Freeway Service Patrol Automatic Vehicle Locator Request for Proposals

Presented December 17, 2013 by Robert Rich of the
Metropolitan Transportation Commission
Service Authority for Freeways and Expressways
(MTC SAFE)

Note: This document is intended to be a presentation and comprehension aid.

The only authoritative and official source for information on submitting a proposal is the RFP document at http://bids.mtc.ca.gov/procurements/149.

Please refer to that document for instructions on submitting a bid and contact Alice Truong at atruong@mtc.ca.gov if you have any further questions.

Freeway Service Patrol (FSP)

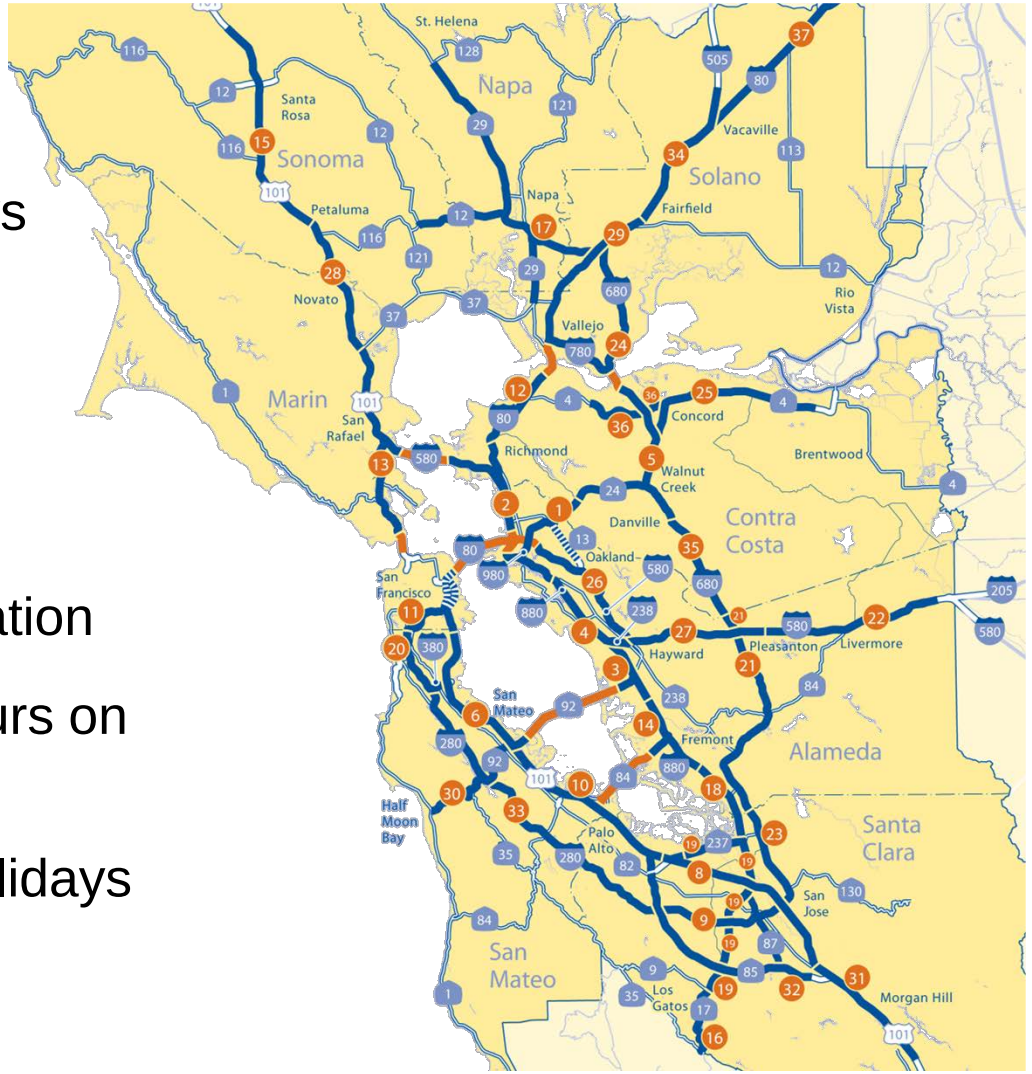
- Clears incidents and debris to reduce congestion
- Assists motorist to get back on the road
- Consists of ≈12 FTEs across 3 agencies
- Contracts out towing to certified operators

Freeway Service Patrol (FSP)

- Metropolitan Transportation Commission Service Authority for Freeways and Expressways (MTC SAFE)
- California Department of Transportation (Caltrans)
- California Highway Patrol (CHP)

