

**Washington Metropolitan Area Transportation Authority
Board Action/Information Summary**

Action
 Information

MEAD Number:
99936

Resolution:
 Yes No

PURPOSE

To obtain Board of Directors approval to: (1) Authorize the General Manager to enter into an agreement with the District of Columbia Government to reimburse Metro for the costs of this project, and (2) Initiate and award a sole source contract to Cubic Transportation Systems to modify the software in the existing Automatic Fare Collection System to allow Metro to supply the District of Columbia Government with a means to distribute the Student Pass.

DESCRIPTION

Currently, qualified District of Columbia students receive reduced fares on Metrobus by using tokens and on Metrorail by using specially-encoded magnetic farecards. Once distributed, this fare media cannot be disabled and has the potential for unauthorized use. Furthermore, the distribution of this media requires additional labor by Metro and by District of Columbia Public Schools. District of Columbia Department of Transportation and District of Columbia Public Schools have requested that Metro develop a method to allow them to have additional control over the validity, renewal and cancellation of transit passes for its students.

The new system will encode the District of Columbia Student Pass on SmarTrip® Cards that District of Columbia Public Schools and District of Columbia Department of Transportation will print with the students' identification and school information and will issue to each eligible student. These cards, as with all SmarTrip® cards, can be individually deactivated if lost or stolen and can be used for fare payment on bus and rail. Each pass will be able to be renewed or the value replenished at any Express Vendor located in all of the Metrorail stations. District of Columbia Public Schools will be able to control which cards are able to be renewed via the on-line SmartBenefits program, thus allowing control over the validity of the passes.

A software modification to the Automatic Fare Collection System is required to allow the expiration date, the pass characteristics, cost to renew and other parameters of the pass to be configured as required and to allow this pass to be renewed at the vendors. District of Columbia Department of Transportation will reimburse Metro for the cost of this upgrade.

FUNDING IMPACT

The District of Columbia Department of Transportation has agreed to reimburse Metro for the costs of this project through the subsidy program. Metro will bill the District of Columbia Government for the \$390,000 project costs, including contract costs and other costs, through the regular subsidy programs. Payment will be requested prior to Metro entering into contract with Cubic for the work.

RECOMMENDATION

Board of Directors approval to: (1) Authorize the General Manager to enter into an agreement with the District of Columbia Government to reimburse Metro for the costs of this project, and (2) Initiate and award a sole source contract to Cubic Transportation Systems to modify the software in the existing Automatic Fare Collection System to allow Metro to supply the District of Columbia Government with a means to distribute the Student Pass.

**Washington Metropolitan Area Transportation Authority
Board Action/Information Summary**

Action
 Information

MEAD Number:
99936

Resolution:
 Yes No

PURPOSE

To obtain Board of Directors approval to: (1) Authorize the General Manager to enter into an agreement with the District of Columbia Government to reimburse Metro for the costs of this project, and (2) Initiate and award a sole source contract to Cubic Transportation Systems to modify the software in the existing Automatic Fare Collection System to allow Metro to supply the District of Columbia Government with a means to distribute the Student Pass.

DESCRIPTION

Currently, qualified District of Columbia students receive reduced fares on Metrobus by using tokens and on Metrorail by using specially-encoded magnetic farecards. Once distributed, this fare media cannot be disabled and has the potential for unauthorized use. Furthermore, the distribution of this media requires additional labor by Metro and by District of Columbia Public Schools. District of Columbia Department of Transportation and District of Columbia Public Schools have requested that Metro develop a method to allow them to have additional control over the validity, renewal and cancellation of transit passes for its students.

The new system will encode the District of Columbia Student Pass on SmarTrip® Cards that District of Columbia Public Schools and District of Columbia Department of Transportation will print with the students' identification and school information and will issue to each eligible student. These cards, as with all SmarTrip® cards, can be individually deactivated if lost or stolen and can be used for fare payment on bus and rail. Each pass will be able to be renewed or the value replenished at any Express Vendor located in all of the Metrorail stations. District of Columbia Public Schools will be able to control which cards are able to be renewed via the on-line SmartBenefits program, thus allowing control over the validity of the passes.

A software modification to the Automatic Fare Collection System is required to allow the expiration date, the pass characteristics, cost to renew and other parameters of the pass to be configured as required and to allow this pass to be renewed at the vendors. District of Columbia Department of Transportation will reimburse Metro for the cost of this upgrade.

