



Exploratory Utility Pothole Work for the Jackson Street 24-Inch Recycled Water Pipeline Project (Phase II)

Riverside Public Utilities

Board of Public Utilities
October 23, 2017

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BACKGROUND

1. Jackson Street 24-inch Recycled Water Pipeline Project (Phase I)
 - a) Awarded on June 12, 2017
 - b) Currently under construction
2. Jackson Street 24-inch Recycled Water Pipeline Project (Phase II)
 - a) Currently in design
3. Potholing is needed to confirm the location of existing utilities



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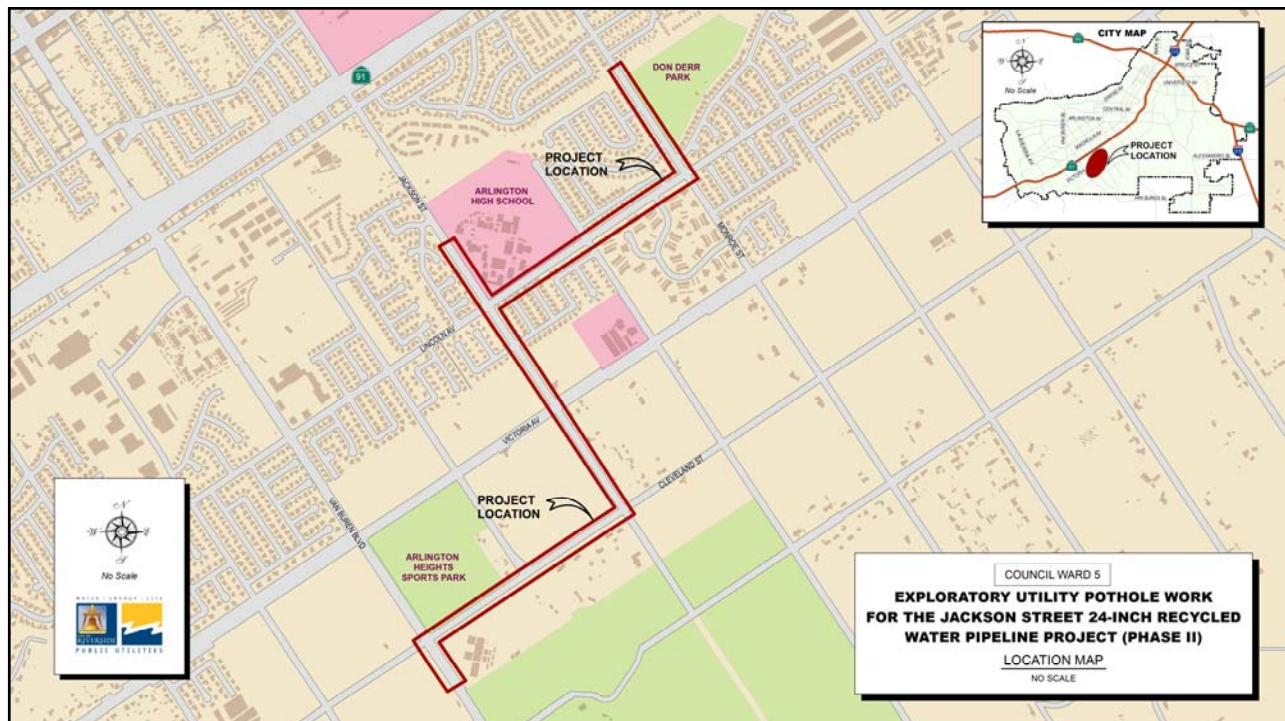
BACKGROUND (CONT.)

4. The overall project cost for the Phase II pipeline is estimated at \$7,000,000.
5. A budgetary amount is included in this work order authorization to cover upfront costs for the pipeline design of Phase II by RPU staff.



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PROJECT DESCRIPTION

1. Forty-nine utility potholes



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PROJECT DESCRIPTION (CONT.)

2. Pavement spot repairs per Public Works standards



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BID RESULTS

	<u>COMPANY</u>	<u>CITY LOCATION</u>	<u>BID TOTAL</u>
1.	Innerline Engineering Inc.	Corona, CA	\$88,022.00
2.	T.E. Roberts, Inc.	Orange, CA	\$95,441.00
3.	CHI Construction	Anaheim, CA	\$117,700.00
4.	Weka, Inc.	Highland, CA	\$142,208.00
5.	Michels Pipeline Construction, a division of Michels Corporation	Brownsville, WI	\$241,200.00
6.	Trautwein Construction Co., Inc.	Riverside, CA	\$297,300.00

► Engineer's Construction Cost Estimate \$100,000



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PROJECT BREAKDOWN

Project Breakdown:	
Engineering Performed By:	RPU Engineering staff
Construction to be Performed By:	Innerline Engineering Inc.
Anticipated Start Date:	November 2017
Anticipated Duration:	2 months
Coordination Required With:	▪ City of Riverside Public Works Department
Reimbursements:	None



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PROJECT BUDGET BREAKDOWN

Description	Cost	Percent of Total
Design	\$9,978.00	7.5%
Construction (Innerline Engineering, Inc.)	\$88,022.00	66.2%
Construction Contingencies	\$10,000.00	7.5%
Construction Management and Engineering Support	\$10,000.00	7.5%
Inspection and Geotechnical Testing	\$15,000.00	11.3%
Total for the Potholing Work	\$133,000.00	100.0%
Budgetary Amount to Cover Upfront Costs for the Pipeline Design	\$300,000.00	
Work Order Total	\$433,000.00	



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RECOMMENDATIONS

That the Board of Public Utilities:

1. Award a contract for the construction of the Exploratory Pothole Work for the Jackson Street 24-Inch Recycled Water Pipeline Project (Phase II) – Bid No. RPU-7510 to the lowest responsive and responsible bidder, Innerline Engineering, Inc. of Corona, California, in the amount of \$88,022.00; and
2. Approve the capital expenditure of \$433,000 for Work Order No. 1623724, which includes all design, construction, paving, contract administration, inspection and construction contingency costs for the Exploratory Utility Pothole Work for the Jackson Street 24-Inch Recycled Water Pipeline Project (Phase II). A budgetary amount is also included to cover upfront costs for the pipeline design by RPU staff.



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