

Metropolitan Transportation Commission
Regional Network Management Committee

November 3, 2023

Agenda Item 2f

**Contract – Innovative Deployments to Enhance Arterials Shared Automated Vehicle
Program: Treasure Island Automated Shuttle Evaluation – Kittelson & Associates, Inc
(\$225,000)**

Subject:

Request for approval of a contract with Kittelson & Associates, Inc. (Kittelson) to conduct an evaluation of an automated shuttle deployment on Treasure Island in an amount not to exceed \$225,000. The term of the contract is expected to be until October 31, 2024, with an option to extend for up to an additional 2 years.

Background:

The MTC Innovative Deployments to Enhance Arterials Shared Automated Vehicle (IDEA SAV) Program assists public agencies with deploying automated vehicles (AV) and complementary technology solutions to improve transit service and equity. In February 2022, the MTC Operations Committee awarded the San Francisco County Transportation Authority as the Treasure Island Mobility Management Agency (TIMMA) an IDEA SAV grant in the amount of \$828,000 to extend pilot operations of the Treasure Island free on-island autonomous vehicle shuttle, called the Loop. The IDEA SAV grant supplements a federal grant that TIMMA received to implement elements of the Treasure Island Transportation Improvement Plan. The Loop, which launched on August 16, 2023, was initially planned to run for three months; the IDEA SAV grant extends pilot operations for an additional six months. MTC will lead an independent evaluation specifically for the additional six-month phase of the shuttle service (Project) to supplement a TIMMA evaluation and assess how the shuttle deployment meets selected TIMMA project and IDEA SAV program goals. The selected consultant will lead the planning and execution of the MTC independent evaluation.

Procurement Process:

In July 2021, after a competitive procurement process, the MTC Operations Committee approved the 2021 Transportation Engineering and Planning Services Bench (2021 TEP Bench) comprised of 38 pre-qualified firms divided among five service categories. On July 13, 2023 MTC invited all firms pre-qualified on the 2021 TEP Bench, in Service Categories B Connected and Automated Vehicles, Traffic Sensors, and Other Advanced Technologies, and/or E: Transit Planning and Engineering as a prime contracting firm to propose for this project. On the closing date of August 14, 2023, MTC received eight responsive proposals.

An evaluation panel comprised of MTC and TIMMA staff reviewed the proposals based upon the following evaluation criteria, with relative weights indicated in percentages: 1) Qualifications and Team Experience (30%); 2) Approach (25%); 3) Cost Effectiveness (20%); 4) Price (15%) and; 5) Presentation (10%). After initial evaluation, the panel shortlisted and invited Kittelson; Jacobs Engineering Group, Inc. and; Arcadis (formerly IBI Group) as the firms with the highest scores and confidence to proceed with the project to interviews. After interviews, the panel updated their final scores for the firms.

The table below provides the final ranking based upon the panel evaluations:

| Ranking | Consultant |
|----------------|--------------------------------|
| 1 | Kittelson & Associates, Inc. |
| 2 | Jacobs Engineering Group, Inc. |
| 3 | WSP USA, Inc. |
| 4 | Cambridge Systematics, Inc. |
| 5 | Atkins North America, Inc. |
| 6 | Arcadis (formerly IBI Group) |
| 7 | Advanced Mobility Group |
| 8 | AECOM Technical Services, Inc. |

Based on the results of the proposal evaluations, the panel recommends the selection of Kittelson. Kittelson demonstrated its qualifications and experience with both independent evaluations and connected/automated vehicle technology deployment. The team also

demonstrated strong project management capability in its proposed approach to the project. Kittelson is neither a small business enterprise (SBE) nor a disadvantaged business enterprise (DBE). A summary of their subconsultant SBE and/or DBE Status is included in Attachment A.

Issues:

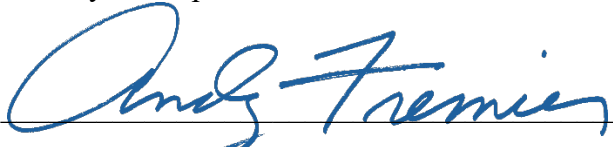
None identified.

Recommendations:

Staff recommends that the Regional Network Management Committee authorize the Executive Director or designee to enter into a contract with Kittelson & Associates, Inc. in the amount of \$225,000 for the above-described work. The term of the contract shall extend to October 31, 2024 with an option to extend for an additional two (2) years.

Attachments:

- Attachment A: Disadvantaged Business Enterprise and Small Business Enterprise Status
- Request for Committee Approval – Summary of Proposed Contract



Andrew B. Fremier

Disadvantaged Business Enterprise and Small Business Enterprise Status

| | Firm Name | Role on Project | DBE* Yes / No | If DBE Yes, List # | SBE** Yes / No | If SBE Yes, List # |
|------------------|------------------------------|--|--------------------------|-------------------------------|---------------------------|-------------------------------|
| Prime Contractor | Kittelson & Associates, Inc. | Project management, data collection, analysis, evaluation planning and report production | No | N/A | No | N/A |
| Subcontractor | Foursquare ITP | Multi-modal transportation planning | Yes | 45368 | No | N/A |

*Denotes certification by the California Unified Certification Program (CUCP).

**Denotes certification by the State of California.

Request for Committee Approval

Summary of Proposed Contract

Work Item No.: 1238

Consultant: Kittelson & Associates, Inc
Portland, OR

Work Project Title: Innovative Deployments to Enhance Arterials Shared Automated Vehicle Program: Treasure Island Automated Shuttle Evaluation

Purpose of Project: Evaluate the deployment of an automated shuttle deployment on Treasure Island

Brief Scope of Work: The consultant shall plan and execute an evaluation of six months of an automated passenger shuttle pilot, including stakeholder coordination, data collection, writing and analytical tasks.

Project Cost Not to Exceed: \$225,000

Funding Source: Surface Transportation Block Grant

Fiscal Impact: Funding is included in the Fiscal Year 2023-24 MTC Budget

Motion by Committee: That the Executive Director or designee is authorized to negotiate and enter into a contract with Kittelson & Associates, Inc to evaluate the deployment of an automated shuttle deployment on Treasure Island as described above and in the Regional Network Management Committee Summary Sheet dated November 3, 2023 and that the Chief Financial Officer is authorized to set aside \$225,000 for such contract.

Regional Network
Management Committee:

David Rabbitt, Chair

Approved: November 3, 2023