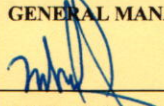
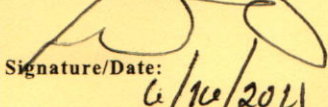
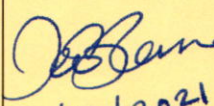
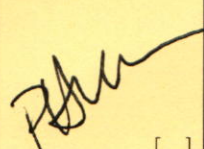




EXECUTIVE DECISION DOCUMENT

GENERAL MANAGER APPROVAL:  6/16/2021		GENERAL MANAGER ACTION REQ'D:		
DATE: 6/10/2021		BOARD INITIATED ITEM: No		
Originator/Prepared by: Angie West Dept: CIO Administration Signature/Date:  6/16/2021	General Counsel  6/16/2021 []	Controller/Treasurer Chris Gao 6/16/2021 []	District Secretary []	BARC  []

To Request Board Authorization to Renew Multimodal Trip Planner Software as a Service (SaaS) Licensing and Maintenance

PURPOSE:

To obtain Board authorization for the General Manager to execute an agreement with HaCon Ingenieurgesellschaft mbH to renew software as a service (SaaS) licensing and maintenance for the BART Multimodal Trip Planner for a three-year term in an amount not to exceed \$540,285.86.

DISCUSSION:

HaCon software powers the BART Trip Planner and provides critical, customer-facing schedule and real time information services for the BART website, BART Official apps, and the BART API (Application Programming Interface). Customers rely on the BART Trip Planner for real time, end-to-end travel itineraries that include BART and all Bay Area transit agencies, biking, walking and driving directions. In May 2021 the application served 6 million trip planning and BART schedule requests across web, mobile and open data APIs. This is about 27% of pre-COVID levels.

HaCon is a uniquely positioned, SaaS provider that has deployed nearly 120 trip planning applications worldwide, including Capital Metropolitan Transportation Authority in Austin, Deutsche Bahn AG, Switzerland SBB AG, Berlin BVG, Denmark Rejseplanen, Belgium SNCB and others. The HaCon trip planner is a proprietary software package and HaCon is the only company authorized to provide the required licenses, maintenance and support for the solution.

In a 2017 procurement, HaCon scored highest among trip planner solutions evaluated at a

cost of \$98,500 per year. The District has made a significant investment in integrating and deploying HaCon software into an environment that has been security, load and penetration tested. Hacon has made a number of customizations and enhancements to meet BART requirements. District staff in OCIO, OCC, Communications and Ops Planning have also been trained to use HaCon tools to manage schedules, service alerts, and ad hoc service modifications.

The Office of the Chief Information Officer (OCIO) has evaluated these services and concluded that it would be in the best interest of the District to continue using HaCon software.

Pursuant to the District's Non-Federal Small Business Program, the District conducted an analysis and determined that there are no Small Businesses certified by the California Department of General Services available for proposing this Agreement. Therefore, no Small Business Prime Preference was set for this Agreement.

Pursuant to the District's Non-Discrimination Program for Subcontracting, the Availability Percentages for this Agreement are 5.5% for MBEs and 2.8% for WBEs. HaCon will not be subcontracting any portion of the Work and therefore, the provisions of the District's Non-Discrimination Program for Subcontracting do not apply.

The Office of General Counsel will approve the Agreement as to form prior to execution.

FISCAL IMPACT:

The annual breakout for the three-year term is as follows:

FY 22	\$ 177,486.56
FY23	\$ 180,073.73
FY24	\$ 182,725.57
TOTAL	\$ 540,285.86

Funding in the amount of \$177,486.56 in Fiscal Year 2022 is included in the operating budget of the Office of the Chief Information Officer. Funding in the amount of \$180,073.73 for Fiscal Year 2023 and \$182,725.57 in Fiscal Year 2024 will be requested in future operating budgets of the Office of the Chief Information Officer, subject to Board approval.

Funds will be budgeted in the Office of the Chief Information Officer's operating budget (Department 0504463, Account 681355). This action is not anticipated to have any Fiscal Impact on unprogrammed District reserves in the current Fiscal Year.

ALTERNATIVES:

Do not authorize execution of this agreement. The Office of the Chief Information Officer

would request budgetary resources to continue HaCon software service until another trip planner solution could be procured, re-integrate, tested and deployed to web, mobile app and API environments, and staff could be retrained. Alternately, BART could decide not to provide trip planning and schedule services to customers.

RECOMMENDATION:

Approve the following motion.

MOTION:

The General Manager is authorized to execute an agreement with HaCon Ingenieurgesellschaft mbH to renew software as a service (SaaS) licensing and maintenance for the BART Multimodal Trip Planner for a three-year term in an amount not to exceed \$540,285.86.