Current Program Snapshot

- 36 “Beats”
- All on Major Freeways
- 17 Tow Contractors
- 9 Counties
- ~90 Fleet Vehicles
- Varied hours of operation
  - Peak commute hours on weekdays
  - Some Sundays/Holidays



Request for Proposals (RFP) Deadlines

- **Clarifications/Modifications/Exceptions:** January 3, 2014
- **RFP Protests:** January 9, 2014
- **Proposal Due Date:** January 16, 2014

All deadlines effective at 4:00 PM

Request for Proposals (RFP) Tentative Dates

- **Interviews/Discussions:** January 29-30
- **Possible Requests for Best and Final Offers (BAFOs):** February 3-7
- **Deadline for BAFOs:** February 12
- **MTC Operations Approval:** March 14

Reviewing the RFP

- Tasks and Deliverables (Appendix A 1.0)
- Project Schedule (Appendix A 2.0)
- Requirements Compliance Table (Appendix A 3.0)
- MTC SAFE Standard Contract (Appendix D)
- Instructions and Evaluation Criteria (RFP p. 5-11)
- DBE Requirements (Appendix F)

Submitting your RFP

Key parts of your application:

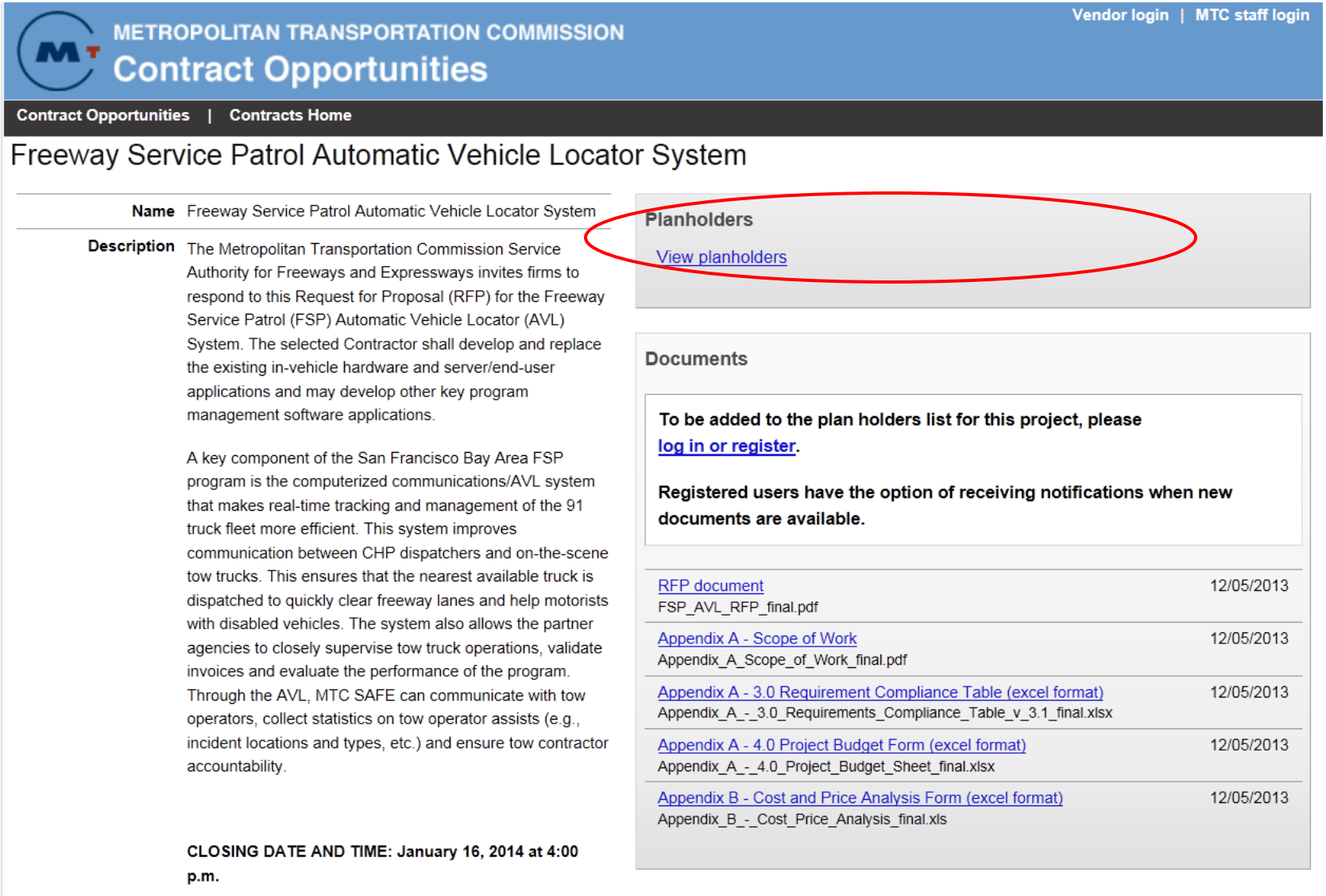
- Work Plan (schedule, management/staffing plan, strategy)
- Project Concept (Requirements Compliance Table, system description, system schematics)
- Qualifications and References (resumes, work sample)
- Cost Proposal (Cost and Price Analysis, Project Budget Forms)
- Appendices B, C, D-1, F and G (*required*)

