

Autonomous Vehicle Shuttle Pilot Provider - Contract Award



**TREASURE ISLAND
MOBILITY MANAGEMENT AGENCY**

TIMMA Committee — Agenda Item 4
October 18, 2022

Purpose and Objectives

The Treasure Island Autonomous (AV) Shuttle Pilot is a demonstration of AV technology, testing AVs in a shared public service application

- Demonstrate operational capabilities of shared AV in a mixed-use environment
- Gather data on perceptions of AVs from riders and non-riders and share lessons learned
- Explore labor/workforce development, educational, and economic development opportunities through community partnerships

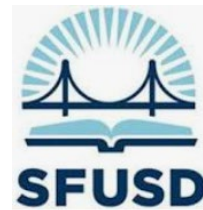
AV Shuttle Pilot Project Overview

- Temporary, 9-month demonstration of AV shuttle service on Treasure Island
- Free rides for passengers
- On-board attendant present at all times
- All electric, accessible vehicles
- Pre-pilot testing period without passengers
- Funded by federal ATCMTD, IDEA SAV grants, and Prop K



Community Partnerships

- Exposure to AV industry
- Engagement with labor groups to explore job pathways and skillsets in AV industry
- Explore programming for students and trade schools
- Promotional opportunities to support local businesses



Community Engagement

- Phase 1 - Planning
 - Town Hall to introduce the shuttle pilot service and community partnerships (October 25)
 - Online survey in English, Spanish, Chinese (through October 31)
 - Community partnerships (ongoing)
- Phase 2 - Meet the Operator
 - Introduction to the Operator
 - See the vehicle
- Phase 3 - Launch and Service
 - Rider and community feedback to guide adjustments
- Phase 4 - Evaluation
 - Post-pilot perceptions

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Potential Route and Stops



Provider Procurement

- Request For Proposals issued May 23, 2022
- Three proposals received on July 6, 2022
- Two firms interviewed on August 23 and 24, 2022
- Selection Panel included representatives from SFCTA/TIMMA, SFMTA, TIDA and MTC
- Panel recommends operating agreement award to Beep Inc.
 - Larger vehicle capacity
 - Already in permitting process for California
 - Extensive experience and qualifications with education and workforce development
 - Meets DBE goal of 3%

Provider Scope of Work

- Develop plans for Safety Management; Data Management; Training; Operations & Maintenance; Evaluation and Reporting
- Acquire regulatory approvals
- Conduct vehicle testing and required training for staff and public agency personnel
- Perform operations providing all necessary staffing needs, including operator
- Support TIMMA in community outreach and partnerships throughout the pilot
- Provide customer service for questions and complaints
- Conduct project evaluation including data collection and analysis

Pilot Project Schedule

- October 2022 - Provider approval
- Fall 2022 - Operating Agreement, regulatory approvals
- Winter 2022/23 - Testing and training
- March - November 2023 - AV Shuttle passenger service, data collection and reporting
- Spring 2024 - Evaluation and final report

Proposed Action

- Recommend awarding a two and a half-year operating agreement to Beep Inc. in an amount not to exceed \$825,000 to provide autonomous vehicle shuttle pilot project services on Treasure Island
- Recommend authorizing the Executive Director to negotiate operating agreement payment terms and non-material terms and conditions

Thank you.

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