

CAMBRIDGE PUBLIC SCHOOLS

159 THORNDIKE STREET, CAMBRIDGE, MASSACHUSETTS 02141

14-226



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November 18, 2014

TO THE HONORABLE MEMBERS OF THE SCHOOL COMMITTEE:

CONTRACT AWARD: Transportation Management System

RECOMMENDATION: That the School Committee award a contract to the following vendor for a Transportation Management System; funds to be provided from the Revolving Fund and the General Fund. Procurement procedures for this contract have complied with Chapter 30B of the laws of the Commonwealth of Massachusetts.

<u>Contractor</u>	<u>Period of Contract</u>	<u>Amount</u>
Education Logistics, Inc. 3000 Palmer Street Missoula, MT 59808	12/1/14 – 08/31/17	\$121,425.00

DESCRIPTION: Hardware, software, implementation, and maintenance costs for a Transportation Management System that will become the primary control and management platform for the district's school bus transportation services. Education Logistics was the lowest qualified bidder.

SUPPORTING DATA: RULES OF THE SCHOOL COMMITTEE: Chapter III, Section 12..."motions calling for the appropriation or expenditure of money shall require the affirmative vote of four members."

BUDGET REFERENCES:

ACCOUNT:	55804/55802	Software/Hardware
FUND:	15000/24000	General Fund/Revolving Fund
ORG:	885750	Transportation
PROJ:	SC00401	ERate

Respectfully Submitted,


Jeffrey M. Young, Ed.D.
Superintendent of Schools

Description of Purchase

Department or School: Transportation Department

Reason for Purchase

Background

Following a formal bid process facilitated by the City of Cambridge, CPS is seeking to award a multi-year contract to Education Logistics, Inc., for the implementation and maintenance of a Transportation Management System. The full bid specification may be found on the City of Cambridge website, File # 6536.

The ICTS and the Transportation departments will manage the implementation and rollout of the new system, with oversight from the Chief Operating Officer.

System Benefits

The Transportation Management System will provide the district with:

- Mapping, routing, and scheduling functionality tied into the City of Cambridge's geographic information system;
- Real-time monitoring of bus locations and arrival times based on GPS data;
- An onboard attendance system tracking student ridership using ID cards;
- A secure Parent Portal allowing authorized guardians to track the locations and estimated arrival times of their children's busses.

The system will enable optimum route planning both at the beginning of the school year and on an ongoing basis in response to changes in ridership, road closures, and other variables. It will also improve scheduling estimates based on real data collected and analyzed over time. Most importantly, district personnel and parents/guardians will more readily and reliably be able to identify the location of children as they are transported across the district.

Implementation

The rollout of the system will begin with a pilot (at one school only) in spring 2015. District-wide implementation will commence in fall 2015 and continue into the 2015-16 school year.

The contract duration will be just under three years, with costs broken down as follows:

Year 1: \$79,675 (includes all implementation costs, including the purchase of all required hardware);

Year 2: \$20,875 (software and hardware maintenance);

Year 3: \$20,875 (software and hardware maintenance).