Reminders

- Forms to submit can be found on website: http://bids.mtc.ca.gov/procurements/149
- Review forms before submitting
- Do not forget to submit a Cost and Price Analysis Form as well as the Project Budget Form
- Submitting ‘None’ on the Requirements Compliance table is OK*

(*as long as a *short* description of the customization work is included)

Register as a Planholder to receive RFP updates



METROPOLITAN TRANSPORTATION COMMISSION
Contract Opportunities

Vendor login | MTC staff login

Contract Opportunities | Contracts Home

Freeway Service Patrol Automatic Vehicle Locator System

Name Freeway Service Patrol Automatic Vehicle Locator System

Description The Metropolitan Transportation Commission Service Authority for Freeways and Expressways invites firms to respond to this Request for Proposal (RFP) for the Freeway Service Patrol (FSP) Automatic Vehicle Locator (AVL) System. The selected Contractor shall develop and replace the existing in-vehicle hardware and server/end-user applications and may develop other key program management software applications.

A key component of the San Francisco Bay Area FSP program is the computerized communications/AVL system that makes real-time tracking and management of the 91 truck fleet more efficient. This system improves communication between CHP dispatchers and on-the-scene tow trucks. This ensures that the nearest available truck is dispatched to quickly clear freeway lanes and help motorists with disabled vehicles. The system also allows the partner agencies to closely supervise tow truck operations, validate invoices and evaluate the performance of the program. Through the AVL, MTC SAFE can communicate with tow operators, collect statistics on tow operator assists (e.g., incident locations and types, etc.) and ensure tow contractor accountability.

CLOSING DATE AND TIME: January 16, 2014 at 4:00 p.m.

Planholders

View planholders

Documents

To be added to the plan holders list for this project, please log in or register.

Registered users have the option of receiving notifications when new documents are available.

RFP document FSP_AVL_RFP_final.pdf	12/05/2013
Appendix A - Scope of Work Appendix_A_Scope_of_Work_final.pdf	12/05/2013
Appendix A - 3.0 Requirement Compliance Table (excel format) Appendix_A_-_3.0_Requirements_Compliance_Table_v_3.1_final.xlsx	12/05/2013
Appendix A - 4.0 Project Budget Form (excel format) Appendix_A_-_4.0_Project_Budget_Sheet_final.xlsx	12/05/2013
Appendix B - Cost and Price Analysis Form (excel format) Appendix_B_-_Cost_Price_Analysis_final.xls	12/05/2013

Current FSP AVL System

- In-vehicle Ranger© units connect to an AVL application running on MTC servers

- CHP dispatchers and the MTC Fleet Manager can monitor vehicle location (in realtime) and the data drivers input (after a delay)

Current FSP AVL System

Streets© by Mentor Engineering

- Provides map-based geofencing and alarms
- Allows for desktop text communications to the in-vehicle Ranger© unit
- Offers real time and historical location reporting (visual and text formats)

Current FSP AVL System

FSP Database

The customized relational tabular database (SQL) includes:

- “Assist” data and log-on data
- Auto-generated lists of rule violations by drivers
- Master records for some administrative functions (scheduling, user authentication)

Desired New Features

- In-Vehicle device provides WiFi and geocodes outgoing data

  (AVL contractor must ensure an adequate supply of programmed units)

- Drivers access the AVL through an application on a contractor-owned tablet

- AVL contractor may either host the system *or* put it on MTC-owned virtual servers

Desired New Features

- A single web-accessible application for all fleet management data
- Integrates other program management functions
  (including invoicing, violations validation, trouble tickets, data reporting, etc.)
- Allows for greater user customization
  (of beat boundaries, alarms, violation parameters, etc.)
- Reports vehicle's assist and work status information in *real time*

Thank you.
We will take your questions now.