



ARLINGTON COUNTY, VIRGINIA

County Board Agenda Item Meeting of July 8, 2006

SUBJECT: Award of a Contract between the Arlington County Board and Vanasse Hangen Brustlin, Inc. for stream restoration design and construction management services for the Windy Run watershed and Authorization of Amendment No. 3 to Agreement No. 41-03 between the Arlington County Board and Vanasse Hangen Brustlin, Inc. for increased construction management hours.

C. M. RECOMMENDATIONS:

1. Approve the Award of Agreement Number 235-05 to Vanasse Hangen Brustlin, Inc. for a total contract amount not to exceed \$69,987.00 and a contingency of \$10,498.05 for a total contract authorization not to exceed \$80,485.05.
2. Authorize Amendment Number 3 to Agreement Number 41-03 with Vanasse Hangen Brustlin, Inc. for increased construction management hours not to exceed \$23,630.00 and an increased contingency of \$5,195.00, which increases the total contract amount to \$56,640.00, the total contingency to \$8,496.00, and the total contract authorization to an amount not to exceed \$65,136.00.
3. Authorize the Purchasing Agent to execute the contract documents for Agreement Number 235-05 and Amendment Number 3 to Agreement Number 41-03, subject to legal review by the County Attorney.
4. Appropriate \$28,825.00 from the Watershed Management Fund (799.40001) to DES to fund the Amendment Number 3 to Agreement 41-03.

ISSUES: None.

SUMMARY: The purpose of Agreement Number 235-05 is for stream restoration design and construction management services to restore approximately 150 to 350 linear feet of Windy Run stream where erosion is threatening sanitary sewer infrastructure, including the Windy Run lift station.

The purpose of Amendment Number 3 to Agreement 41-03 is for increased construction management hours to ensure proper oversight of the construction of approximately 500 linear feet of restored stream in the vicinity of North Woodrow Street and 25th Street North.

County Manager: _____

County Attorney: _____

Staff: Jason Papacosma, Department of Environmental Services

Report Date: 7/3/2006

BACKGROUND: As described in detail in the County's adopted Watershed Management Plan, stream erosion is a County-wide problem for both in-stream and riparian habitat as well as nearby infrastructure. In particular, there are many locations in the County where ongoing stream erosion threatens or has already damaged sanitary sewer infrastructure. Because stream valleys are low points in the landscape, much of the County's sanitary sewer infrastructure runs along these valleys as well. Both the stream restoration projects described in this report are intended to create stable stream systems with improved habitat as well as to protect sanitary sewer infrastructure in the valley.

The County Board approved Amendment Number 2 to Agreement 41-03 on March 12, 2005. The original Agreement 41-03 (\$210,300.00) covered design and construction management services for the recently completed Donaldson Run stream restoration project. Amendment Number 1 (\$31,924.00) was for a number of items not budgeted for in the original scope, including preparing easement plats for the private property owners affected by the project, additional utility survey and design work, and bridge abutment design work for a new bridge to be installed. Amendment Number 2 (\$33,010.00 plus contingency of \$3,301.00 for a total authorization of \$36,311.00) addressed design and construction management services for additional stream restoration work within the Donaldson Run watershed in the vicinity of North Woodrow Street and 25th Street North. In this location, severe stream erosion has damaged County sanitary sewer infrastructure and is also threatening private property located at 2412 North Woodrow Street. Design work for this project is nearly completed, and the total cost of the project (design and construction) will be shared by the County and the private property owner. Amendment Number 2 required County Board approval because, coupled with Amendment Number 1, the increase to the original agreement exceeded \$50,000.00.

DISCUSSION: The Windy Run stream restoration project (Agreement 235-05) will restore approximately 150 to 350 linear feet of stream where erosion is threatening sanitary sewer infrastructure, including the Windy Run lift station. The design approach for this project will be similar to the approach for the recently completed Donaldson Run stream restoration project and the design approach for the project in the vicinity of 2412 North Woodrow Street described in this report. A stable stream system will be designed with improved in-stream and near stream habitat, infrastructure will be protected, and erosion problems will not be shifted to downstream areas.

Amendment Number 3 to Agreement 41-03 is for additional construction management hours. Staff's recent experience with the construction of the Donaldson Run stream restoration project underscored the importance of significant oversight and supervision of the construction contractor by individuals experienced with stream restoration design and construction.

FISCAL IMPACT: Upon appropriation, funds for Amendment Number 3 to Agreement 41-03 are available in the Watershed Management Fund (799.40001). Funds for Agreement 235-05 are available in the Utilities Fund (519.43545).