



# Approve Purchase of Battery Electric Buses and Selected Components From Proterra, Inc. Using State Cooperative Purchasing Contract

City Council Meeting  
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# PROJECT BACKGROUND

- Initial four Battery-Electric Buses (BEBs) were ordered to replace existing diesel transit buses and should be delivered Fall 2022
- Proposed purchase continues CityBus' deployment of Zero-Emissions Transit Buses
- Proposed purchase informed by CADMUS study of CityBus fleet electrification needs (funded by Sonoma Clean Power), as well as staff research and survey of operators with current BEB deployments

# FUNDING

- Proposed purchase supported by various funding sources including formula and discretionary awards from Federal Transit Administration (FTA) 5307 and 5339(b) Bus & Bus Facilities Program, State awards from Affordable Housing and Sustainable Communities, Low Carbon Transit Operations Program, Transportation Fund for Clean Air
- Required Match using Transit's Transportation Development Act (TDA) reserves
- Will pursue CA HVIP funding for potential reduction of cost

# PURCHASING MECHANISM

- CA Department of General Services State Cooperative Purchasing Contract (SCPC) for Zero-Emissions Transit Buses
  - Meets FTA procurement requirements
  - Achieves greater economy of scale than stand-alone RFP
  - Three qualifying manufacturers: New Flyer, Proterra, and BYD

# VEHICLE SELECTION

- Must be able to perform the majority of CityBus vehicle “blocks” (150-170 miles) on one charge, based on CADMUS study of energy use per mile
- Need some State of Charge (SOC) on return to MSC for safety, reliability
- Expect ~2% battery degradation annually
- Only one bus on State Contract able to meet range requirements over multiple years

# PROPOSED PURCHASE

- Purchase five Proterra 675 kWh 40' buses to ensure adequate range and state of charge to operate CityBus vehicle blocks on a single charge

# RECOMMENDATION

- It is recommended by the Transportation and Public Works Department that the Council, by resolution:
  - 1) approve the Cooperative Procurement purchase under the California Department of General Services State Cooperative Purchase Contract 1-19-23-17C of five 40-foot Battery Electric Buses and selected components from Proterra, Inc, Burlingame, California;
  - 2) authorize the Purchasing Agent to issue a purchase order to Proterra Inc in an amount not to exceed \$6,500,000;
  - 3) authorize the Director of Transportation and Public Works or his designee to execute all documents, including any necessary agreement(s) to affect the purchase, subject to approval as to form by the City Attorney; and
  - 4) authorize the Chief Financial Officer to pay all proper claims for this purchase from the Transit Capital Fund.
- Questions?