



# SUPPLEMENTAL AGREEMENT WITH KENNEDY/JENKS CONSULTANTS, INC. FOR THE FOCUSED WATER SYSTEM MASTER PLAN

---

Board of Public Utilities  
July 27, 2020

# BACKGROUND

## RPU Water distribution system

1. 310,000 people served
2. 16 Reservoirs
3. 40 Boosters / 28 Pressure Reducers across 44 pressure zones.
4. 923 miles of distribution pipeline
5. 66,000 service connections

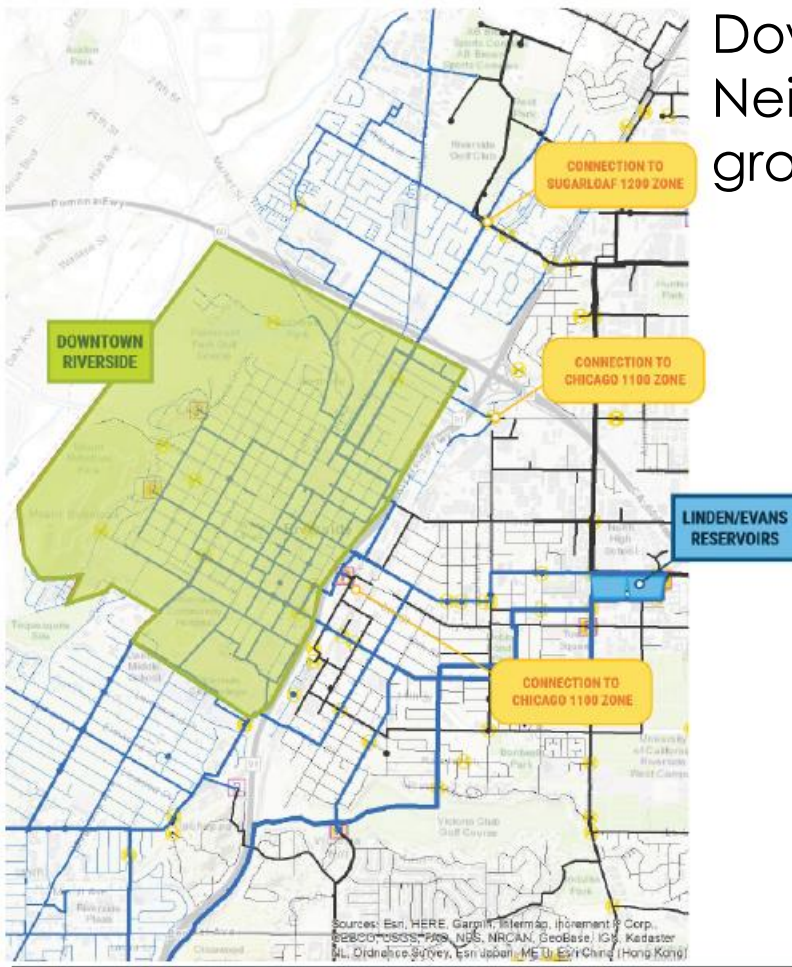
# BACKGROUND

1. RPU evaluates the water system about every 5 years to identify areas of deficiencies within water system
2. Changes since last update in 2013:
  - a. The City's overall water demands are trending lower
  - b. Downtown Neighborhood is experiencing higher than anticipated growth
  - c. Neighboring water agencies have shown an interest in leasing water conveyance capacity within RPU's system

