

ENERGY/WATER RESOURCES AUDIT & IMPLEMENTATION OF ENERGY AND WATER RESOURCES EFFICIENCY IMPROVEMENT PROJECT

Pre-Proposal Meeting

August 14, 2024

SUMMARY OF PROJECT GOALS

- ▶ To meet energy use reduction, climate and emergency needs:
 - ▶ Microgrid City Hall Complex
 - ▶ Provide PV/Battery backup for the Corporation Yard
 - ▶ Build out Fleet EV Infrastructure for expansion at the City Hall Complex and the Corporation Yard, potentially including V2B and V2G options.
 - ▶ Other improvements to assist in overall project financing that reduces monthly costs and has no initial capital cost
 - ▶ Other goals, as outlined in the RFP

CITY FACILITIES

- ▶ City Hall Complex (201/203 West Sierra Avenue, 216 East School Street)
 - ▶ City Hall
 - ▶ Police Station
 - ▶ Civic Center
 - ▶ Cotati Room
- ▶ Public Works Corporation Yard (1 Trebino Court)
- ▶ Cotati Train Depot (970 East Cotati Avenue)
- ▶ 12 Municipal Parks, Plus Ranch
- ▶ 24 Centerline miles of roads, including street lights and traffic signals
- ▶ 3 Municipal Wells, 4 sewer lift stations

HISTORY OF ENERGY PROJECTS

- ▶ City Hall Complex (201/203 West Sierra Avenue)
 - ▶ City Hall (Lighting retrofits, some smart thermostat work, partial new windows/exterior insulation)
 - ▶ Police Station (LEED Certified when built in 2005)
 - ▶ Civic Center (Solar array for the police building, recently removed, new metal roof installed)
 - ▶ Cotati Room (Heat pump water heater)
- ▶ Cotati Train Depot (970 East Cotati Avenue)
 - ▶ PV array
 - ▶ Heat pump water heater
- ▶ Corporation Yard (1 Trebino Court)
 - ▶ Heat pump water heater
- ▶ All city owned streetlights and traffic signals retrofitted with LEDs
- ▶ Radio read customer water meters throughout system
- ▶ Municipal Well VFDs
- ▶ 5 Level 2 public EV chargers
- ▶ 5 Level 2 Fleet EV chargers (2 at City Hall, 3 at Police Station)
- ▶ 2 out of 3 City Hall fleet vehicles are EV. 5 police patrol vehicles are upfit EVs.

CITY HALL COMPLEX



- ▶ City Hall built approximately 1930
 - ▶ Approx. 9,800 SF of conditioned space
- ▶ Civic Center built approx. 1960's
 - ▶ Approx. 9,800 SF of conditioned space
 - ▶ Cotati Room: Approx. 2,000 SF of conditioned space
- ▶ Police Building built 2005
 - ▶ Approx. 11,000 SF of conditioned space

COTATI TRAIN DEPOT



- ▶ Built approximately 2013
- ▶ Approx. 1,900 SF of conditioned space

CORPORATION YARD



- ▶ Built approximately 1995
- ▶ Approx. 1,600 SF of conditioned space

QUESTIONS?

- ▶ Submit in writing no later than August 15, 2024 in writing.
 - ▶ dobid@cotaticity.org
- ▶ City will respond to questions in writing and post on the City website with the RFP prior to the proposal due date