



# **PURCHASE ORDER WITH TRANE U.S. INC. FOR MAINTENANCE AND REPAIRS ON THE AIR INLET CHILLERS AT RERC**

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**Riverside Public Utilities**

Board of Public Utilities  
August 24, 2020

# BACKGROUND

## RERC Air Inlet Chiller Units

1. RERC has two air inlet chillers on site  
Chillers are shared – one for each two-unit pair
2. Major components of the plant system
3. Critical units for meeting RPU's electricity demands
4. Maintenance necessary to address normal wear and tear
5. Air Chiller Units are regulated by the California Air Resource Board

# RERC UNITS 1 & 2 AIR INLET CHILLER



Air Inlet Chiller System is shared between 2 units

# RERC UNITS 3 & 4 AIR INLET CHILLER

Air Inlet Chiller System is shared between 2 units



# DISCUSSION

## 1. Staff contacted Trane

- a. OEM
- b. Existing contract with U.S. Communities
- c. Record of excellent service

## 2. Two-year maintenance proposal

- a. Preventative Maintenance and Inspection Contract
- b. Inspections provide a closer look into equipment condition
- c. As needed repairs from normal wear and term anticipated
- d. Trane addressing repairs at its earliest stage most cost-effective approach that ensures plant reliability



# RECOMMENDATION

That the Board of Public Utilities approve the issuance of a purchase order with Trane U.S. Inc. for the maintenance and as-needed repairs on the air inlet chillers at the Riverside Energy Resource Center from September 1, 2020 through September 30, 2022 for \$74,179.50 per year for a two-year total of \$148,359.