



Exploratory Utility Pothole Work for the Magnolia Avenue Techite Replacement Project

Riverside Public Utilities

Board of Public Utilities
January 8, 2018

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BACKGROUND

1. Public Works Department street improvement project along Magnolia Avenue between Buchanan Street and Tyler Street.
2. Magnolia Avenue Techite Pipe and Pressure Reducing Station Replacement Project.
 - a) 5,500 feet of new CML&C Steel Pipe
 - b) 2,000 feet of new 12-inch ductile iron pipe
 - c) New PRS
3. Potholing is needed to confirm the location of existing utilities.



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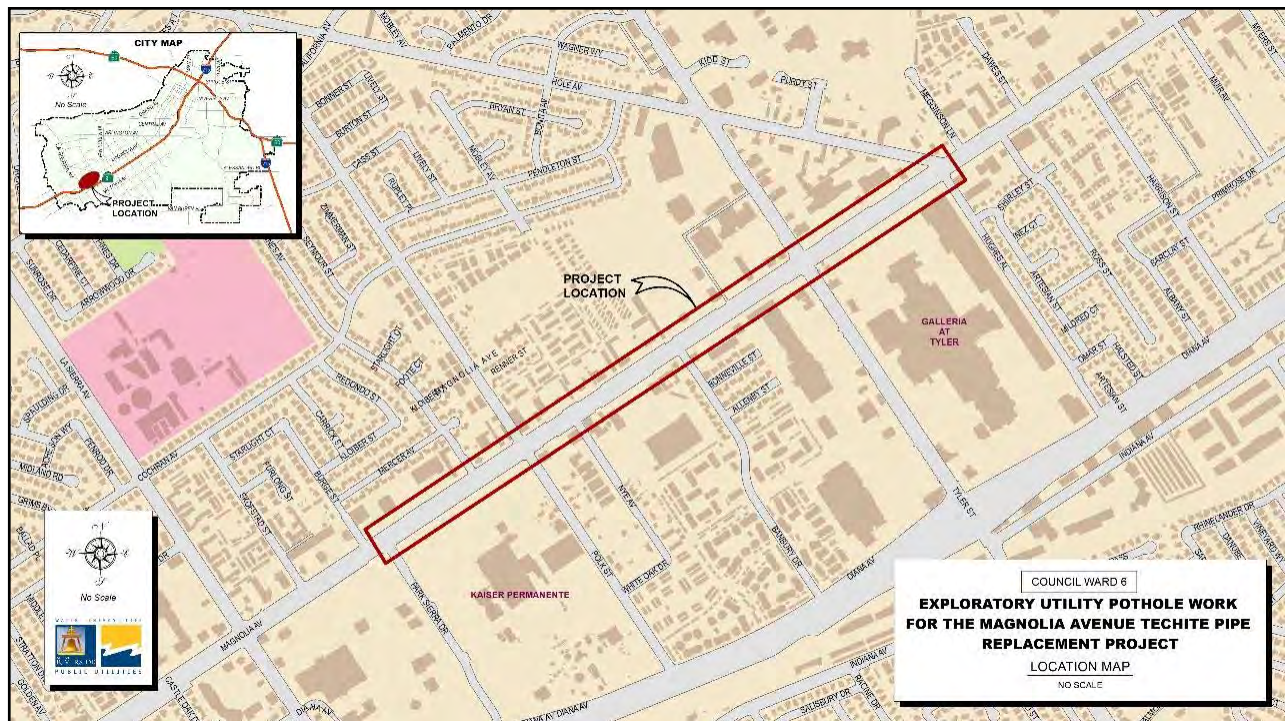
BACKGROUND (CONT.)

4. The overall project cost for the pipeline and pressure reducing station is estimated at \$5,700,000.
5. A budgetary amount is included in this work order authorization to cover upfront costs for the pipeline design by RPU staff.



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PROJECT DESCRIPTION

1. Seventy-four 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.	T.E. Roberts, Inc.	Orange, CA	\$153,151.00
2.	Weka, Inc.	Highland, CA	\$224,083.00

► Engineer's Construction Cost Estimate \$150,800



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PROJECT BREAKDOWN

Project Breakdown:	
Engineering Performed By:	RPU Engineering staff
Construction to be Performed By:	T.E. Roberts Inc.
Anticipated Start Date:	February 2018
Anticipated Duration:	1 month
Coordination Required With:	▪ City of Riverside Public Works Department
Reimbursements:	None



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PROJECT BUDGET BREAKDOWN

Description	Cost	Percent of Total
Design	\$15,533.90	6.6%
Construction (T.E. Roberts, Inc.)	\$153,151.00	65.4%
Construction Contingencies	\$15,315.10	6.5%
Construction Management and Engineering Support	\$10,000.00	4.3%
Inspection	\$40,000.00	17.1%
Total for the Potholing Work	\$234,000.00	100.0%
Budgetary Amount to Cover Upfront Costs for the Pipeline Design	\$250,000.00	
Work Order Total	\$484,000.00	



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RECOMMENDATIONS

That the Board of Public Utilities:

1. Award a contract for the construction of the Exploratory Utility Pothole Work for the Magnolia Avenue Techite Pipe Replacement Project – Bid No. RPU-7528 to the lowest responsive and responsible bidder, T.E. Roberts, Inc. of Orange, California, in the amount of \$153,151; and
2. Approve the capital expenditure of \$484,000 for Work Order No. 1612632, which includes all design, construction, paving, contract administration, inspection and construction contingency costs for the Exploratory Utility Pothole Work for the Magnolia Avenue Techite Pipe Replacement Project. A budgetary amount is also included to cover upfront costs for the pipeline design by RPU staff.



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