



ARLINGTON COUNTY, VIRGINIA

**County Board Agenda Item
Meeting of February 11, 2012**

DATE: January 19, 2012

SUBJECT: Award of a Contract for the Construction of the Lee Highway Cherrydale Electrical Utility Undergrounding Improvements, Phase II project, Invitation to Bid No. 643-12

C. M. RECOMMENDATION:

1. Award a contract for the construction of the Lee Highway Cherrydale Electrical Utility Undergrounding Improvements, Phase II project to Trafford Corporation in the amount of \$939,984.75 and authorize an allocation of \$150,000.00 as a contingency for change orders and increased quantities, and \$150,000.00 for stipulated price items. The total project authorization is therefore \$1,239,984.75.
2. Authorize the Purchasing Agent to execute the contract documents subject to review by the County Attorney.

ISSUES: This is an award of a contract for the construction of the Lee Highway Cherrydale Electrical Utility Undergrounding Improvements, Phase II project to the lowest responsible and responsive bidder and no issues have been identified.

SUMMARY: This project consists of the construction of underground conduits that will be used to contain Dominion Virginia Power (DVP) electrical cables. Upon completion of this contract, DVP will install the electrical cables and related infrastructure, the new underground cables, and remove the existing overhead electrical cables and poles. Having the electrical utilities underground rather than overhead on poles will allow for street improvements for pedestrians and transit users. Additionally, the underground power supply will provide a more reliable power supply.

BACKGROUND: This contract award is the second phase of the overall project to underground utility lines along the south side of Lee Highway from the I-66 ramp at Spout Run to North Quebec Street. Last year the County completed construction of the underground conduits from the I-66 ramp at Spout Run to North Oakland Street. DVP has been installing their electrical cable, pad mounted switches, transformers, and related infrastructure as they

County Manager:

BMD/mjs

County Attorney:

clh *gpc*

Staff: Robert Froh, DES

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prepare to energize this section of Lee Highway. After the cables are energized, the utility poles and overhead cables east of North Oakland Street will be removed. The completion of this first phase will be completed in early 2012.

The limits of the contract award for this second phase of the utility undergrounding project will be in Lee Highway from North Oakland Street to the intersection of North Quincy Street. The underground conduits will be placed in North Quincy Street to 21st Street North, and then in 21st Street North to North Quebec Street. The future underground electric cables will tie into an existing overhead system in North Quebec Street and Lee Highway west of North Quebec Street. There is also an underground connection to be made to the existing utility pole in Military Road adjacent to the Liberty service station.

