AGENDA SUMMARY REPORT

SUBJECT:

Discussion and Possible Adoption of Resolution 2022-09
For a Three-Year Contact between Carahsoft, Swiftly and Mendocino Transit Authority for CAD/AVL and GTFS Real Time for $172,260.00

SUMMARY:

On August 31, 2021 Caltrans finalized the California Minimum General Transit Feed Specification (GTFS) Guidelines. A GTFS Realtime feed lets transit agencies provide consumers with real-time information about disruptions to their service (lines not operating, important delays, etc.) location of their vehicles, and expected arrival times.
Due to the rapid pace of technology many transit providers in California are often not compliant with General Transit Feed Specifications (GTFS) as outlined by Caltrans.

Swiftly's Transitime product, Real-Time Passenger Predictions, leverages the real-time and historical movements of vehicles to predict arrival times faster and more accurately than existing systems on the market. Once configured with the static GTFS, on-board cellular routers, and tablets installed with Onboard App, Real-Time Passenger Predictions uses real-time GPS data alongside historical system speeds, travel times, reliability, and more to ultimately generate highly accurate arrival predictions for passengers. These predictions are re-calculated with every GPS update, ensuring that passengers and internal staff are consistently receiving the most up-to-date prediction information.

Swiftly's Live Operations Module is currently used by dispatching teams across the world to effectively monitor their networks in real-time. Live Operations includes a user-friendly map of the service area, a list view to facilitate issue prioritization, and a ladder view to identify service gaps. Vehicles are color-coded in a helpful legend based on their on-time performance status ("early", "late", or "on-time"), depending on how the viewer is monitoring the network. Users can also view vehicles that are not in service, which are color-coded to easily be spotted within all the different Live Operations views. Live Operations displays vehicle ID, direction, location, Run Trip ID, and date/time of the last GPS location of the vehicle. Swiftly's GPS Playback allows a user to enter any date and time frame to replay route or specific vehicle movements on a map. GPS Playback presents information clearly and legibly, with distinct route lines and stops to support staff at every level in accessing historical data they need with minimal training. Within GPS Playback, users can validate operator adherence to planned detours or investigate customer feedback in just a few clicks.

STAFF RECOMMENDATION:

Adoption of Resolution 2022-09 Directing staff to proceed with the procurement of Swiftly and the Executive Director to sign this three-year Contract.

MENDOCINO TRANSIT AUTHORITY
RESOLUTION # 2022-09

WHEREAS certain Computer Systems are required for the efficient operation of the Mendocino Transit Authority, and:

WHEREAS to enter into a three year contract with Carahsoft Technology Corp for Swiftly Inc for the Mendocino Transit Authority and:

WHEREAS Jacob King, Executive Director, is hereby authorized to purchase and perform any and all such acts, including execution of any and all documents to carry out the purposes and intent of the foregoing resolutions.

NOW, THEREFORE, BE IT RESOLVED that the Board of Directors of the Mendocino Transit Authority as follows: The Executive Director, is authorized to sign such an agreement.

Resolution moved by Director___and seconded by Director____ and adopted this 30th day of March 2022 by the following roll call vote:

AYES:
NOES: 0
ABSENT: 0
ABSTAIN: 0

IN WITNESS WHEREOF:

_____
SAPRINA RODRIGUEZ, CHAIRPERSON OF THE BOARD.