FUNDING IMPACT

The District of Columbia Department of Transportation has agreed to reimburse Metro for the costs of this project through the subsidy program. Metro will bill the District of Columbia Government for the \$390,000 project costs, including contract costs and other costs, through the regular subsidy programs. Payment will be requested prior to Metro entering into contract with Cubic for the work.

RECOMMENDATION

Board of Directors approval to: (1) Authorize the General Manager to enter into an agreement with the District of Columbia Government to reimburse Metro for the costs of this project, and (2) Initiate and award a sole source contract to Cubic Transportation Systems to modify the software in the existing Automatic Fare Collection System to allow Metro to supply the District of Columbia Government with a means to distribute the Student Pass.

PRESENTED AND ADOPTED:

SUBJECT: APPROVE A NEW REIMBURSABLE PROJECT TO FUND THE CREATION OF A STUDENT PASS USING SMARTRIP® TECHNOLOGY

PROPOSED
RESOLUTION
OF THE
BOARD OF DIRECTORS
OF THE
WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY

WHEREAS, The District of Columbia Public Schools (DCPS) and District of Columbia Department of Transportation (DDOT) has requested that WMATA develop and implement a method that would allow DCPS and DDOT to distribute and control transit passes for eligible students; and

WHEREAS, The DCPS and DDOT desire to move forward with this project as soon as possible; and

WHEREAS, WMATA staff and DC staff recommend the use of the WMATA SmarTrip® System for this program; and

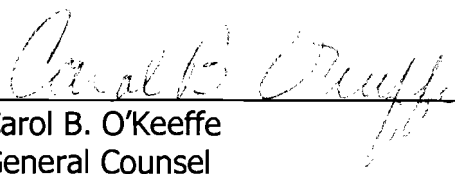
WHEREAS, This project will require funding not currently included in any approved budget for the modification of existing software embedded in the AFC equipment; and

WHEREAS, The District of Columbia has agreed to pay the full cost of this action; now, therefore be it

RESOLVED, That the Board of Directors approves a Reimbursable Project Budget in the amount of \$390,000 to fund the creation of a DC Student SmarTrip® pass; and be it finally

RESOLVED, That this Resolution shall be effective immediately.

Reviewed as to form and legal sufficiency,



Carol B. O'Keeffe
General Counsel



Approve Reimbursable Contract for DC Student SmarTrip® Upgrade

Presented to the Board of Directors:

Finance, Administration and Oversight Committee

February 14, 2008





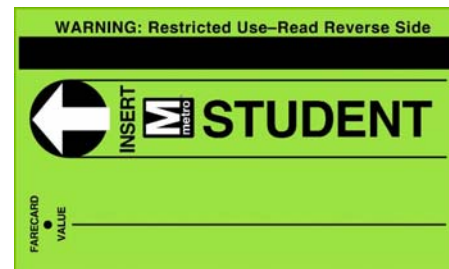
Purpose

- Obtain Board approval to
 - Authorize the General Manager to enter into an agreement with the District of Columbia under a reimbursable project to implement a SmarTrip® ID and transit pass for District of Columbia students, and
 - Initiate and award a sole source contract to Cubic Transportation Systems to modify the software in the fare collection system to implement the student pass.



Current Operation

- Authorized students currently use special tokens on Metrobus or special farecards on Metrorail
 - Tokens and farecards are distributed manually
 - Creates additional work load for Metro and DC staff
 - Limited controls over unauthorized use
 - Opportunity for better solution exists





Proposed Operation

- Specially encoded SmarTrip® Cards
 - Printed with ID information by District Department of Transportation and DCPS Schools
 - Single card used as School ID and for fare payment
 - Cards coded for fare payment on Metrobus and Metrorail
 - Individual cards could be invalidated in case of loss or ineligibility of student
 - Administered by District Department of Transportation



Budget and Schedule

- Budget
 - \$390,000
 - Includes Cubic costs, WMATA test and start-up, contingency
 - Fully funded by the District of Columbia
- Schedule
 - Negotiate project agreement – March 2008
 - Issue sole source contract to Cubic – March 2008
 - Pilot project – Late summer 2008
 - Full implementation – January 2009



Staff Recommendations

- Staff recommends Board approval to
 - Authorize the General Manager to enter into an agreement with the District of Columbia under a reimbursable project to implement a SmarTrip® ID and transit pass for District of Columbia students, and
 - Initiate and award a sole source contract to Cubic Transportation Systems to modify the software in the fare collection system to implement the student pass