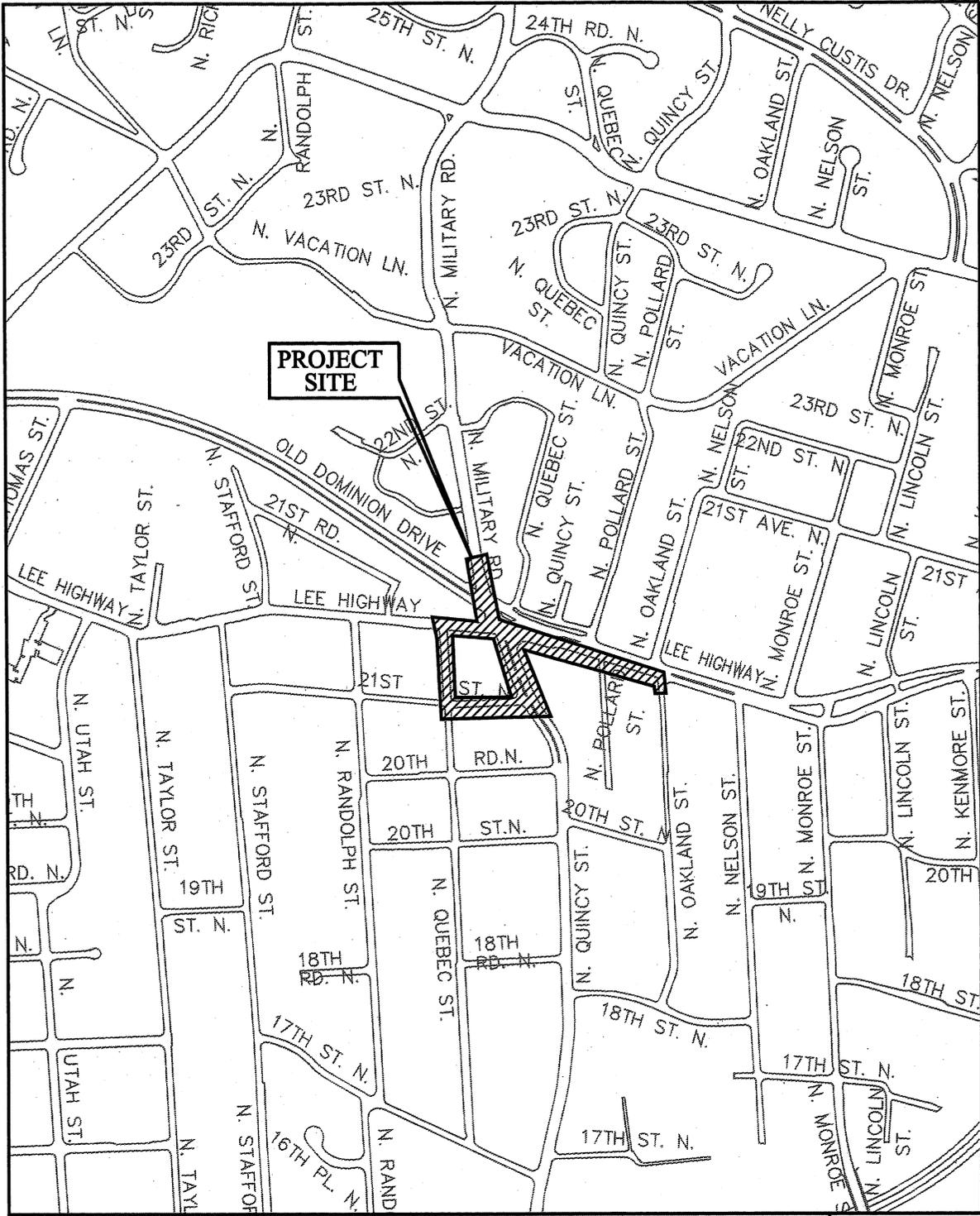
The project is being closely followed, and most anticipated by the Cherrydale Civic Association. Since September 2010 DES has been updating the civic association of the progress and schedule. That schedule developed by the County with input from DVP anticipated that this construction contract would be awarded in February 2012, and would have the conduit construction complete by November 22, 2012. Subsequently DVP would complete the undergrounding by November 4, 2013.

DISCUSSION: The Purchasing Agent received the following responsive bids on January 19, 2012 at 2:00 p.m.:

<u>Bidders</u>	<u>Bid Amount</u>
Trafford Corporation	\$939,984.75
DHC Corporation	\$1,119,691.90
Fort Myer Construction Corporation	\$1,162,869.27
Sagres Construction Corporation	\$1,377,871.35
B. Frank Joy, LLC	\$1,511,215.85
C.W. Wright Construction Co., Inc.	\$1,517,187.16
Flippo Construction Company, Inc.	\$1,521,968.20
Down Under Construction	\$1,559,064.06
Martin & Gass Inc.	\$1,703,605.86
Rustler Construction, Inc.	\$1,846,827.35
Ross Contracting, Inc.	\$2,246,434.10
Anchor Construction Corp.	\$2,776,658.10

The low bidder, Trafford Corporation, was found to be a responsible bidder and the bid submitted was found to be responsive to the Invitation to Bid #643-12. The bid amount received is lower than the engineer's estimate. A contingency fund of \$150,000 is recommended for any necessary change orders and increased quantities. An additional amount of \$150,000 for stipulated price items is also recommended. Therefore, the total recommended project authorization is \$1,239,984.75.

FISCAL IMPACT: The Lee Highway Cherrydale Electrical Utility Undergrounding Improvements project was approved in the previous Street Highway and Community Conservation bond. Sufficient funds are available to finance this contract in the account number 316.43523.UGKB.D00.0000.



LEE HIGHWAY CHERRYDALE
ELECTRICAL UNDERGROUNDING
 From N. Oakland Street to N. Quebec Street
LOCATION MAP
 (NOT TO SCALE)

