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Legislation Details (With Text)

File #: 20-03250CG-3
Type: Procurement Contract/Change Order **Status:** Passed
In control: Board of Trustees
On agenda: 6/22/2022 **Final action:** 6/22/2022
Title: Change Order: Computer Aided Dispatch (CAD)/Automatic Vehicle Location (AVL) Transit Management Systems (TMS) Modification #2 - Upgrades and Contract Extension (Talrace)

Indexes:

Code sections:

Attachments: 1. Change Order: CAD/AVL TMS Upgrade (Talrace)

Date	Ver.	Action By	Action	Result
6/22/2022	1	Board of Trustees	approved	Pass

TO: Board of Trustees
THROUGH: Jay Fox, Executive Director
FROM: Alisha Garrett, Chief Enterprise Strategy Officer
PRESENTER(S): Kyle Brimley, IT Director

TITLE:

Change Order: Computer Aided Dispatch (CAD)/Automatic Vehicle Location (AVL) Transit Management Systems (TMS) Modification #2 - Upgrades and Contract Extension (Talrace)

AGENDA ITEM TYPE:

Procurement Contract/Change Order

RECOMMENDATION:

Approve a change order and contract extension with Talrace and authorize executive director to execute the change order and associated disbursements in the amount of \$400,000.

BACKGROUND:

Included in the 2025 Transit Management Systems (TMS) Program is the rewrite of the Computer Aided Dispatch (CAD) / Automatic Vehicle Location (AVL) software for all UTA Vehicles. The original CAD/AVL System was developed over 14 years ago and the technology infrastructure is end-of-life and prevents new functionality from being added. The purpose of the CAD/AVL software is for the TCC (Transit Control Center) and others to track Buses and Rail and to send messages to the vehicle operator via the Mobile

Communication Device (MCD) and is used to store and retrieve data. On April 29, 2020 the Board of Trustees approved a sole source contract with Talrace to develop phase two of the needed CAD/AVL software system upgrades.

Thesecond phase was added to the TMS Program that included the creation of Yard and Tail Tracks, which allowed the Trax planners to cut/add cars to consists, redesignating Trax cars, etc. and the re-write of OPUS which is a critical application Trax controllers use to see where trains should be and if they are running on schedule. The third phase of this project was to make changes to the Yard and Tail Track application to improve accuracy and make the application easier for the user. The third phase change order was approved by the board on April 28, 2021 as Modification #1.

DISCUSSION:

The current contract modification (#2) will allow the third-party Developers at Talrace to continue with additional work and features that were not included in the original scope of work and extends the contract effective date to June 31, 2024. A major focus of this effort will be to shift these applications to cloud services for core UTA Real Time Systems. This expansion of UTA’s cloud presence requires real time and accurate data be delivered to UTA’s internal and external customers. CAD/AVL will have an “offline” mode created for Emergency Center use. Trax White Board, Sign Manager, Reliability Reporter, BusGap Monitor and Geofence will be moved from their current unsupported platform to an upgraded Azure .Net platform. Additional efforts with more details can be found in the updated Statement of Work. This extension will add an additional 11,111 hours to the contract at a rate of \$36 per hour. This will be funded from the approved budget 40-2217.68912, Capital Project Number ICI217.

This contract modification will allow us to maintain the program timeline and capitalize on the knowledge the existing Talrace Developers have of our highly complex and integrated systems, resulting in reduction of the time, cost and risk that onboarding a new development team creates.

CONTRACT SUMMARY:

Contractor Name:	Talrace
Contract Number:	20-03250CG-3
Base Contract Effective Dates:	March 2020
Extended Contract Dates:	June 8, 2022 to June 31, 2024
Existing Contract Value:	\$459,725
Amendment Amount:	\$400,000
New/Total Contract Value:	\$859,725
Procurement Method:	Contract Modification
Budget Authority:	Local 40-2217.68912

ALTERNATIVES:

Issue an RFP to select a new vendor to perform the work.

FISCAL IMPACT:

\$400,000 budgeted out of capital account 40-2217.68912 for project ICI217

ATTACHMENTS:

Talrace Change Order - Modification #2