

Treasure Island Mobility Management Program

Focus on Autonomous Shuttle Pilot

TIMMA Committee

Agenda Item 3



TREASURE ISLAND MOBILITY MANAGEMENT AGENCY

October 4, 2018

Advanced Transportation and Congestion Management Deployment (ATCMTD)



- ▶ **Grantor:** Federal Highway Administration (FHWA)
- ▶ **Purpose:** Deploy advanced transportation technologies to improve safety, efficiency, system performance, and infrastructure return on investment.
- ▶ Autonomous Vehicle shuttle test to provide first-last mile circulation around Treasure Island
- ▶ Connection for transit riders using the transbay buses or a future ferry service



RFP for Conceptual Design, Operation, and Evaluation of AV Shuttle Pilot



- ▶ Pilot study includes understanding AV shuttle routes, spacing of stations, frequency of service, traveler demand and capacity, operation and maintenance
- ▶ Educate and involve stakeholders in deployment of AV technology
- ▶ Demonstrate an innovative service model
- ▶ Understand fleet management requirements
- ▶ AV shuttle vendor selection in 2020, deployment in 2021



RFP for Conceptual Design, Operation, and Evaluation of AV Shuttle Pilot



- ▶ RFP for system manager services on July 2018 attracted 16 firms to a pre-proposal conference
- ▶ Advertisement in various local newspapers and distribution of RFP to local businesses, chambers of commerce, and small business councils
- ▶ Received 6 proposals. TIMMA panel interviewed 5 firms in September 2018



Recommendation to Award Contract for AV Shuttle Pilot Project



- ▶ Three-Year Contract for \$250,000
- ▶ HNTB received the highest score
- ▶ Best understanding of AV technologies
Experience on similar projects across the country - City of Columbus, Smart Columbus Shuttle Project.
- ▶ 12% DBE utilization from 3 subconsultants: Tollpoint LLC, Virginkar & Associates, KL Bartlett Consulting



Thank You



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