



Utah Transit Authority

MEETING MEMO

669 West 200 South
Salt Lake City, UT 84101

Board of Trustees

Date: 6/8/2022

TO: Board of Trustees
THROUGH: Jay Fox, Executive Director
FROM: Mary DeLoretto, Chief Service Development Officer
PRESENTER(S): Jared Scarbrough, Acting Director of Capital Construction

TITLE:

Change Order: On-Call Systems Maintenance - Task Order #030 - TRAX Operational Simulator (Rocky Mountain Systems Services)

AGENDA ITEM TYPE:

Procurement Contract/Change Order

RECOMMENDATION:

Approve task order #030 (TRAX Operational Simulator) to the on-call systems maintenance contract with Rocky Mountain System Services (RMSS) and authorize the Executive Director to execute the task order and associated disbursements in the amount of \$1,675,857.

BACKGROUND:

In November 2020, UTA released a request for procurement (RFP) for an on-call maintenance contractor focused specifically on systems engineering and maintenance support. Rocky Mountain Systems Services was selected as the winner based on overall scoring using the best value format. The UTA Board of Trustees approved the contract and authorized the Executive Director to execute the contract with RMSS on February 24, 2021. This contract is for three-years with two one-year options.

Typical task orders under this contract include:

- Subject matter experts to support UTA rail systems and MOW systems departments.
 - Train Control System upgrades, repairs, analysis, and training
 - Stray Current monitoring and analysis
 - OCS/TPSS repair, maintenance, and training
 - Traffic Signal inspections, connections, repairs, and coordination
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DISCUSSION:

UTA Staff is requesting approval of task order #030 with RMSS.

UTA implemented an operational simulator for the Frontrunner operations group in 2019. UTA Light Rail operations would like to procure a similar simulator designed for the TRAX Light Rail (LRT) environment, which includes all light rail line segments using a simulator modeled after the existing light rail vehicle (LRV) fleet. The simulator comes with realistic CGI environment as well as a realistic operator's area which includes a throttle, brake, reverser, and switch controls. The simulator will be used to train new Light Rail Operators.

This scope of work includes the design, development, programming, construction, testing, and commissioning of an operational training simulator for the TRAX Light Rail and Streetcar systems. While a major portion of this task order will be subcontracted effort, RMSS integration and coordination efforts will be important during both design and construction. In addition, RMSS obtained competitive quotes from several potential vendors before selecting the best value vendor for design and manufacture of the simulator.

The total value of this task order is \$1,675,857, which includes the base scope value of \$1,412,662, option 2 value of \$194,820, and option 3 value of \$68,375. Options 2 and 3 of the proposed task order will provide a second half cab simulator and an additional 50 specific simulated objects.

CONTRACT SUMMARY:

Contractor Name:	Rocky Mountain Systems Services
Contract Number:	20-03382VW-30
Base Contract Effective Dates:	March 2, 2021 through December 31, 2023
Extended Contract Dates:	Two option years through December 31, 2025
Existing Contract Value:	\$8,642,024
Amendment Amount:	\$1,675,857
New/Total Contract Value:	\$10,317,881
Procurement Method:	RFP best value method
Budget Authority:	Approved 2022 capital project budget

ALTERNATIVES:

The agency could opt not to provide a simulator for TRAX training, which could limit training opportunities for TRAX light rail operators.

FISCAL IMPACT:

This budget is included in the 2022 Capital Program.

ATTACHMENTS:

Task Order #030
