

State-of-the-Art Bus Mobile Validators for TAP Municipal Operators

Finance, Budget and Audit Committee

July 19, 2023



Metro

Background

- In 2012, the Board approved the purchase of 1,000 Bus Mobile Validators for 15 municipal operators. These BMVs unite the region with one fare collection system which offers seamless travel to all transit customers
- Unfortunately, the current BMVs are now over 10 years old, have exceeded their life expectancy, and are no longer manufactured
- Metro will not be able to add additional transit agencies or allow for expansion of buses for existing TAP partner agencies
- In addition, these old BMVs will not accommodate open payment technology (use of credit and debit cards as payment), and will not read barcodes for event or Metrolink ticketing

State-of-the-Art BMVs

- The new BMVs will:
 - Provide seamless fare collection on 21 Regional municipal operators' buses including Foothill Transit's transit stores, UCLA Transportation Office, and for special events
 - Enhance the customer experience:
 - Open payment and account-based ready
 - Operates faster
 - Utilizes 4G LTE cellular communications
 - Offers enhanced transaction security
 - Meets future capacity needs of Regional programs such as GoPass, Low Income Fare is Easy (LIFE), and fare capping by increasing delivery of autoloads from 30,000 in 30 minutes to 100,000 in 10 minutes
- This is the same device the Board approved in February 2022 for Metro's All-Door Boarding program



Funding

- TAP received \$2,456,000 of grant funding from the California Transportation Commission (CTC) as part of the Local Partnership Program (LPP)
- Metro will provide a local match of \$2,456,000. Total LOP budget of \$4,912,000
- \$500,000 is required in fiscal year 2024 for this contract modification, and the funding is included in the FY2024 Adopted budget

Next Steps

- Upon Board approval, staff will execute the contract modification and extend a limited notice-to-proceed to the vendor to order the new state-of-the-art BMVs
- Delivery of the BMVs will occur in July 2024
- Installation of Muni BMVs begins August 2024 and will conclude by November 2024



Recommendation

- AUTHORIZE the Chief Executive Officer to execute Modification No. 165.01 to Contract No. OP02461010 with Cubic Transportation Systems, Inc. ("Cubic"), for the purchase and installation of 1,118 new state-of-the-art Bus Mobile Validators (BMVs) for the 21 Regional municipal operators and muni transit stores and special events, in the amount of \$4,032,850, increasing the total contract value from \$401,615,864 to \$405,648,714.