

EXECUTIVE SUMMARY

Recommendation for Renewal and Additional Spending Authority 13-050R – Global Positioning System and Student Tracking System

Introduction

Responsible: Procurement & Warehousing Services (PWS)

This request is to approve the recommendation to renew the Agreement between Education Logistics, Inc. (Edulog) and The School Board of Broward County, Florida (SBBC), for one (1) year(s), starting March 31, 2019 through March 30, 2020 with an additional spending authority of \$43,448.

The Agreement, item EE-1, was approved at the March 18, 2013, School Board Meeting with a spending authority of \$3,095,356 and the First Amendment to renew the Agreement, item E-3, was approved March 20, 2018, with no additional spending authority requested. This Second Amendment to renew is the last option available via the original Request for Proposal (RFP) solicitation.

A Request for Information (RFI) is in the process, to gain information about options available in the marketplace, to determine the best route forward for the District beyond this renewal. RFI submission will be evaluated on the ability to provide existing GPS safety enhancements that the Transportation Department uses. RFI addresses the need to evaluate the level of transparency and communication SBBC will be able to provide to internal/external stakeholders by updating the Transportation Department's routing software and GPS system. Safety items identified in the RFI includes:

- a. Ability to identify the location of school buses to provide enhanced school bus services; respond to emergency situations and customer inquiries
- b. Ability to track Event alerts (Early/late arrival to stops/school; missed/skipped stops; loading/unloading procedures executed; child check solution/safety alarm)
- c. Ability to track Zone alerts (arrival to bus terminal/school; bus entered a "no travel area based on GIS data."

The RFI is in the question and answer phase with vendor information responses due on January 3, 2019.

Goods/Services Description

Responsible: Student Transportation & Fleet Services Department (STFS)

The Edulog Agreement provides Global Positioning System (GPS) capabilities (ZONAR solution) to complement its routing system used by SBBC's Transportation and Fleet Services Department (STFS). STFS provides transportation services to two hundred and thirty-four (234) public schools (K-12 and Technical Colleges). Each year the, Transportation Department maintains/creates and executes daily services based on student eligibility, educational programs, and average ridership. GPS is installed on all school buses and is used to locate school buses, identify driver actions (i.e., pupil stop; stop arm activated; speed and stop/go) along with on-time bus arrival to respond to customer concerns. GPS functionalities also help with on-time performance; fleet maintenance uses the diagnostic features to help mitigate low battery issues and help locate buses with issues throughout the day. This system also helps vehicle maintenance verify the usage of buses as well as verifying fuel usage reports.

Edulog was selected through an RFP competitive solicitation, but functionality has not met SBBC's expectations. STFS has not paid for the portions of the Edulog/GPS system that does not meet SBBC's needs.

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GPS allows Transportation Dispatcher and staff to identify where buses are located and provide support. Some examples include:

- a. Dispatch via radio provides Driver with turn-by-turn directions to stop location;
- b. Dispatch can verify drop off/pick up time at a stop;
- c. Dispatch can use geo-fence to identify buses in a certain vicinity of the county that can provide assistance in picking up students;
- d. Dispatch can more effectively respond if a Driver/Attendant or Student is experiencing a medical emergency then GPS will allow staff to locate bus and call the appropriate City for EMS assistance.

Garage staff use of GPS includes:

- a. Exact bus location that facilitates fast response and repair time to an accident or break-down;
- b. System diagnostic capabilities of the bus.

Office staff uses GPS to respond to staff and external customer inquiries. Some examples include:

- a. Estimated time of arrival (ETA) to the bus stop or school;
- b. Verify information received from complaints;
- c. Driving direction of the bus;
- d. Ability to monitor Driver on the road actions and patterns.

Renewing the contract one (1) additional year will allow staff adequate time to complete the RFI/RFP process and fully evaluate the impact of replacing related items (i.e., routing system, GPS, hardware technology, etc.). Therefore, this request is to renew the existing agreement within the intention of concluding the RFI/RFP process as soon as feasible.

Procurement Method

Responsible: PWS

The RFP solicitation ran from December 11, 2012 through January 29, 2013. There were four hundred and forty-seven (447) vendors notified, thirty-seven (37) vendors downloaded the ITB and four (4) bids were received before bid opening.

Financial Impact

Responsible: PWS and STFS

The additional spending authority requested is \$43,448, which represents the cost of the renewal minus remaining spending authority. Pricing has not increased from the original agreement.

The pricing breakdown for SBBC's 1,353 buses is as follows:

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Description	# Buses	Cost per Month (per bus)	Cost per Year (per bus)	Extended Cost
Basic EduTracker Software	1,353	\$4	\$48	\$64,944
Comparative Analysis and Integration	1,353	\$2	\$24	\$32,472
Zonar GPS Service Fee	1,353	\$9	\$108	\$146,124
Zonar Ground Control Service Fee	1,353	\$2	\$24	\$32,472
Total (not to exceed)				\$276,012

The remaining unused spending authority is \$232,564. The total renewal cost for 2019 is \$276,012, so the additional spending authority needed is \$43,448. The new contract value will be \$3,138,804. The funding source is the Operating Budget for STFS.

The approval of this recommendation does not mean the authorized amount will be spent.