ARLINGTON COUNTY, VIRGINIA

County Board Agenda Item
Meeting of April 22, 2006

DATE: April 16, 2006

SUBJECT: Award of Contract Construction to Dominion Virginia Power ("DVP") for the Arlington County Water Pollution Control Plant ("WPCP") Electrical Upgrades.

C. M. RECOMMENDATIONS:

1. Approve the Award of a contract to DVP in an amount not to exceed $5,000,000, plus a contingency of $500,000 for a total contract authorization not to exceed $5,500,000 for construction of electrical utility work upgrades at the WPCP related to the Master Plan 2001.

2. Authorize the Purchasing Agent to execute the Agreement subject to legal review by the County Attorney.

ISSUES: None.

SUMMARY: DVP will upgrade and replace existing electrical service equipment, as well as reconfigure the WPCP electrical distribution system on site. This contract is awarded under a Sole Source Justification based on DVP’s ownership of the equipment in place and the required expertise to install the new equipment for eventual connection to the DVP system.

BACKGROUND: The WPCP Master Plan 2001 (“MP01”) was endorsed by the County Board in January 2003. MP01 design is now complete, Construction Package 1-A is underway, and Construction Packages 1 and 2 are currently in the bid process. The MP01 design includes the replacement and upgrade of DVP electrical distribution system equipment on the WPCP site to ensure reliable electrical power to the WPCP, reconfiguration of the meters on the WPCP property, and ultimately transfer of ownership from DVP to the County for the electrical distribution system on the WPCP property.

DISCUSSION: The current backbone of the Plant’s electrical system is two medium voltage (34.5 KV) distribution systems owned by DVP. One serves the portion of the Plant north of S. Glebe Road, and the other the portion south of the Road. The scope of work for this contract

County Manager: ________
County Attorney: _____________
Staff: Larry Slattery, Department of Environmental Services, Water Pollution Control Bureau
includes installing new 34.5kV equipment, new switch gear, temporary feeders, replacing all transformers, and replacing 2 meter points with 1 meter points coming from the DVP system onto the WPCP site. DVP owns the existing equipment; however, the WPCP pays a fixed, monthly facilities charge for this equipment. The bulk of the existing DVP equipment needs to be replaced as it is aging infrastructure. This would substantially increase the current facility charges in the monthly electric bill. When the switch over is complete, Arlington County will own the onsite electrical distribution equipment that provides electricity to the plant, and the reduction in facility charges is anticipated to be approximately $64,000/year. The next phase, which will be under a separate future contract and the subject of future Board actions, will address the transfer of ownership and final connection modifications which will be performed by the traditional regulatory division of DVP.

**FISCAL IMPACT:** This contract will be funded from previously appropriated funds that includes the Virginia Department of Environmental Quality Water Facilities Revolving Loan Fund ($100.0 million) and Inter-jurisdictional partner’s payments for their share of the upgrade portion of the MP01 project costs (019.335).