



ARLINGTON COUNTY, VIRGINIA

**County Board Agenda Item
Meeting of January 22, 2011**

DATE: December 28, 2010

SUBJECT: Approval of the award of a Contract between the County Board and 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 award of Agreement Number 9-11 between the County Board of Arlington County, Virginia and Chesapeake Electrical Systems Inc for the provision and Installation of the Emergency Vehicle Preemption (EVP) system for an amount not to exceed in the amount not to exceed \$563,902, plus contingency of \$87,384.
2. Authorize the Purchasing Agent to execute the Agreement and any other contract documents, subject to approval of the Agreement as to form by the County Attorney.

ISSUES: The work pursuant to Agreement Number 9-11 will result in installation of the Emergency Vehicle Preemption (EVP) system. There are no issues.

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 the 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: In early 2006, Arlington had identified the need for the implementation of an EVP system on Lee Highway using the federal funds previously awarded to the County. The County Board had already approved an agreement between the County and Virginia Department of Transportation (VDOT) for the development and administration of the project.

The project will install 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 would not only allow the County to expand its existing EVP coverage in the corridor with

County Manager:

County Attorney:

Staff: Amit Sidhaye, Department of Environmental Services

three fire stations located on Lee Highway, but also provide the infrastructure for a Transit Signal Priority system in the future.

DISCUSSION: The Purchasing Agent received the following responsive bids on 29th December, 2010 with the following pricing:.

<u>Bidders</u>	<u>Bid Amount</u>
1. Chesapeake Electrical Systems Inc.	\$ 563,902.00
2. Fort Myer Construction Corporation	\$ 718,767.22
3. B&B Signal Company	\$ 580,285.00
4. The Brothers Signal Company	\$ 854,050.00

The lowest bidder, Chesapeake Electrical Systems Inc. was found to be a responsible bidder and the bid submitted was responsive to the invitation to Bid Number 9-11.

FISCAL IMPACT: The total estimated cost for the project is \$651,286.00 with 20 percent local match. The funding was authorized for reimbursement in the amount of \$521,028.80 by Federal Aid Secondary Funds (UPC # 79275) with a County match of \$130,257.20. 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.