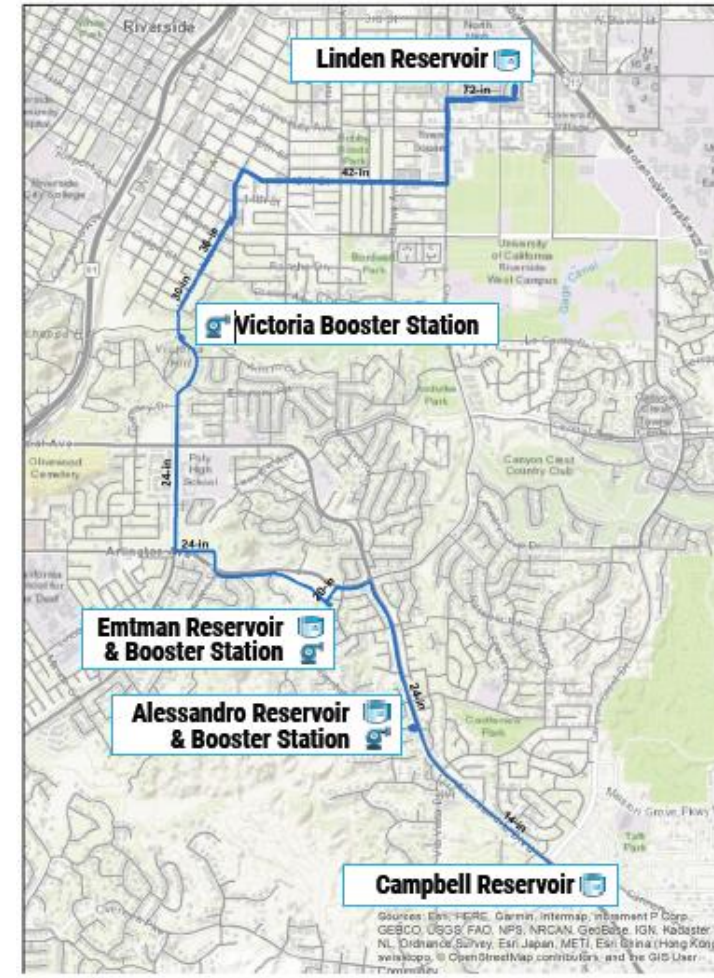
# BACKGROUND

Focused Plan will look at the following impacts:

Downtown  
Neighborhood  
growth



Ability to  
wheel/sell  
surplus water to  
neighboring  
agencies



# BACKGROUND

The Focused Water System Master Plan will include the scope of work:

1. Update water demand projections
2. Review RPU's existing design standards
3. Update RPU's hydraulic model
4. Identify system deficiencies
5. Capital improvement planning to address system deficiencies

# DISCUSSION

On May 25, 2020, two consulting firms submitted proposal to RFP No. 2013

| Consultant                             | Location            | Amount              | Rank     |
|--|---------------------|---------------------|----------|
| <b>Kennedy/Jenks Consultants, Inc.</b> | <b>Pasadena, CA</b> | <b>\$120,998.00</b> | <b>1</b> |
| Carollo Engineers, Inc.                | Riverside, CA       | \$191,810.00        | 2        |
| ➤ Engineer's Estimate                  |                     | \$150,000.00        |          |

# DISCUSSION

## Project/fiscal breakdown

| Project and Fiscal Breakdown     |                                 |             |
|----------------------------------|---------------------------------|-------------|
| Work Type                        | Performed By:                   | Amount (\$) |
| Focused Water System Master Plan | Kennedy/Jenks Consultants, Inc. | \$120,998   |
| Reimbursements                   | None                            |             |
| Anticipated Start Date:          | August 2020                     |             |
| Anticipated Duration:            | 10 Months                       |             |



# BENEFITS

The Focused Water System Master Plan will provide the following benefits:

1. Evaluation of system demands and fire flow requirements for anticipated growth in the City's Downtown Neighborhood and identification of future system needs
2. Evaluation of current water system limitations related to water deliveries to neighboring agencies and identification of opportunities to bolster deliveries
3. Prioritization of future capital improvement projects to address system deficiencies and improve the reliability and resiliency of RPU's water system



# RECOMMENDATIONS

That the Riverside Public Utilities Board:

1. Approve a Supplemental Agreement for the Focused Water System Master Plan with Kennedy/Jenks Consultants, Inc. of Pasadena, California in response to Request for Proposal No. 2013 in an amount not to exceed \$120,998; and
2. Authorize the City Manager, or his designee, to execute a Supplemental Agreement with Kennedy/Jenks Consultants, Inc. including making minor and non-substantive changes and to sign all documents and instruments necessary to complete the transactions.