



# RIVERSIDE PUBLIC UTILITIES

## Board Memorandum

**BOARD OF PUBLIC UTILITIES**

**DATE:** MARCH 25, 2019

**ITEM NO:** 7

**SUBJECT:** POTABLE WATER EMERGENCY INTERCONNECTION WITH CITY OF NORCO – 275 FEET OF NEW POTABLE WATER PIPELINE – WORK ORDER NO. 1904589 FOR \$340,000 – SUPPLEMENTAL APPROPRIATION IN THE AMOUNT OF \$340,000

**ISSUES:**

Recommend that the City Council approve Work Order No. 1904589 in the total amount of \$340,000 for all design, construction, paving and construction contingency costs for the Potable Water Emergency Interconnection with the City of Norco and authorize a supplemental appropriation for the project in the amount of \$340,000.

**RECOMMENDATIONS:**

That the Board of Public Utilities recommend that the City Council:

1. Approve Work Order No. 1904589 in the total amount of \$340,000 for all design, construction, paving, and construction contingency costs for the Potable Water Emergency Interconnection with the City of Norco; and
2. Authorize a supplemental appropriation in the amount of \$340,000 from Water Cash Reserves and appropriate expenditures to the Public Utilities System Expansion Account No. 6230000-470701 to fund the Potable Water Emergency Interconnection with the City of Norco.

**BACKGROUND:**

On December 10, 2018, the Board of Public Utilities (Board) recommended that the City Council (Council) approve an agreement for the sale of potable water in emergencies between the cities of Norco and Riverside for a five-year term. On February 12, 2019, the Council subsequently approved the agreement.

In order for Riverside and Norco to exchange potable water in emergencies, construction of an interconnection between the two (2) water systems is necessary. The interconnection is proposed at the terminus of an existing Riverside Public Utilities (RPU) 16-inch water pipeline in Arlington Avenue near the intersection of Crestview Drive (the city limits between Riverside and Norco).

As part of the agreement for the sale of potable water in emergencies, Norco will reimburse RPU 50% of the costs to construct the interconnection. Staff will seek reimbursement from Norco at the conclusion of the project once the total costs have been determined.

**DISCUSSION:**

The work will entail the construction and installation of approximately 25 linear feet of 8-inch ductile iron pipe, 50 linear feet of 10-inch ductile iron pipe, 200 linear feet of 12-inch ductile iron pipe, one (1) bi-directional ultrasonic flow meter, two (2) pressure reducing valves, electrical and instrumentation equipment, and security fencing, along with all necessary fittings, appurtenances, and related incidental work.

Once the emergency interconnection is installed, RPU will be responsible for standard trench repaving per the PW and City of Norco standards. Trench repaving for pipeline projects constructed by the RPU Water Field Forces may be performed by the Public Works (PW) Streets Division. However, if the backlog of the PW Streets Division projects precludes the paving to occur on schedule, staff will solicit paving bids from RPU's Paving Contractor Panel. A budgetary estimate for the paving work has been included in this authorization.

Staff has coordinated with PW and the City of Norco regarding the allowable working hours for the project. The work will occur during normal daytime working hours. An electrical service is needed to supply power for certain components of the interconnection and will be installed by RPU Electric Field Crews. The work identified will be constructed by RPU Water Field Forces and will not disrupt service to RPU water customers.

The project/fiscal breakdown is as follows:

<b>Project and Fiscal Breakdown</b>		
Work Type:	Performed By:	Amount (\$):
Planning and Design	Internal Staff	\$10,000
Construction	RPU Water Field Forces	\$240,000
Electrical Service	RPU Water Field Forces	\$10,000
Paving Budget	PW Field Crews or Paving Contractor Panel	\$50,000
Construction Engineering Support	Internal Staff	\$5,000
Construction Contingencies	N/A	\$25,000
<b>Work Order Total:</b>		<b>\$340,000</b>
Reimbursements:	50% of Actual Costs by Norco	
<b>Anticipated Start Date:</b>		<b>April 2019</b>
<b>Anticipated Duration:</b>		<b>3 Months</b>

The table identifies the parties that have performed and are expected to perform various portions of the project. Should there be a need to seek additional services using the formal procurement process, such items will be brought before the Board for consideration and action.

**FISCAL IMPACT:**

The total estimated project cost is \$340,000. This project came about as the agreement for emergency potable water was being negotiated with Norco and consequently was not budgeted as part of the current fiscal year, and thus funding is needed to construct this project. The requested supplemental appropriation would move funding from cash reserves to the Public Utilities System Expansion Account No. 6230000-470701. Adequate cash reserves are available to fund this supplemental appropriation in the Water

Unrestricted, Undesignated Reserve Account 000520-101000. Norco will reimburse RPU 50% of actual costs upon completion of the project, which is approximately \$170,000.

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Approved by: Todd M. Corbin, Utilities General Manager  
Approved by: Al Zelinka, FAICP, City Manager  
Approved as to form: Gary G. Geuss, City Attorney

Certifies availability  
of funds: Aileen Ma, Interim Utilities Assistant General Manager/Finance & Administration

Attachments:

1. Project Site Map
2. Presentation