



**Report to the
Business Administration Committee**

**Recommendation to Award a Sole Source Contract
for the Maintenance of Energy Management and
AeroTrain Ventilation Systems**

at

**Ronald Reagan Washington National and
Washington Dulles International Airports**

MAY 2015

PURPOSE

Staff requests that the Business Administration Committee approve and recommend to the Board of Directors that the Airports Authority enter into a Sole Source Contract with Siemens Industry, Inc. (Siemens) for the maintenance of the Energy Management Control Systems (EMCS) at Ronald Reagan Washington National (Reagan National) and Washington Dulles International (Dulles International) Airports, and the Comprehensive Ventilation Integrated Control Systems (CVICS) at Dulles International, effective July 2015.

BACKGROUND

- The Airports Authority utilizes a Siemens integrated EMCS to efficiently manage energy consumption at both Airports and a Siemens CVICS integrated system that manages the ventilation and smoke evacuation for the AeroTrain System at Dulles International.
- Siemens is the only authorized provider for maintaining and servicing the software, hardware, and equipment contained within these systems. Their parts and procedures are not compatible or interchangeable with other manufacturers or providers.

DISCUSSION

- As required by the Airports Authority's Contracting Manual and procurement procedures, the recommendation to use the sole source award methodology was published on the Airports Authority's website for the specified time period without receiving objections or any expressions of interest from other potential vendors.
- The incumbent, Siemens, has met or exceeded the contract performance terms.

DISCUSSION - Continued

- The estimated cost for the Airports Authority to replace the Siemens systems at the Airports is \$6 million.
- The five-year value of a consolidated Sole Source maintenance contract with Siemens for both Airports is not to exceed \$2,200,000 (\$600,000 for Reagan National and \$1.6 million for Dulles International).
- The term of the contract would be a three-year base period with two one-year option periods.



RECOMMENDATION

Staff requests that the Business Administration Committee approve and recommend to the Board of Directors that the Airports Authority enter into a Sole Source Contract with Siemens Industry, Inc. (Siemens) for the maintenance of the Energy Management Control Systems (EMCS) at Ronald Reagan Washington National (Reagan National) and Washington Dulles International (Dulles International) Airports, and the Comprehensive Ventilation Integrated Control Systems (CVICS) at Dulles International, effective July 2015.



Ronald Reagan Washington National Airport



Dulles Corridor Metrorail Project



Dulles Toll Road



Washington Dulles International Airport

METROPOLITAN WASHINGTON
AIRPORTS AUTHORITY

Proposed Resolution

Authorizing Award of Sole Source Contract to Siemens Industry, Inc.
for the Maintenance of the Energy Management Control Systems at Both Airports
and the Comprehensive Ventilation Integrated Control Systems
at Washington Dulles International

WHEREAS, Both Airports utilize computer-based programs specifically designed by Siemens Industry, Inc. (Siemens), to collect and analyze operational data to efficiently manage energy consumption and to monitor the air ventilation in tunnels and other locations, as well as fire suppression equipment;

WHEREAS, The Energy Management Control Systems (EMCS) is a proprietary designed computer program controlled by Siemens that controls, operates and monitors the two Airports' heating, ventilation and air conditioning systems;

WHEREAS, The Comprehensive Ventilation Integrated Control Systems (CVICS) at Dulles International is an integrated system controlled by Siemens that manages the ventilation and smoke evacuation in the AeroTrain tunnels and stations, as well as fire suppression systems in the AeroTrain's glass tubes;

WHEREAS, Siemens is the only company authorized to maintain and service the software, hardware and equipment contained within the EMCS and CVICS;

WHEREAS, The maintenance and servicing of both the EMCS and CVICS by Siemens is critical to the Airports Authority's ability to comply with the life-safety and other parts of the National Fire Protection Association Code and its continued safe operation of the AeroTrain;

WHEREAS, Notice of this potential sole source contract award has been published on the Airports Authority's website, and no party has expressed an interest in performing the contract work; and

WHEREAS, The Business Administration Committee has reviewed the proposed contract, as presented by staff, and recommended that the Board of Directors approve the award of a sole source contract to Siemens; now, therefore, be it

RESOLVED, That the President and Chief Executive Officer is authorized and directed to award a sole source contract for a three-year base period with two one-year option periods to Siemens at a cost not to exceed \$2.2 million for the maintenance of the EMCS at both Airports and the CVICS at Dulles International, consistent with the terms presented to the Business Administration Committee at its May 20, 2015, meeting.

For Consideration by the Business Administration Committee on May 20, 2015

NOTE: Recorded vote is required.