



## ARLINGTON COUNTY, VIRGINIA

**County Board Agenda Item  
Meeting of December 08, 2012**

**DATE:** November 26, 2012

**SUBJECT:** Increase of \$87,000.00 to Contract No. 9-11 with Chesapeake Electrical Systems, Inc. for Construction of the Emergency Vehicle Preemption (EVP) System along Lee Highway between Falls Church and Rosslyn.

**C. M. RECOMMENDATION:**

1. Approve an increase of \$87,000.00 to Contract No. 9-11 with Chesapeake Electrical Systems Inc. for a total contract authorization of \$738,286.00 for additional work required.
2. Authorize the Purchasing Agent to execute an Amendment to the Agreement and any other necessary Contract Documents, subject to approval as to form by the County Attorney.

**ISSUES:** County Board approval is needed to increase the contract amount.

**SUMMARY:** The County has planned to install an EVP system on all of its major corridors to help reduce Emergency Medical Service's (EMS) response times. The EVP system will allow emergency vehicles to gain priority by providing an instant temporary right-of-way (instant green) at signalized intersections. The system will also help improve the overall safety of the intersections by providing a safe passage to the emergency vehicles through the intersections.

**BACKGROUND:** The construction contract for the EVP system was authorized at the January 21, 2011 Board Meeting for a total project amount of \$651,286.00. The project is installing an EVP system at thirty-one (31) signalized intersections on Lee Highway between Falls Church and Rosslyn. An EVP system is currently in place on Glebe Road between Lee Highway and Washington Boulevard including access to Virginia Hospital Center. The project will allow the County to expand its existing EVP coverage in the corridor with three fire stations located on Lee Highway and provide the infrastructure for a Transit Signal Priority system in the future.

County Manager:

County Attorney:

12.

Staff: Amit Sidhaye, Department of Environmental Services

**DISCUSSION:** During the construction period, additional work was required to install underground signal cables, which was not anticipated during the design phase. This work requires an additional \$87,000.00 to complete the project.

**FISCAL IMPACT:** The total estimated increase in cost for the project is \$87,000.00 with 20 percent local match. The funding was authorized for reimbursement in the amount of \$69,600.00 by Federal Aid Secondary Funds (UPC # 79275) with a County match of \$17,400.00. The expenditure account for the project is fund 313, cost center 43514 and project T33S. Funds will be reimbursed to the County by VDOT as expenditures are being paid.