors	City Location	Bid Total
1	<b>Best Drilling and Pump, Inc.</b>	<b>Colton, CA</b>	<b>\$1,599,900</b>
2	South West Pump and Drilling, Inc.	Coachella, CA	\$1,726,155
3	Zim Industries, Inc.	Bakersfield, CA	\$1,957,065.04
4	Nor-Cal Pump and Well Drilling	Yuba City, CA	\$2,124,950
5	Yellow Jacket Drilling Services, LLC	Phoenix, AZ	\$2,171,109
6	Pacific Coast Well Drilling, Inc.	Templeton, CA	\$2,387,975
7	Layne Christensen Company	Redlands, CA	\$2,500,500

► Engineer's Construction Cost Estimate

\$2,287,600



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## PROJECT BREAKDOWN

Project and Fiscal Breakdown		Total Project
<b>Work Type:</b>	<b>Performed By:</b>	<b>Amount:</b>
Planning and Design	Internal Staff	\$90,110
Construction	Best Drilling and Pump, Inc.	\$1,599,900
Construction Support	Internal Staff	\$30,000
Engineering Support, Construction Management and Inspection	Internal Staff	\$120,000
Hydrogeologist Services	Vendor to be Determined (Consultant Panel)	\$100,000
Construction Contingencies	N/A	\$159,990
<b>Work Order Total:</b>		<b>\$2,100,000</b>
Reimbursements:		None
<b>Anticipated Start Date:</b>		<b>January 2020</b>
<b>Anticipated Duration:</b>		<b>4 Months</b>



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## RECOMMENDATIONS

That the Board of Public Utilities:

1. Award Bid No. RPU-7716 for the construction of the Gage 29-3R Groundwater Well Replacement Project (Phase I) to Best Drilling and Pump, Inc., of Colton, California, in the amount of \$1,599,900;
2. Authorize change order authority in the amount of 10% or \$159,990 for Bid No. RPU-7716 for the construction of the Gage 29-3R Groundwater Well Replacement Project (Phase I); and
3. Approve the capital expenditure for Work Order No. 1623725 in the amount of \$2,100,000 which includes all design, construction, construction support, contract administration, inspection and construction change order authority costs for the Gage 29-3R Groundwater Well Replacement Project (Phase I).



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