



## ARLINGTON COUNTY, VIRGINIA

**County Board Agenda Item  
Meeting of June 12, 2010**

**DATE:** May 28, 2010

**SUBJECT:** Approve the Award of a Contract to American Contracting & Environmental Services, Inc. for the Construction of the Lee water booster pumping station project, Contract No. 172-10.

**C. M. RECOMMENDATIONS:**

1. Approve the award of Contract No.172-10 to American Contracting & Environmental Services, Inc. for the construction of the Lee water booster pumping station project in an amount of \$ 289,900.00; authorize an allocation of \$ 29,000.00 as a contingency for change orders and increased quantities, and \$ 14,500.00 in stipulated price items for a total authorization of \$ 333,400.00.
2. Authorize the Purchasing Agent to execute the contract documents, subject to review by the County Attorney.

**ISSUE:** County Board approval is needed to advance the project to construction. No issues have been identified.

**SUMMARY:** The Contractor will construct an important upgrade to enhance the performance and reliability of the existing Lee water pumping station which was built in 1957.

**BACKGROUND:** The Arlington County 1992 Water System Master Plan identified the need for the County to upgrade the pumping station to improve the capabilities of the County water distribution system. The project will provide greater pumping capacity to meet water supply demands for the Lee/Minor Hill pressure zone.

**DISCUSSION:** The project consists of removal and replacement of three existing pumps, motors and associated valves, piping, electrical and instrumentation equipment. The major work for the project will include three new 100 HP pumps to be installed in the existing Lee water booster pumping station. The Lee pump station provides water to the elevated water storage tank located on site which supplies the Lee/Minor Hill pressure zone.

Since Lee Pumping Station is an integral component of the County's water distribution system any work that may interfere with station operations will occur during the traditional low-demand

County Manager: MB

County Attorney: JAM

Staff: Nilesh Naikare, DES, Engineering

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season of November to April. In addition, the contractor is required to keep the existing pump station in continuous operation at all times during the course of the work under this contract; therefore, only one of the existing three pumps will be taken offline at any given time. Each new pump will be completely installed and tested prior to taking the next pump out of service for replacement.

**Bid Information:** The Purchasing agent received the following responsive bids on May 5, 2010:

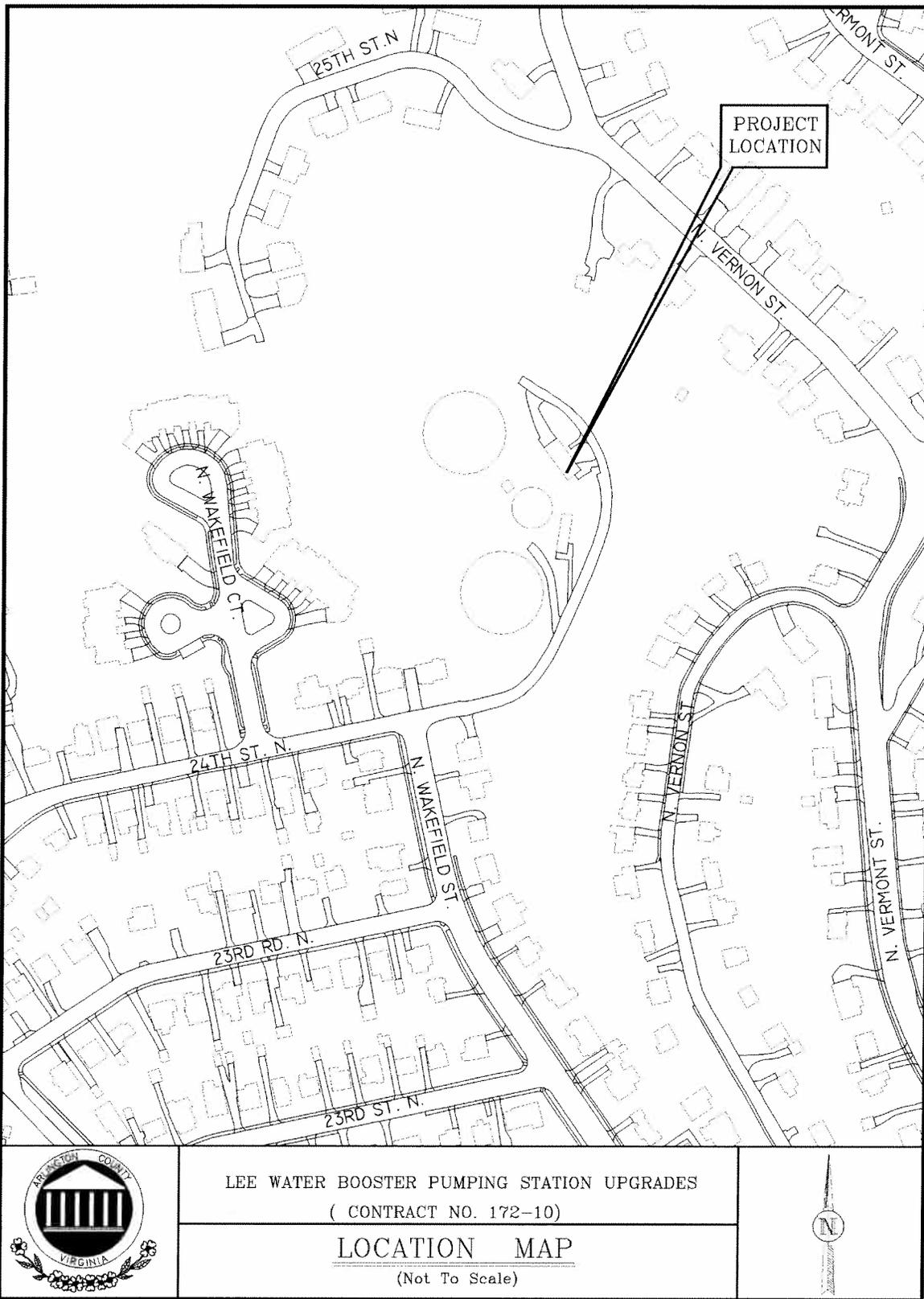
<u>Bidder</u>	<u>Bid Amount</u>
1. American Contracting & Environmental Services, Inc.	\$ 289,900.00
2. EMH Environmental, Inc.	\$ 343,440.00
3. Power and Flow Solutions, LLC	\$ 345,271.00
4. Norair Engineering Corp.	\$ 355,600.00
5. Sydnor Hydro, Inc.	\$ 359,580.00
6. Cianbro Corporation	\$ 374,330.00
7. Combined Services, Inc.	\$ 465,000.00
8. Specialty Construction Management Inc.	\$ 469,251.00
9. Superior Industrial Maintenance Company, Inc.	\$ 575,000.00

American Contracting & Environmental Services, Inc. submitted the lowest responsive bid and was determined to be a responsible bidder. Therefore, it is recommended that a contract be awarded to American Contracting & Environmental Services, Inc.

The bids received were consistent with the engineer's estimate.

**FISCAL IMPACT:** The Lee water booster pumping station project was approved in the Utility Construction Fund. Sufficient funding is available to finance construction of this project in the account 519.43543.LPS1.0339.

Vicinity Map (Contract No. 171-10)



LEE WATER BOOSTER PUMPING STATION UPGRADES  
( CONTRACT NO. 172-10)

LOCATION MAP  
(Not To Scale)

