

BART Agreement Number: 6M8146

Approval Date: 03/14/2022

Work Plan No. C.03-01 – BART Official App Parking Enhancements & Support

Scope:

1 INTRODUCTION

This work plan makes updates to the MaaS Platform and the BART Official app to add new parking-related feature enhancements and to provide administrative and technical support to the parking program.

1.1 TASK 1 ELECTRICAL VEHICLE PARKING PERMIT

As BART expands its electric vehicle program, a special type of parking permit is needed for those who wish to reserve an electric vehicle parking space. The consultant will modify the MaaS Platform and BART Official app user interface to include this new type of EV permit. EV parking will follow the same business rules as single/multi-day parking but have a separate allocation that can be set by the system administrator. Functional requirements for this new feature are as follows:

1. The App shall allow the user to select Single Day permits (for one or multiple days) for EV charging. Monthly permits are not available for EV charging.
2. The App shall allow the user to purchase permits at any time provided they are available to purchase.
3. All other App features for Single/multi-day Permit Parking will apply to EV charging.
4. The system administrator will be able to configure the parameters at the station level in the parking administrative portal for the EV permit
5. The system administrator will be able to configure the following global parameters in the parking administrative portal. The same parameter will apply to both EV permits and Single/multi-day permits: Days in advance that permit may be canceled; Days in advance that permit may be purchased
6. The App shall only show EV charging as an option at stations that have EV charging and that offer Reserved parking. The backend system must support the expansion of EV permits to additional stations as requested by BART.
7. All other backend features for Single/multi-day Permit Parking will apply to EV charging.
8. Any permits being refunded will return to the availability pool for that station, will not count against the limit for that station, and become available to users.

Prime: Parsons

Subconsultant	Amount	DBE (Y/N)	SBE (Y/N)
TransSight	\$ 270,900	Y	Y

Total Work Plan Value: \$ 289,742